



# Tennessee Higher Education Commission Chairs of Excellence



October 2023  
Annual Report

# TENNESSEE HIGHER EDUCATION COMMISSION

## 2023-2024 COMMISSION MEMBERS

Ms. Tara Scarlett | **Chair** | Nashville | Middle Tennessee

Mr. Vernon Stafford, Jr. | **Vice Chair** | Collierville | West Tennessee

Ms. Dakasha Winton | **Vice Chair** | Chattanooga | East Tennessee

Ms. Whitney Allmon | **Secretary** | Dyersburg | West Tennessee

Mr. Evan Cope | Murfreesboro | Middle Tennessee

Ms. Pam Koban | Nashville | Middle Tennessee

Mr. Jimmy Matlock | Lenoir City | East Tennessee

Mr. Jay Moser | Jefferson City | East Tennessee

Mayor A C Wharton, Jr. | Memphis | West Tennessee

Mr. Tre Hargett | Secretary of State

Mr. David H. Lillard, Jr. | State Treasurer

Mr. Jason E. Mumpower | State Comptroller

Dr. Sara Heyburn Morrison | Executive Director, State Board of Education

Mr. Jacob Knight | Austin Peay State University | Student Member



# Chairs of Excellence Report

## Table of Contents

Introduction .....	2
Chairs of Excellence Overview.....	3
Austin Peay State University.....	4
East Tennessee State University.....	9
Middle Tennessee State University .....	18
Tennessee State University .....	29
Tennessee Technological University .....	32
University of Memphis.....	35
University of Tennessee Chattanooga .....	62
University of Tennessee Health Science Center .....	73
University of Tennessee Knoxville.....	94
University of Tennessee at Martin .....	114

# **Tennessee Higher Education Commission**

## **Introduction**

### **Chairs of Excellence, 2022-2023**

---

The 2022-2023 Chair of Excellence report fulfills a statutory requirement of the Tennessee Higher Education Commission to address the general status of the Chairs of Excellence program; the impact that the Chairs of Excellence program has had on higher education institutions and programs; and recommendations to enhance the effectiveness of the program (T. C. A. § 49-7-502).

The Chairs of Excellence program began in the midst of the education reform and improvement measures passed by the General Assembly in 1985. Currently, there are 100 Chairs of Excellence that are filled by individuals who are leading scholars in their respective fields. This program brings eminent scholars to Tennessee public institutions and attracts research initiatives and private funding to Tennessee. The program has resulted in unprecedented levels of donations to higher education from private and corporate sources. The appointees to these chairs have brought new levels of scholarship to Tennessee campuses and have greatly increased the research output of all state universities.

The following pages provide a list of all Chairs of Excellence, sorted alphabetically by institution, and includes the date the Chair was established, identifies the current Chairholder, and documents the current status, perceived impact, and recommendations for increased efficacy of the work of the Chair. As of October 2023, 10 positions are currently vacant and, in some cases, efforts are underway to fill them. Overall, the Chairs of Excellence Chairholders have national and international reputations and continue to enhance the visibility of Tennessee public universities as it relates to research, teaching, and public service.

# Tennessee Higher Education Commission Chairs of Excellence Overview

**October 2023**

<b>Institution</b>	<b>Number of Chairs of Excellence</b>	<b>Number Filled</b>	<b>Percent Filled</b>
Austin Peay State University	4	4	100%
East Tennessee State University	8	7	88%
Middle Tennessee State University	10	10	100%
Tennessee State University	2	2	100%
Tennessee Technological University	2	2	100%
University of Memphis	24	21	87%
<b>Total Locally Governed Institutions</b>	<b>50</b>	<b>46</b>	<b>92%</b>
UT Chattanooga	10	10	100%
UT Health Science Center	19	16	84%
UT Knoxville	18	15	83%
UT Martin	3	3	100%
<b>Total University of Tennessee System</b>	<b>50</b>	<b>44</b>	<b>88%</b>
<b>Total</b>	<b>100</b>	<b>90</b>	<b>90%</b>

## Austin Peay State University 2022-2023

Chair of Excellence	Date Established	Chairholder
1) Roy Acuff Chair of Excellence in Creative Arts	March 1986	Rick Griffith
2) APSU Foundation Chair of Excellence in Free Enterprise	June 1987	Dr. Michael Phillips
3) Harper-Bourne Chair of Excellence in Business	June 1987	Dr. Emily Lean
4) Lenora C. Reuther Chair of Excellence in Nursing	Sept 1993	Dr. Debra Rose Wilson

# Austin Peay State University

## Roy Acuff Chair of Excellence in Creative Arts

### Status of the Chair of Excellence

The *Roy Acuff Chair of Excellence in Creative Arts* rotates through APSU's four arts areas—Music, Theatre & Dance, Creative Writing, and Art + Design—on a four-year cycle. The 2022-2023 year was assigned to the area of Art + Design. Because the Acuff rotation for Creative Writing was impacted for two years due to the Covid-19 pandemic, that arts area was able to host Acuff-funded visitors. Creative Writing hosted the following Acuff-sponsored writers:

- Bonnie Jo Campbell, author of the National Bestselling novel *Once Upon a River* (Norton, 2011) and critically acclaimed short fiction collection *American Salvage* (Wayne State University Press, 2009) which was the finalist for the National Book Award and the National Book Critic's Circle Award.
- Writer and editor Victoria Chan, author of the books *The Trees Witness Everything* (Copper Canyon, 2022); *OBIT* (Copper Canyon, 2020); *Dear Memory: Letters on Writing, Silence, and Grief* (Milkweed Editions, 2021); *Circle* (2005), winner of the Crab Orchard Review Award Series in Poetry; *Salvinia Molesta* (2008); *The Boss* (2013); and *Barbie Chang* (2017). Her poems have been published in the *Kenyon Review*, *Poetry*, the *Threepenny Review*, and *Best American Poetry* 2005. In 2017, she was awarded a Guggenheim Fellowship.
- Aram Goudsouzian, Bizot Family Professor of History at the University of Memphis, where he teaches courses on the civil rights movement, the modern United States, and the history of American sports, as well as survey courses on African American History and the United States since 1877.

### Impact of Chair of Excellence on APSU, College, and Programs

The Acuff Chair is an important complement to the Center of Excellence for the Creative Arts' mission to inspire and educate APSU students and the community on aspects of the arts expertise outside of the established curriculum. The Acuff Chair offers high-quality educational experiences by bringing renowned writers and artists to work with undergraduate and graduate students through master classes and mentorships. Rick Griffith challenged student knowledge base while increasing their ability to find their creative voice.

Rick Griffith taught a specialty class that reimagined and diversified the history of graphic design through making, titled *Design History Praxis*. Throughout the Spring 2023 semester, he and his students worked with APSU's Goldsmith Press and Rare Type Collection, and collaborated with Graphic Design Professor Patrick Gosnell, and Printmaking Professor, Patrick Vincent.

### Recommendations to Enhance the Effectiveness of the Program

While it was wonderful to have Rick Griffith in the department and living on campus for the full Spring semester, the hosting duties for a guest of this duration proved difficult. The APSU Guesthouse is not set-up for such an extended stay and the pressure on faculty and staff to meet the needs of our guest were not sustainable across the full semester. Finding a balance between keeping the concentrated impact of the Acuff Chair of Excellence and successfully hosting long-term visitors is key for the success of this endowment's usage.

# Austin Peay State University

## APSU Foundation Chair of Excellence in Free Enterprise

### Status of the Chair of Excellence

The *APSU Foundation Chair of Excellence in Free Enterprise* was created in 1987. Dr. Michael Phillips, Professor of Finance, filled the Chair for 2022-23. Dr. Phillips has had a distinguished career as a faculty member at Austin Peay State University. Dr. Phillips has an active research agenda, including recent publications in *Managerial Finance* and the *Journal of Investing*, two highly ranked peer review journals. Furthermore, Dr. Phillips is a mentor to students participating in the Tennessee Valley Authority Investment Challenge and sits on the board for the Larry W. Carroll Govs Fund—a student-managed investment fund in the College of Business.

### Impact of Chair of Excellence on APSU, College, and Programs

The Free Enterprise Chair of Excellence is an important complement to the College of Business. The chair works to mentor students participating in a variety of experiential learning opportunities focused on financial markets. In the 2022-23 academic year, the chairholder advised Austin Peay students participating in the Tennessee Valley Authority's (TVA) Investment Challenge, the CFA Institute Research Challenge, and the college's Larry W. Carroll Govs Fund—a \$500,000 student-managed investment fund. Furthermore, in the last year the chair holder accompanied students attending the Student Managed Investment Fund Conference in Chicago and as well as students who presented at the Charlotte offices of Wealth Enhancement Group. Thus, the Chair of Excellence in Free Enterprise directly supports the College of Business in its efforts to provide memorable and meaningful learning experiences for its students.

### Recommendations to Enhance the Effectiveness of the Program

None



## **Austin Peay State University**

### **Harper-Bourne Chair of Excellence in Business**

#### **Status of the Chair of Excellence**

The *Harper-Bourne Chair of Excellence in Business* was created in 1987 and was made possible by a substantial gift to the University from Amelia Harper Lay Hodges, prominent Dallas humanitarian. During the 2022-23 year, the chair position was held by Dr. Emily Lean, Associate Dean for the College of Business and Professor of Management. Dr. Lean has had a distinguished career with several highly ranked journal publications and was instrumental in Union University attaining initial AACSB accreditation. As the Harper-Bourne Chair of Excellence, Dr. Lean serves as the College of Business Associate Dean and Director of Graduate Business Programs.

#### **Impact of Chair of Excellence on APSU, College, and Programs**

The Harper-Bourne Chair of Excellence in Business is an important complement to the programs and faculty of the College of Business. As the Harper-Bourne Chair of Excellence, Dr. Lean serves as the college's Associate Dean and Director of Graduate Business programs. Dr. Lean also oversees the college's assessment activities for AACSB and SACSCOC accreditation. During the 2022-23 year as the Harper-Bourne Chair of Excellence, Dr. Lean worked to implement the College of Business assessment plan which has resulted in numerous curriculum improvements to the college's programs. Furthermore, Dr. Lean served as co-chair for the university's strategic planning effort.

#### **Recommendations to Enhance the Effectiveness of the Program**

None

# Austin Peay State University

## Lenora C. Reuther Chair of Excellence in Nursing

### Status of the Chair of Excellence

The APSU *Lenora C. Reuther Chair of Excellence in Nursing* was created in 1993. Dr. Debra Rose Wilson was appointed to this Chair of Excellence position beginning August 1, 2022. Dr. Wilson came to Austin Peay in 2017 and was the 2020 recipient of the APSU Richard M Hawkins Award for noteworthy contributions to scholarship. Dr. Wilson has more than 200 publications and is an internationally known speaker on stress and its management. Dr. Wilson was the 2017-2018 American Holistic Nurse of the year. In 2022 to 2023 Debra Rose has been actively seeking and facilitating scholarship and grant opportunities for APSU faculty. Monthly reports were submitted to the Dean and Director detailing activities and mentoring was sought from the Chair of Nursing Research at Rochester University.

### Impact of Chair of Excellence on APSU, College, and Programs

The main role of the Lenora C. Reuther Chair of Excellence is to enrich academic scholarship for faculty in the School of Nursing. As an example, one research grant received in September 2022 from the Tennessee Nurses' Foundation for \$3200 funded with data driven qualitative research lead by the Chair of Excellence involving five faculty, addressing the perception of the nursing profession. This research was completed and has been accepted for publication in a peer reviewed journal. The School of Nursing faculty have begun offering mental health medication services and nursing assessment at the APSU Boyd Health Center. This was funded for \$84,000. Several other non-funded grants were written this year totaling \$1,424,250.

A program rewarding scholarship within the School of Nursing was established in 2022 and the first awards will be awarded in Fall 2023 for Excellence in Presentations, Grant Writing, Publications, Primary Research, and a Rising Star in Scholarship. A bi-annual newsletter was developed and disseminated regarding the APSU School of Nursing scholarship successes, upcoming opportunities in research, grants, articles, or presentations. This newsletter also gave faculty opportunities to showcase their scholarly activities.

The plethora of scholarship produced by the School of Nursing in the 2022-2023 academic year was groundbreaking. 100 percent of tenure track faculty and many of the clinical track faculty had accepted or published scholarship this year, and for many, their first. School of Nursing Faculty reported 41 publications this year, 21 of which were peer reviewed. Faculty reported 65 professional presentations off campus, 52 of which were peer reviewed. Preparation is being made to conduct primary research on the gut microbiome and depression. There have been five articles accepted or published this year in this area of research by the faculty and COE, demonstrating expertise. A pilot study is planned with larger NIH grant sought later for a clinical trial.

### Recommendations to Enhance the Effectiveness of the Program

Grant writing training for the COE, staff, and faculty from the School of Nursing and Research and Sponsored Programs will be helpful and hopefully be specific to NIH and HRSA grants. More Community based research grants will be sought to champion small faculty projects.

## East Tennessee State University 2022-2023

Chair of Excellence	Date Established	Chairholder
1) AFG Industries Chair of Excellence in Business and Technology	March 1987	James L. Harlan, II
2) Allen and Ruth Harris Chair of Excellence in Business	June 1988	David A. Golden
3) Carroll H. Long Chair of Excellence for Surgical Research	June 1989	Dr. David L. Williams
4) Cecile Cox Quillen Chair of Excellence in Geriatrics and Gerontology	Jan 1986	Dr. Ronald C. Hamdy
5) James H. Quillen Chair of Excellence in Education	March 1994	Dr. Dawn A. Rowe
6) LeeAnne Brown and ETSU Physicians & Associates Chair of Clinical Excellence	Dec 1995	Alfaro Sarrano
7) Paul Dishner Chair of Excellence in Medicine	Nov 1989	Currently vacant, search in progress
8) Wayne G. Basler Chair of Excellence for the Integration of the Arts, Rhetoric, and Science	Jan 1995	Dr. Jason Davis

# East Tennessee State University

## AFG Industries Chair of Excellence in Business and Technology

### Status of the Chair of Excellence

James L. Harlan II was named AFG Industries Chair of Excellence in Business and Technology on September 1, 2020, following 37 years in technical and executive leadership positions at Eastman Chemical Company.

### Impact of Chair of Excellence on ETSU, College, and Programs

As a Professor of Practice, James teaches both undergraduate and graduate courses in business strategy, supply chain and engineering technology within ETSU's College of Business and Technology (CBAT). He was invited by a Dean Emeritus of Tennessee Tech to participate in the Society for Advancement of Management's 2023 International Business Conference and discuss the works of F.W. Taylor as the Father of Scientific Management. He was also invited by the Dean of ETSU Quillen College of Medicine to conduct a "Purposeful Interviewing Workshop" and serve on the College's Admissions Committee.

His impact continued through the work to graduate the second cohort of 42 ambassadors from the CBAT Leadership Academy. The Academy brings together a diverse cohort of top undergraduate senior and graduate business and technology students to provide a unique learning opportunity aimed at developing future leaders for our region and world. Worked to secure \$385,000 in external funding to endow Ambassador scholarships and cover academy operating costs from Dewey and Scott Andrew and Goodwill Industries of Tenneva. Academy was renamed CBAT Andrew Leadership Academy in recognition of the endowed gifts.

James has served as a lead on the Conceptual Planning Team for the Sam Wilson Hall Renovation to provide functional integration and future physical space needs for CBAT. He participated in the initial development of the project's Capital Outlay Request for submission to the Tennessee Higher Education Commission.

Within the ETSU community, he has served alongside ETSU's CFO as Vice-Chair of the ETSU Budget and Operational Improvement Advisory Committee to review and provide input regarding the implementation of changes to the university's budget model and operations aimed at improving service to students, decreasing duplication, and providing transparency across the enterprise.

As Chair of Excellence, he continued supporting regional economic development and philanthropy through service on numerous non-profit and foundation boards.

### Recommendations to Enhance the Effectiveness of the Program

It is recommended that the Chair continue to facilitate partnerships, programs and networks that advance regional development and educational initiatives.

## **East Tennessee State University**

### **Allen and Ruth Harris Chair of Excellence in Business**

#### **Status of the Chair of Excellence**

David A. Golden was named *Allen and Ruth Harris Chair of Excellence in Business* on September 1, 2020. In 2019, Mr. Golden retired as a member of the Executive Team of Eastman Chemical Company with overall global responsibilities that included legal, sustainability, public affairs, Environmental Health & Safety (EH&S), government relations, communications, product safety and regulatory affairs, international trade strategy, and the office of Corporate Secretary.

#### **Impact of Chair of Excellence on ETSU, College, and Programs**

Mr. Golden teaches strategy, global business, and international law within the Colleges of Business and Technology and Graduate and Continuing Studies. He also serves as CEO of the ETSU Research Corporation (“the RC”) with responsibilities that include ETSU’s i-Lab and Valleybrook Campuses. The RC, through its strategically focused collaboration efforts, has played a pivotal role in driving regional economic prosperity. Most recently, the RC recruited Silicor Materials to the Appalachian Highlands. Silicor’s decision to establish a \$900 million plant at Phipp’s Bend, supported by an electric power offtake agreement with TVA, will create over 460 high-paying jobs and address the national demand for solar silicon. Notably, Silicor’s innovative technology will reduce emissions by 90 percent, opening additional “green energy” opportunities in our region.

The Chair has fostered partnerships to advance ETSU and the region’s engagement in the bioeconomy. In conjunction with Dr. Natalie Kuldell at MIT, the Chair organized the region’s first-ever symposium on the biomanufacturing economy attracting national presenters and attendees from prominent organizations such as Ginkgo Bioworks, MIT, BioMADE, and the Department of Defense. Additionally, through the RC’s efforts, ETSU secured over \$1.4 million in BioMADE grants, which will help build out the region’s bioeconomy workforce. The RC launched several other significant initiatives, including the RC Content Studio, the Appalachian Highlands Center for Innovation and the RC Center for Biomanufacturing.

Mr. Golden leads ETSU partnerships with world-class organizations such as BioMADE, MIT, BioBuilder, WHOI, RSS, MATE II ([www.mateii.org](http://www.mateii.org)), the Marine Technology Society, Music for All, the Niswonger Foundation, and Ballad Health to drive innovation, workforce development, tourism, and regional economic prosperity. Activity benefitting and promoting our region includes service on the boards of TNSCORE ([www.tnscore.org](http://www.tnscore.org)), the Niswonger Foundation, Ballad Health, the University of Tennessee’s Howard H. Baker Center for Policy, Music for All (Vice-Chair), the Marine Technology Society, Leadership Tennessee (Chair), and STREAMWORKS (Chair). The Chair presented at the annual meeting of the ABA’s Section on Environment, Energy and Resources and the first-ever Blue Carbon Law Symposium sponsored by Sea Grant held at the University of Georgia Law School.

#### **Recommendations to Enhance the Effectiveness of the Program**

It is recommended that the Chair continue in this role to drive the strategy, growth, and impact of the ETSU Research Corporation.

# East Tennessee State University

## Carroll H. Long Chair of Excellence for Surgical Research

### Status of the Chair of Excellence

Announced in 1989, the *Carroll H. Long Chair of Excellence for Surgical Research* is charged with increasing the number of ETSU staff and resident surgeons engaged in scientific research, providing consultation services to researchers in other clinical departments, supporting the teaching activities of the Department of Surgery, and identifying areas of available funding for research projects. In September 2017, Dr. David L. Williams, Professor of Surgery became the second Carroll H. Long Chairholder.

### Impact of Chair of Excellence on ETSU, College, and Programs

Serious infection is a major threat to critically ill patients and frequently precipitates sepsis, a complex disease spectrum that includes systemic inflammatory response syndrome, shock and/or multiple organ dysfunction. Sepsis is the leading cause of death in non-cardiac intensive care units (ICU) and accounts for 40 percent of ICU expenditures. Dr. Williams and his research group are focused on the role of innate immunity and organ injury in the response to sepsis and septic shock. His research group was among the first to demonstrate that glucan agonists activate PI3k/Akt dependent signaling, and that glucan induced PI3k/Akt dependent signaling was essential for induction of protection against polymicrobial sepsis. These and other studies provided the background for his current research on the role of “trained immunity” in prevention and/or management of sepsis.

Dr. Williams teaches and mentors undergraduate, medical and graduate students, postdoctoral fellows, surgical residents, and junior faculty. He also serves as the co-director for the ETSU Center of Excellence in Inflammation, Infectious Disease and Immunity (CIIDI). During the 2022-2023 academic year, Dr. Williams authored or co-authored (with students, postdoctoral fellows, faculty, and collaborators at other universities) eight peer reviewed scientific papers and 10 scientific abstracts and/or presentations at national and international meetings.

During 2022-2023, Dr. Williams received the Award for Scientific Achievement from the Shock Society. He serves on the editorial boards for four journals, is a reviewer for several scientific journals, and is a member of several scientific associations, scientific advisory boards, and boards of directors. Dr. Williams’ research has been continuously funded by the National Institutes of Health (NIH) for the past 27 years. He is currently the Principal Investigator on two NIH RO1 grants and is a co-investigator on three NIH RO1 and R21 grants.

### Recommendations to Enhance the Effectiveness of the Program

Dr. Williams will continue to engage in significant research that augments his educational responsibilities and increases the prestige of the Chair of Excellence. He will also continue working with the ETSU Center of Excellence in Inflammation, Infectious Disease, and Immunity to advance the research enterprise within the College of Medicine, the University, the region, and the State.

# **East Tennessee State University**

## **Cecile Cox Quillen Chair of Excellence in Geriatrics and Gerontology**

### **Status of the Chair of Excellence**

The excellent status of the Cecile Cox Quillen Chair of Excellence in Geriatric Medicine & Gerontology was maintained while adhering to various Covid-19 safety protocols. Efforts by Dr. Hamby, current Cecile Cox Quillen Chair of Excellence, increased by using Telehealth tools which have become quite popular with patients, their relatives, and medical staff. The use of Telehealth allowed for an increase in patients and resulted in outreach efforts that increased the effectiveness of this position. The use of Telehealth also became a tool used in instructional settings.

### **Impact of Chair of Excellence on ETSU, College, and Programs**

Dr. Hamby's teaching program continued to flourish and develop in traditional "in-person programs" as well as "virtual programs" allowing a closer interaction with colleagues and health care providers. The number of clinics addressing geriatric outreach was substantially increased and was largely regulated by the number of residents and other health providers wishing to attend these clinics.

The Osteoporosis Program continued to collaborate with local health departments to reach out to the community and provide DXA bone density screening to uninsured patients for Osteoporosis Awareness Month. For this purpose, and at the local level, Dr. Hamby offered an opportunity to ETSU medical students and other health care students to attend one or more teaching sessions associated with DXA bone density screening. Dr. Hamby has also recently published book on Osteoporosis: A case-based approach.

As Chair, Dr. Hamby is also associated with other professional duties such as Editor-in-Chief of the Journal of Clinical Densitometry, the official Journal of the International Society for Clinical Densitometry. Dr. Hamdy is the Editor of Gerontology and Geriatric Medicine, an open medical for Geriatric Medicine. He is a voting member of the Board of Directors of the International Society of Clinical Densitometry. He is also a "Past President", a two-year position, of the Geriatric Medicine Section of the Royal Society of Medicine, an International Medical Society focused on the teaching of Geriatric Medicine based in London, England.

### **Recommendations to Enhance the Effectiveness of the Program**

It is recommended that the Chair continue the expansion of the Osteoporosis Program including research and teaching activities.

# **East Tennessee State University**

## **James H. Quillen Chair of Excellence in Education**

### **Status of the Chair of Excellence**

Dawn A Rowe, PhD was named Quillen Chair of Excellence in Teaching and Learning, in July 2022. She is charged with providing expertise in teaching and learning to enhance quality of life and facilitate inquiry leading to innovation in education. Dr. Rowe maintains a robust research portfolio that has resulted in 56 journal articles, seven book chapters, one book, and over 150 presentations and workshops over the course of her career. She has received both internal and external funding for research and service totaling \$20,802,896. She teaches undergraduate and graduate courses in Special Education and serves on the Clemmer College of Education and Human Development's Leadership team.

### **Impact of Chair of Excellence on ETSU, College, and Programs**

The Quillen Chair of Excellence in Teaching and Learning will build capacity of faculty, staff, and students in research and scholarship. From July 1, 2022, to June 30, 2023, Dr. Rowe conducted outreach and provided mentorship to faculty/staff, and students. Examples include (a) meeting one-on-one with faculty in Clemmer (n=6); (b) meeting with three school leadership teams (i.e., Washington County, Unicoi County, Carter County); and (c) presented at the regional superintendents meeting in Johnson City and three regional special education supervisor meetings.

In addition to her own research projects, Dr. Rowe also engaged in peer-to-peer mentoring for faculty/staff and students across ETSU (i.e., Clemmer, College of Public Health, College of Arts and Science). She provided support to four research teams in the College of Public Health (10 team members), College of Arts and Science (three team members), and Clemmer College (two teams, one with two members, one with four) in conducting research in schools. She provided guidance and support related to recruiting schools, the IRB process and obtaining consent and assent from children and families, as well as survey development. She mentored faculty (n=2) and staff (n=1) in grant writing specifically (one faculty in the department of Sports, Exercise Science, and Kinesiology; one faculty in Educational Leadership and Policy Analysis (ELPA); one staff in Educational Foundations and Special Education (EDFN). The faculty from ELPA was awarded \$1,250,000 in August 2022 and staff from EDFN was awarded \$400,000 June 2023.

### **Recommendations to Enhance the Effectiveness of the Program**

Dr. Rowe will engage in research that will enhance the scope of work and regional focus of the Quillen Chair of Excellence. It recommended to develop more formalized procedures for mentoring and outreach to better evaluate impact.



# **East Tennessee State University**

## **LeeAnne Brown and ETSU Physicians & Associates Chair of Clinical Excellence**

### **Status of the Chair of Excellence**

The *LeeAnne Brown and ETSU Physicians & Associates Chair of Clinical Excellence* was established to develop clinical genetics service in the East Tennessee region with the mission to serve patients of all ages in all medical specialties including neonatology/ pediatrics, Ob/Gyn, internal medicine/family practice, oncology, and pharmacology. Dr. Alfaro Serrano is Professor and head of the Division of Medical Genetics/Department of Pediatrics, and the LeeAnne Brown and ETSU Health – Pediatrics Chair of Excellence.

### **Impact of Chair of Excellence on ETSU, College, and Programs**

Dr. Serrano has been involved in the field of medical genetics for over a decade. He came to ETSU from Children's Hospital of Los Angeles, Division of Medical Genetics, where he was an associate professor, providing clinical genetics and cytogenetics services. He was also the medical director of the University of Iowa Children's Hospital Metabolic Disorders Clinic prior to his time in Los Angeles. Dr. Serrano joined our comprehensive genetics program in East Tennessee where he will provide clinical expertise as well as research and education. ETSU Genetics is the region's site for the State's Newborn Screening Program. Dr. Serrano will be on the Board of the State's Genetics Advisory Committee.

### **Recommendations to Enhance the Effectiveness of the Program**

As Chair, Dr. Serrano will provide educational genetics lectures to the community physician/health providers/medical students and residents. He will also develop dedicated ETSU/Genetics websites with online interactive communication and service. While adding Genetic Counselor/Nurse Practitioners (NPs)/Nurses as services expand (currently, two Licensed Practical Nurses (LPN) and two Genetic NPs are employed). It is expected that Dr. Serrano will conduct clinical research on patients seen at ETSU/Genetics and will follow State of Tennessee Genetic Advisory Committee guidelines to expand genetic services in East Tennessee to qualify for additional funding from the State.

# East Tennessee State University

## Paul Dishner Chair of Excellence in Medicine

### Status of the Chair of Excellence

Established in 1989, the primary focus of the *Dishner Chair of Excellence in Medicine* is to enhance research efforts in the Quillen College of Medicine. The Chair must have a track record of research productivity in any sub-specialty of internal medicine. And who have had a portion of their training at one of the top 20 research-intensive U.S. medical schools.

In this role, the Chair will work to support the departmental research activities, enhance collaborative research, supervise student learning in research, and enhance institutional recognition.

Until the vacancy of this Chair, this position had been involved with ongoing research in laboratory and patient-centered research in a collaborative manner and was actively involved in providing opportunities and mentoring for trainees in the Department of Medicine and in the College of Medicine. It is expected that the new Chair will continue this valuable work in the college.

### Impact of Chair of Excellence on ETSU, College, and Programs

A hiring committee composed of faculty and staff from the College of Medicine are currently in the process of working to fill this vacancy. Applications have been reviewed and currently, interviews were scheduled for August 16, 2023. The individual will engage in research activities, supervise medical students, residents, and fellows in research activities.

### Recommendations to Enhance the Effectiveness of the Program

The Paul Dishner Chair of Excellence has been highly effective in providing research opportunities to many medical students, residents, and fellows over the years. The search committee will be interviewing NIH, state, and federally funded researchers to take over the role has Chair of the Dishner Chair of Excellence.

# **East Tennessee State University**

## **Wayne G. Basler Chair of Excellence for the Integration of Arts, Rhetoric, and Science**

### **Status of the Chair of Excellence**

The *Wayne G. Basler Chair of Excellence for the Integration of the Arts, Rhetoric, and Science* was established in 1995 and named for a long-time university supporter. The Basler Chair of Excellence has been filled every year since 1996 (with the exceptions of 2014-15 and 2020-21) with international-acclaimed scholars in fields ranging from art, music and theatre to mathematics, biology and astronomy, history, and broadcasting. It is a rotating position held for one semester, per academic year, allowing representation of a variety of fields to bring together faculty and students from across the sciences, the arts, and the humanities. Chairholders typically teach two courses in their discipline, present four public lectures or performances, and participate in instructional and research activities across the College of Arts and Sciences. Holders of the Basler Chair are selected through nominations from the faculty based on how the individual would contribute to the interdisciplinary nature of the position. Dr. Jason Davis, musician, educator, and director of the Climate Stories Project served as the Basler Chair of Excellence during fall 2022. Dr. Davis was hosted by the Department of Media and Communication.

### **Impact of Chair of Excellence on ETSU, College, and Programs**

Dr. Davis's residence was a success in all regards. He participated in three public events- a musical performance, a public lecture on climate stories, and an exhibition on Appalachian oral histories that was developed in collaboration with the students he worked with at ETSU. All events were well-attended by students, faculty, and members of the public. Davis also offered a cross-listed undergraduate/graduate course titled "Documenting Oral History". As a musician and climate educator, Dr. Davis truly integrated the arts, rhetoric, and science during his time at ETSU. ETSU greatly benefitted from having him as the Basler Chair of Excellence.

### **Recommendations to Enhance the Effectiveness of the Program**

The Basler Chair of Excellence has been highly effective in bringing a wide range of scholars to ETSU to teach and to present their work to the campus and the community. Those who have taken advantage of their courses and presentations have been enriched by them. Focusing heavily on advertisement and promotion during Dr. Davis's residency paid off with strong attendance at his public events. It is recommended that the same efforts are implemented with the next Basler Chair. The next Basler Chair will be Dr. Caro Novella, a performing artist and researcher trained in health communication, contemporary dance, and devised performance. Dr. Novella most recently served as a fellow of Stanford University's Queer Arts Initiative and holds a PhD from UC Davis. Her residency will take during the spring 2024 semester, and she will be hosted by the Department of Theatre and Dance.

## Middle Tennessee State University 2022-2023

Chair of Excellence	Date Established	Chairholder
1) John Seigenthaler Chair of Excellence in First Amendment Studies	March 1986	Administered by Ms. Deborah Fisher
2) Jennings A. Jones Chair of Excellence in Free Enterprise	March 1986	Mr. Aubrey B. Harwell, Jr.
3) Carl Adams Chair of Excellence in Health Care Services	June 1987	Vacant since 2019
4) National HealthCare Chair of Excellence in Nursing	June 1988	Dr. Deborah Lee
5) Robert E. and Georgianna West Russell Chair of Excellence in Manufacturing	June 1988	Vacant since 2019
6) Katherine Davis Murfree Chair of Excellence in Dyslexic Studies	June 1988	Dr. Timothy Odegard
7) Mary E. Miller Chair of Excellence in Equine Health	June 1995	Dr. Alyssa Logan
8) John C. Miller Chair of Excellence in Equine Reproductive Physiology	June 1995	Dr. John Haffner
9) Jennings and Rebecca Jones Chair of Excellence in Urban and Regional Planning	March 1997	Dr. Murat Arik
10) Joey A. Jacobs Chair of Excellence in Accountancy	June 2013	Mr. Jarett Decker

# Middle Tennessee State University

## John Seigenthaler Chair of Excellence in First Amendment Studies

### Status of the Chair of Excellence

The mission of the *John Seigenthaler Chair of Excellence in First Amendment Studies* is to promote awareness and understanding of the First Amendment and to support quality journalism in the state by giving students hands-on experiences in partnership with professionals. The chair currently does not generate sufficient annual earnings to fund a nationally recognized First Amendment scholar and fund programmatic activities. Our goal is to increase the endowment to an amount sufficient to do both. Deborah Fisher, the current director of the Chair and a 25-year veteran journalist, plans, coordinates, and executes programs to enrich MTSU students and the surrounding community.

### Impact of Chair of Excellence on MTSU, College, and Programs

There were 5.6 million users of The First Amendment Encyclopedia and its associated website in the MTSU fiscal year ending June 30. That's up from 5.1 million a year ago. The encyclopedia is the heart of a digital resource that the Seigenthaler Chair launched in September 2017. The encyclopedia itself consists of about 1,700 articles written by scholars, a large number written by John Vile, dean of MTSU's Honors College, and the associated Free Speech Center website has another 1,100 articles. The searchable encyclopedia is the most comprehensive, free resource of its kind online and achieves the mission of promoting awareness and understanding of the First Amendment. This year, the chair invested funds to redesign the website and increase its reach even more through professional Search Engine Optimization (SEO) services. The redesign should be complete by September 2023.

In addition to managing and expanding the Encyclopedia's content, the director of the chair continued on-campus speaker programs, which included 1) Tampa Bay Times journalists who won the 2022 Pulitzer Prize for Investigative Reporting as part of our Pulitzer Prize Series; 2) a Wall Street Journal journalist who was honored for her anniversary work on the legacy of the Tulsa Massacre; and 3) the co-editor of the scholarly book *Journalism and Jim Crow*. The chair also contributed funds to bring Dr. Imani Perry to campus to speak to students during Black History Month. The director of the chair taught an editing class in the School of Journalism and Strategic Media. The chair also funded a summer 2022 feature-writing class in which a journalism professor took students to rural parts of Tennessee to produce stories for community newspapers.

### Recommendations to Enhance the Effectiveness of the Program

The chair is coordinating programs for students in Fall 2023, including the continuation of our Pulitzer Series. We expect additional programs in Spring 2024. Also, the chair is finishing the redesign of the website as a continual expansion of our digital efforts.

# Middle Tennessee State University

## Jennings A. Jones Chair of Excellence in Free Enterprise

### Status of the Chair of Excellence

The *Jennings A. Jones Chair of Excellence in Free Enterprise* was established for the purpose of promoting and developing an increased understanding of the free enterprise system to make students and area residents more knowledgeable about the forces that shape their lives and the well-being of this country. The Chair has been held in a contractual relationship rather than as a faculty position. Professor Aubrey B. Harwell, Jr. is the second and current Chairholder.

### Impact of Chair of Excellence on MTSU, College, and Programs

The Chair of Excellence, in collaboration with First Horizon Bank and Murfreesboro Young Professionals, co-hosted the 2022 Leadership Summit at the Embassy Suites Hotel in Murfreesboro. The emphasis of this conference was on examining the attitudes and behaviors that characterize successful, innovative leaders and entrepreneurs as entrepreneurship plays an important role in regional economic development. Keynote speakers included Libby Gill, author of the award-winning book, *You Unstuck* and *The Hope-Driven Leader*, and Ryan Jenkins, another best-selling author who wrote *Connectable: How Leaders Can Move Teams from Isolated to All In*.

At this event, and with the Chair's support, the Jennings A. Jones College of Business honored Chuck McDowell, Founder and CEO of Wesley Financial Group LLC, with the Jennings A. Jones Champion of Free Enterprise Award. This award is presented to an individual whose achievements are in keeping with the highest traditions of the American system of free enterprise. Other honorees included: Jeff Ballard, President of Delta Dental of Tennessee, recipient of the Joe M. Rodgers Spirit of America Award; Lori Williams, Controller for Middle Tennessee Electric, recipient of the Jones College Exemplar Award; and Megan Bynum, owner and a certified financial planner at Harvest Wealth Group LLC, recipient of the Jones College Young Professional of the Year Award.

### Recommendations to Enhance the Effectiveness of the Program

It is recommended that the Chair continue activities with which it has been associated since its inception and while searching out opportunities to increase the number of such activities and visibility within our community and region.

# **Middle Tennessee State University**

## **Carl Adams Chair of Excellence in Health Care Services**

### **Status of the Chair of Excellence**

The *Carl Adams Chair of Excellence in Health Care Services* provides a platform for Middle Tennessee State University to engage an interdisciplinary group of scholars, in partnership with the community and external funding sources, to support healthcare workforce development and promote healthy communities. The Adams Chair is currently vacant following the retirement of Dr. Martha Jo Edwards, chairholder from 1992-2019. An active search was conducted to fill the vacancy in 2022-2023 and is continuing. Dr. Edwards was the founding director of the Center for Health and Human Services (CHHS), which worked in tandem with the Adams Chair through 2015 to secure funding for and manage projects totaling over \$7 million. CHHS subsequently received an additional \$5 million in funding.

### **Impact of Chair of Excellence on MTSU, College, and Programs**

The Adams Chair's work continues through the CHHS, which became independent from the Adams Chair in 2018. Current grant projects related to health care services and workforce development include:

- Establishment of the MTSU Office of Prevention Science and Recovery to assist Tennessee counties in effectively managing opioid settlement dollars through strategic and coordinated efforts to fund locally implemented evidence-based projects and services,
- Two Rural Communities Opioid Response Program (RCORP) grants funded through the Health Resources and Services Administration (HRSA) to address the opioid epidemic through a needs assessment and gap analysis, and implementation of identified strategies in rural Tennessee communities,
- Facilitating the evidence-based Mental Health First Aid program on campus funded by the Substance Abuse and Mental Health Services Administration (SAMHSA) to support a culture of mental health awareness, reduce stigma, and support a future workforce that recognizes the importance of mental health,
- A Tennessee Department of Health contract to train first responders on infant death scene investigation (DSI), which has trained over 35,000 professionals since 2004.

### **Recommendations to Enhance the Effectiveness of the Program**

MTSU began the process of recruiting a senior research scientist and healthcare expert to the Adams Chair in 2022/2023 and recruitment is ongoing. The new chairholder will continue to collaborate with the CHHS and is expected to bring existing funding and/or a long-term, robust, focused, and sustained plan for securing additional dollars which might include funding from the National Institutes of Health and the National Science Foundation to support the Chair's work in the field of healthcare.

# Middle Tennessee State University

## National HealthCare Chair of Excellence in Nursing

### Status of the Chair of Excellence

Dr. Deborah Lee is in her fourth year as *National HealthCare Chair of Excellence in Nursing*. During this past year, the focus has been on research, leadership in support of positive aging, and faculty development activities.

### Impact of Chair of Excellence on MTSU, College, and Programs

Dr. Lee continues to provide leadership as director of the Positive Aging Consortium (PAC). This past year focused on planning for the second conference and building support for a Center for Positive Aging at MTSU initially with MTSU administrators and National HealthCare leadership. As with the inaugural Positive Aging Conference, Dr. Lee manages a conference planning team for the April 5, 2024, conference. The conference's target audience is older adults. Dr. Lee made several media appearances in support of positive aging this summer: two appearances for the Nashville Public Television, Aging Matters series episode, "Second Acts," which included a panel discussion, and a news article with a video clip in MTSU eNews to promote visibility for the PAC and the Aging Matters episodes.

Findings from the MTSU internal grant-funded study, Needs and Capacity of Certified Nursing Assistants in Long-Term Care: A Tennessee Workforce Assessment were presented at the Tennessee Health Care Association annual convention. A report will be written this fall and distributed to stakeholders. Along with the co-PI, two presentations of the qualitative findings were delivered virtually for the Tennessee Center for Nursing Advancement in November 2022 and February 2023. This fall Dr. Lee and a fellow faculty member will begin a study titled "Outcomes for Baccalaureate Nursing Students Receiving Health and Wellness Coaching Intervention." In collaboration with the MTSU Center for Health and Human Services, Dr. Lee served as a co-PI on a grant submitted in March to the Tennessee Department of Health, "Blueprint for Excellence: RN Transition to Practice for Long-term Care." Two other nursing faculty were included in the grant application.

Dr. Lee remains active in leadership and faculty development opportunities for the School of Nursing (SON) faculty. SON faculty are included in all grant opportunities, and short faculty presentations of research activities and other faculty development activities are organized by Dr. Lee to support scholarship within the faculty. Dr. Lee continues to serve on the SON Faculty Success Committee and on the Board of the MTSU Xi Alpha Chapter of Sigma (International Honor Society of Nursing) and will serve as the chapter delegate during the November Biennial Convention.

### Recommendations to Enhance the Effectiveness of the Program

1. Support faculty in scholarly and other, activities to enhance professional development, opportunities for promotion and tenure, and success as educators.
2. Continue current research and explore new opportunities to address challenges and needs of older adults and caregivers (formal and informal).
3. Continue leadership for the Positive Aging Consortium and explore potential for future a Center for Positive Aging at MTSU.



# **Middle Tennessee State University**

## **Robert E. and Georgianna West Russell**

### **Chair of Excellence in Manufacturing**

#### **Status of the Chair of Excellence**

The *Robert E. and Georgianna West Russell Chair of Excellence in Manufacturing* was founded to enhance the quality of manufacturing education, support the existing manufacturing concerns, and attract new manufacturing activity to the middle Tennessee region. The Chairholder is charged with continuously improving the image of MTSU and the industrial studies program; developing and maintaining adequate diversity in study areas to ensure a multidimensional student body in terms of experience, interests, and abilities; involving faculty members actively in industrial programs to ensure the continuous improvement of their cutting-edge skills and the relevancy and immediacy of the materials they impart to the student body; and making MTSU an institution of choice for those wishing to pursue excellence in manufacturing. The position was previously held by Dr. Charles Perry from March 2004 - June 2019. A successful search was conducted in 2022 – 2023 with an accepted job offer, but six weeks prior to the scheduled start date on July 1, 2023, the designee declined the job. Therefore, plans are to renew a search for the Russell Chair holder with a more focused job description and expectations.

#### **Impact of Chair of Excellence on MTSU, College, and Programs**

Prior to his retirement, Dr. Perry's unique dual stator radial flux motor for both D. C. Brushless and Switched Reluctance applications was developed in collaboration with Mr. James Hendershot of Motorsolver, LLC. Dr. Perry designed and built a system to accurately measure magnetic force as a function of rotor position and magnetic field strength in a dual stator configuration. Dr. Perry donated the dual stator magnetic force measurement system to the Engineering Technology (ET) Department. Dr. Vishwas Bedekar and his PhD student from the Computational and Data Sciences program have been using this system in their inductive energy harvesting system measurements. Dr. Perry had six issued U.S. Patents and two pending from his time as Chair of Excellence. Dr. Perry also started the successful Intern/Career Fair for connecting students to companies. During the last two academic years (2020-2022), the ET Department has expanded the fair to two times a year and had more than 25 companies participated in each.

#### **Recommendations to Enhance the Effectiveness of the Program**

1. Continue and expand research partnerships with Assurant, Automation Nth, Nissan, GM, Ultium, SK Battery, and other companies focusing on developing series of small projects.
2. Actively seek specific input and direction from leading industries on new degrees and programs for MTSU Engineering Technology students.

# **Middle Tennessee State University**

## **Katherine Davis Murfree Chair of Excellence in Dyslexic Studies**

### **Status of the Chair of Excellence**

The *Katherine Davis Murfree Chair of Excellence in Dyslexic Studies* was established in 1988 for the purpose of building public awareness about the nature of dyslexia and about promising approaches to identification and intervention; enhancing the skills of teachers, school psychologists, and parents to more effectively identify and assist dyslexic students and students who struggle to read; contributing to the research base that defines dyslexia, guides identification, and informs the content and strategies for effective instruction; improving knowledge and skills of area educators through consultation and education; providing consultation services for Tennessee school systems, individual teachers, other school personnel, and families; establishing and maintaining a resource and reference center, publicizing the purposes, plans, and accomplishments of the Chair; developing and delivering curriculum for courses on effective ways to educate children with dyslexia; and engaging in research and support of other university faculty in their research activities. Dr. Timothy Odegard has held the Chair since mid-November of 2015 with an appointment as a Professor of Psychology.

### **Impact of Chair of Excellence on MTSU, College, and Programs**

Dr. Odegard continued to impact initiatives outlined for the Chair positively. He led the efforts of the Center for Dyslexia to provide workshops to raise awareness of dyslexia, provide critical information about the identification of individuals with dyslexia, and provide effective instruction and intervention to meet their needs. He continued to use technology to expand the reach of professional development to educators and outreach efforts to parents. He continued to prioritize developing freely available resources on dyslexia and effective reading instruction in the form of video content and practice guides for parents and educators. Dr. Odegard led research efforts to identify individuals with dyslexia and reading difficulties, effective interventions for individuals with dyslexia and reading struggles, and teacher training. Research in these areas was published and shared through international conference presentations and in the Center's newsletter. He also served as the Editor-in-Chief of the research journal *Annals of Dyslexia* and as consulting editor for the *Journal of Learning Disabilities*.

### **Recommendations to Enhance the Effectiveness of the Program**

In the upcoming year, the Chair will continue to lead the Tennessee Center for Dyslexia in efforts to provide services to the state as described above. The chair also will lead efforts to develop online instructional materials on dyslexia. These materials will be available to other instructors at institutions of higher education in Tennessee and beyond. The chair is also editing a special issue of the *Annals of Dyslexia* on the definition of dyslexia that is currently adopted as part of state law in Tennessee and many other states nationwide.

# Middle Tennessee State University

## Mary E. Miller Chair of Excellence in Equine Health

### Status of the Chair of Excellence

The purpose of the *Mary E. Miller Chair of Excellence in Equine Health* is to enhance equine health through research and teaching. The Chairholder funds are used to support the Clinical Specialist in Equine Health. In this role, the Chair extends knowledge to the horse industry through research and teaching and collaborates on equine health studies with veterinarians and equine scientists nationwide. Seminars, professional papers, and periodical articles are used to reach the industry. The Clinical Specialist position was held by Dr. Holly Spooner from 2012 until she vacated the position on January 3, 2022. Dr. Alyssa Logan was hired on August 1, 2022, to fill this vacancy.

### Impact of Chair of Excellence on MTSU, College, and Programs

While new to this position, Dr. Logan continues a diverse career as an equine professional. She serves as the Graduate Program Coordinator for the M.S. in Horse Science program and chaired the committees of three graduate students. Students conducted research in nutrition and exercise physiology and completed internships with the American Quarter Horse Association.

Dr. Logan continues her research interest in performance horse management and exercise. She has numerous publications and presentations from her graduate work and has continued to add to this list, prioritizing publication in open-access journals. This year, two graduate students completed research projects and presented their findings in oral presentations at the Equine Science Society Symposium, and even achieved international recognition in the graduate student competition. Dr. Logan advised an honors research project evaluating the demographics of horses in regional collegiate riding competitions.

Dr. Logan continues to coach the MTSU Horse Judging Team. The team attended five national collegiate horse judging contests this academic year, with numerous top-10 placings from various individuals. Through support of chair funds, Dr. Logan has acquired an AQHA Level 1 judge's card and has passed the first stage of testing for an NRHA judge's card. Dr. Logan provided judging clinics to local FFA and 4-H youth and supported youth contests at a regional, state, and national level.

### Recommendations to Enhance the Effectiveness of the Program

The new hire, Dr. Alyssa Logan, will further enhance this chair position with research in equine health and exercise physiology. Additional external funding for research would attract more graduate students to the M.S. in Horse Science program. Dr. Logan has plans for collaborative research to bring funding to the Horse Science Program to fund M.S. students, as well as to provide necessary research to the industry. Dr. Logan will continue as coach of the MTSU Horse Judging Team, with priority on student participation and exposure at national competitions and professional relationships.

# **Middle Tennessee State University**

## **John C. Miller Chair in Equine Reproductive Physiology**

### **Status of the Chair of Excellence**

The purpose of the *John C. Miller Chair of Excellence in Equine Reproductive Physiology* is to assist the equine industry in making breeding more efficient. Outreach by the chair is extensive. Middle Tennessee is the center for equine breeding in the state and the sole Horse Science Program in the state is located at Middle Tennessee State University. John Haffner, DVM, has held the Clinical Specialist in Equine Reproduction position since January 2012.

### **Impact of Chair of Excellence on MTSU, College, and Programs**

A veterinarian in residence to teach, conduct research, and serve as a resource for the equine industry for our nationally recognized equine program is an invaluable asset. Dr. Haffner teaches equine reproduction and breeding along with other courses in animal welfare and equine health. He is the advisor to the MTSU Pre-Veterinary Society. Dr. Haffner serves as the Attending Veterinarian on MTSU's Institutional Animal Care and Use Committee. He has developed a working relationship with scientists at Boehringer Ingelheim Vetmedica Inc., which has funded research projects that have resulted in presentations at national and international meetings. Plans for more studies are under discussion. He also presented two research posters at the American College of Veterinary Internal Medicine Annual Forum in Austin, Texas. Dr. Haffner oversees all health programs for the equine herd at MTSU and is a guest lecturer in several animal science courses. He provides veterinary service to university clients who breed mares to the stallions housed at the Horse Science Center. This activity produces income for the program.

Additionally, Dr. Haffner brings an international connection as he has traveled to Mongolia to teach and conduct research since 2000. As a result of his relationships in Mongolia, a memorandum of understanding between MTSU and the Mongolian School of Veterinary Medicine where he holds a position of Adjunct Professor was established to further veterinary education in that country. Most recently, he taught an Equine Reproduction seminar in Ulaanbaatar, Mongolia for Mongolian veterinarians in July of 2022.

### **Recommendations to Enhance the Effectiveness of the Program**

The position needs a higher earning rate or increase in corpus to advance its purpose.

# **Middle Tennessee State University**

## **Jennings and Rebecca Jones Chair of Excellence in Urban and Regional Planning**

### **Status of the Chair of Excellence**

Dr. Murat Arik was appointed the *Jennings and Rebecca Jones Chair of Excellence in Urban and Regional Planning* (COE-URP) in September 2021. The objectives of the Chairholder include:

- Promote applied research and service focused on urban and regional planning,
- Provide a forum of the discussion of urban and regional issues for the development of solutions to promote effective economic development,
- Act as a resource to the regional community of interest in identifying, analyzing, and solving problems,
- Encourage interactions of faculty and students with practitioners in a broad range of industries and institutions influenced and expected to be impacted by growth,
- Support the on-campus development of curriculum materials and faculty more conversant with the issues of the region.

### **Impact of Chair of Excellence on MTSU, College, and Programs**

1. The Chair of Excellence has become a Silver Partner to Cumberland Region Tomorrow (CRT), which further links the two institutions beyond Dr. Arik's involvement with the CRT as a current member of the Board of Directors.
2. Dr. Arik has begun a new pilot program, the Chair of Excellence Scholars Program. This is a nine-month research and engagement program for undergraduate students designed to bring students, faculty, and community members together to address ongoing urban and regional challenges through academic research. Launching in August of 2023, the program consists of monthly meetings with students, faculty, and Advisory Committee members, as well as lectures on relevant topics, some of which will be sponsored by the Tennessee Housing Development Agency, Cumberland Region Tomorrow, and the Tennessee Small Business Development Center. The program will conclude in May 2024 with completed research projects by each of the student scholars, who receive a stipend, research experience, and networking opportunities.
3. Dr. Arik met with the Advisory Committee in September 2022 and February 2023 to discuss the parameters of the COE-URP's research, future recommendations for the program, and current initiatives for the COE-URP, including the Scholars Program and a comprehensive resource directory, which would act as a central hub for communities across Tennessee to access relevant information in the form of extensive dashboards, contacts, and more.

### **Recommendations to Enhance the Effectiveness of the Program**

The Chair of Excellence will continue building the resource directory in the pursuit of making it publicly available. The Chair of Excellence will continue building high-impact practices and looking for resources to sustain the Pilot COE-Scholars Program.

# **Middle Tennessee State University**

## **Joey A. Jacobs Chair of Excellence in Accountancy**

### **Status of the Chair of Excellence**

The *Joey A. Jacobs Chair of Excellence in Accountancy* was established to support the University's degree programs in accounting and other centers and institutes within MTSU. Mr. Jarett Decker began as Chairholder on August 1, 2022. Mr. Decker formerly served as Head of the World Bank's Centre for Financial Reporting Reform in Vienna, Austria (2014-2019); as Deputy Director and Chief Trial Counsel at the Public Company Accounting Oversight Board (PCAOB) (2006-2014), and as Senior Trial Counsel for the U.S. Securities and Exchange Commission (SEC) (2004-2006). A CPA and lawyer (not licensed in Tennessee), he holds degrees from the University of Michigan Law School (JD) and the College of William and Mary (BA). He previously taught on compliance in emerging markets and on international anti-money laundering at the University of Miami School of Law.

### **Impact of Chair of Excellence on MTSU, College, and Programs**

Since assuming the Jacobs Chair of Excellence in August 2022, Mr. Decker has:

- Created and led a new study abroad program for accounting students visiting Austria, Slovakia, and Hungary, including meetings with senior ranking officials at an international accounting organization (INTOSAI), a central bank, and a national audit oversight board, as well as local affiliates of "Big 4" accounting firms;
- Created and taught an entirely new version of the capstone course for the Master of Accountancy program, including new focuses on critiques of the United States Generally Accepted Accounting Principles (GAAP), Securities and Exchange Commission (SEC) disclosure regulation, weaknesses in reporting reliability, and issues in international comparability, as well as honing of writing and oral presentation skills on complex accounting issues;
- Published articles on inflationary distortions of corporate financial statements and on corporate governance issues at PayPal in the Nashville Business Journal and the American Institute for Economic Research (AIER), respectively;
- Presented a 20-year retrospective assessment of the Public Company Accounting Oversight Board (PCAOB) at MTSU's Continuing Professional Education (CPE)Day;"
- Participated in Deloitte's "Trueblood Seminar for Professors" in Dallas (February 2023);
- Guest lectured in courses for two other professors in the Department of Accounting;
- Received strong evaluations from students for both introductory and master's courses.

### **Recommendations to Enhance the Effectiveness of the Program**

In the future, the program should strive to:

- Build and enhance links with the greater Nashville business and accounting communities, perhaps including executive or professional accounting education efforts;
- Further enhance international links for the accounting program;
- Contribute to the accounting department's expansion of online study opportunities.

**Tennessee State University**  
**2022-2023**

<b>Chair of Excellence</b>	<b>Date Established</b>	<b>Chairholder</b>
1) First Chair of Excellence in Business	July 1992	Pending Final Appointment in Spring Semester 2024
2) Chair of Excellence in Banking and Financial Services	March 1998	Dr. Achintya Ray from January 2023 Appointment

# Tennessee State University

## Frist Chair of Excellence in Business

### Status of the Chair of Excellence

The *Frist Chair of Excellence in Business* presently has a focus on Accounting and was last held by Dr. Stephen B. Shanklin prior to retirement in January 2021. Dr. Shanklin holds a PhD in Accounting and International Business from Saint Louis University, an MBA and a B.S. in Accounting from the University of Tennessee at Martin, and a B.S. in Business Administration from Murray State University. He has an active CPA certification in Tennessee and holds the Chartered Global Management Accountant (CGMA) certification from the American Institute of Certified Public Accountants (AICPA) and Chartered Institute of Management Accountants (CIMA) in Great Britain. As of January 2023, Dr. Shanklin serves as the Interim Dean of the College of Business. A potential replacement for the Frist Chair vacancy has been identified for possible appointment in Spring Semester 2024 to assume duties and actively complete the academic year's enhanced level of planned programming.

### Impact of Chair of Excellence on TSU, the College, and Programs

In Academic Year 2022-2023, the Frist Chair provided sponsoring and faculty support for top Accounting Majors to participate in the National Association of Black Accountants (NABA) Annual Meeting in New Orleans, Louisiana. Two TSU students were rewarded with financial support to complete their degrees with \$15,000 in scholarships for one and a professional paid internship with a public CPA firm for the other. Other student attendees received follow-up contacts to begin their career position search.

At the annual College of Business Honors Day Awards in Spring Semester 2023 the First Chair provided scholarship funding in excess of \$50,000 for high achieving and deserving undergraduate students to finish their degree in the 2023-2024 academic year. Additionally, the Frist Chair provided scholarship support for select graduate students in need of additional assistance to complete their degree programs.

The Frist Chair sponsored the VITA Tax program in consort with the United Way of Middle Tennessee and the members of Beta Alpha Psi Society, the International Accounting Honor Society. This free tax service returned to full service at the Avon Williams Campus for the first time since the 2020 tax reporting year. The number of clients served was considerably lower than the levels experienced prior to the Covid-19 restrictions in 2020 and 2021 reporting years, the restored full-service VITA site at TSU returned almost \$200,000 to tax filers with the assistance of the student volunteers and faculty involved.

### Recommendations to Enhance the Effectiveness of the Program

In Spring 2024, the *Frist Chair of Excellence* in conjunction with the Dean's initiative in the College of Business plan to increase both the quality and quantity of professional opportunities for students. With designated partners in the community the College of Business will shift focus on more sustainable programs for students over time. With this renewed effort on targeted partnerships, the intended result will be student career paths set much earlier in the academic progression and overall higher placement rates throughout the College offerings.



# **Tennessee State University**

## **Chair of Excellence in Banking and Financial Services**

### **Status of the Chair of Excellence**

The *Chair of Excellence in Banking and Financial Services*, established in 1998, is designed to serve as a catalyst for enhancing the College's research as well as curriculum development in banking and financial services. The current Chairholder, named in December 2022, is Dr. Achintya Ray, a senior Professor in the Department of Economics and Finance. With a delayed start to assume his duties in Spring Semester 2023, Dr. Ray will actively pursue a revised set of priorities for the Chair established for maximum impact for the professional community as well as the student professional development needs of current students.

### **Impact of Chair of Excellence on TSU, the College, and Programs**

The Chair has continued to aid the College of Business in making a major impact on strengthening the banking and finance components of the College's curriculum, improving linkages with the banking profession, and recruiting more students with an interest in careers in banking and financial services. A series of Financial Literacy sessions with professional presenters were underwritten by Bank of America for 2022-2023. Attendance was in total more than 250 students and feedback was exceptional for the quality and pertinence of the programs. Professor Anis Mnif arranged for the sponsorship of the program and arranged the funding from Bank of America to offer the content free of charge for the students. Jackson National Insurance from the Nashville area office also underwrote an additional speaker on our Main Campus site to a standing room only crowd of students over a two-hour period ending with a Q&A session that compromised at least half the time slot provided before evening classes. Another commitment from Bank of America funding for the next academic year has been tentatively received because of the attendance and ongoing student interest.

### **Recommendations to Enhance the Effectiveness of the Program**

In Spring 2023, the Dean in the College of Business submitted to TSU President Glenda Glover and TSU Interim Provost Robbie Melton the priorities for the new appointment to the Chair to increase the outreach efforts and impact on students throughout the College of Business to consider careers and effects of the banking and financial services industry on their lives.

The Chair is currently funded from a state supported faculty position with interest earnings from the Endowment being used to elevate the salary to an appropriate compensation level. This approach has necessitated using a departmental tenure track position budget line. Additional funding for the Chair is needed so that the faculty line can be released for other departmental teaching and research needs and the Chair of Banking & Financial Services be fully sustaining. This is a high priority item for the new Chair appointee for 2023-2024 in the recent stated duties.

## Tennessee Technological University 2022-23

Chair of Excellence	Date Established	Chairholder
1) William E. Mayberry Chair of Excellence in Business Administration	Feb 1990	Dr. Thomas A. Timmerman
2) Jesse E. Owen Chair of Excellence in Emerging Technologies, System Management, IT Human Resources, and Strategic Management	June 1988	Dr. Tor Guimaraes

# Tennessee Technological University

## William E. Mayberry Chair of Excellence in Business Administration

### Status of the Chair of Excellence

The mission of the *William E. Mayberry Chair of Excellence in Business Administration* is to increase awareness and enhance the development of quality and performance-management practices on behalf of the Tennessee Technological University (TTU) College of Business (COB), TTU, and Tennessee. The Chair maintains active involvement and support of national and Tennessee programs via research and analysis, a Mayberry Lecture Series, graduate assistants, class participation, and by bringing business and education leaders to TTU. Research findings are disseminated via a newsletter and other publications. Dr. Thomas A. Timmerman was selected to replace Dr. Curt Reimann in August 2020 following Dr. Reimann's retirement after 25 years of service. Dr. Timmerman has been a faculty member at Tennessee Tech since 2001 and his research has been featured in the *Wall Street Journal*, *ESPN The Magazine*, and *The Washington Post*.

### Impact of Chair of Excellence on TTU, College, and Programs

#### In 2022-23, Dr. Timmerman completed the following activities:

- Renewed the Mayberry Lecture Series and hosted Dr. Ron Marston as the 2022 Mayberry Lecturer.
- Served as President for the Upper Cumberland Chapter of the Society for Human Resource Management (SHRM). Presented with Dr. Jaime Williams on "Building Employee Engagement" at a monthly meeting.
- Hosted the Upper Cumberland SHRM Supervisor Training Workshop at Tennessee Tech. Presented on "Communicating for Impact."
- Trained and served as an examiner for the Tennessee Center for Performance Excellence.
- Co-Investigator on \$5,000,000 grant proposal: "The Artemis III Geology, Extravehicular Activity, Operations, and Sampling (GEOS) Team." Serving as team building and leadership expert for a team of geologists proposing geological science activities for NASA's return to the moon (Artemis III). Decision is expected in October 2023.

#### The Mayberry Professor and Associate Dean, Dr. Ramachandran Natarajan, actively supported the Chairholder through a variety of activities:

- Panelist: "Shadows of F.W. Taylor in Contemporary Management Teaching and Practice," Society for Advancement of Management Conference, March 17, 2023, Nashville, TN.
- Facilitated collaboration between Tennessee Tech's Water Center and Aqua Map Center <https://aquamap.iitm.ac.in/> of Indian Institute of Technology, Madras, India.
- Participated on the International Advisory Board of the ISDSI-Global Conference and was a panelist on the topic of business school accreditation at the ISDSI-Global Conference.

### Recommendations to Enhance the Effectiveness of the Program

In Summer 2023, Dr. Timmerman stepped down as Department Chair and helped revise the job description of the Mayberry Chair. Moving forward, the Mayberry Chair of Excellence will support on-campus events, corporate outreach, professional education, and research. The program would benefit greatly from professional assistance devoted to outreach activities

# Tennessee Technological University

## Jesse E. Owen Chair of Excellence in Emerging Technologies, System Management, IT Human Resources and Strategic Management

### Status of the Chair of Excellence

The *Jesse E. Owen Chair of Excellence's* mission is to conduct research projects to discover and validate new practical knowledge; use this knowledge to enhance undergraduate and graduate teaching; and provide service to the university, and the profession. The current focus of the chair is managing and leveraging IT for business innovation and decision-making. An integral part of this chair is to promote Tennessee Tech's image throughout the world through publications and presentations. The current Chair Holder is Dr. Tor Guimaraes.

### Impact of Chair of Excellence on TTU, College, and Programs

Dr. Tor Guimaraes received the prestigious Caplenor Research Award twice and has been rated by several independent sources as one of the most productive researchers in the world based on publications in top IT journals. He continuously works on several research projects, serves on the editorial board of many professional journals, and advises other researchers on their projects nationally and internationally. Below are some publications and presentations for this year.

#### Publications (2022-23):

- Guimaraes, T., and Paranjape K., "Assessing Some Important Factors for BDA Project Success", *International Journal of Applied Logistics*, Vol. 12 Issue 1, (2022), pp. 1-29.
- Guimaraes, T., Caccia-Bava, Smith, S., and Mabrey, J., "Testing Some Strategic Determinants of Hospital Quality", *International Journal of Healthcare Information Systems and Informatics*, Vol 17 Issue 1, (2022), pp. 1-21.
- Guimaraes, T., and Paranjape, K., "Radical versus Incremental Product Changes as Moderator for NPD Success", *SAM Advanced Management Journal*, Vol. 87 Issue 3, (2022) pp. 14-38.
- Guimaraes, T., Walton, M., and Paranjape K., "Determinants of Customer Loyalty in a Cloud Computing Environment", *International Journal of Cloud Application and Computing*, Vol 12 Issue 1, (2022) pp1-21.

#### Presentations (2022-23):

- Guimaraes, T., Armstrong, C., and Baidoo E., "Exploring BDA Adoption Differences Between Small and Large Organizations", SBI Conference, April 2023, Denver CO.
- Guimaraes, T., Bell, R, and Marston. R, "Exploring the Many Dimensions of Organization Culture", SAMIBC, March 2023, Nashville TN.
- Turner, K., Guimaraes, T., and Bell, R., "The Two Faces of Corporate Social Responsibility", SAMIBC, March 2023, Nashville TN.

### Recommendations to Enhance the Effectiveness of the Program

The Chair of Excellence's travel budget is low relative to the objective of disseminating knowledge at national and international meetings. Additional funding for this purpose is recommended.

## University of Memphis 2022-2023

Chair of Excellence	Date Established	Chairholder
1) Bornblum Chair of Excellence in Judaic Studies	March 1987	Dr. Shaul Bar
2) W. Harry Feinstone Chair of Excellence in Molecular Biology	Sept 1984	Dr. Tom Sutter
3) Jabie Sanford Hardin III Chair of Excellence in Combinatorics & Graph Theory	Aug 1993	Dr. Bela Bollobas
4) Lillian and Morrie Moss Chair of Excellence in Computer Science	June 1987	Dr. Santosh Kumar
5) Lillian and Morrie Moss Chair of Excellence in Philosophy	Dec 1986	Dr. Shaun Gallagher
6) Lillian and Morrie Moss Chair of Excellence in Psychology	March 1991	Vacant
7) Plough Chair of Excellence in Audiology and Speech-Language Pathology	Aug 2000	Dr. D. Kimbrough Oller
8) William N. Morris Chair of Excellence in International Economics	June 1987	Dr. David Kemme
9) Robert Wang Chair of Excellence in International Business	June 1987	Dr. Kristen Jones (effective Fall 2023)
10) Sparks Family Chair of Excellence in Global Research Leadership	Dec 1996	Dr. Christos Papadopoulos
11) Sales and Marketing Executives Inc. Chair of Excellence in Sales	June 1986	Vacant
12) James T. Thompson Chair of Excellence in Accounting Education	Sept 1986	Dr. Steve Lin
13) Thompson-Hill Chair of Excellence in Accountancy	June 1986	Dr. Zabihollah Rezaee
14) Morris S. Fogelman Chair of Excellence in Real Estate	June 1986	Dr. Mark A. Sunderman
15) Wunderlich Chair of Excellence in Finance	March 1987	Dr. Konstantin Sokolov (effective Fall 2023)

Chair of Excellence	Date Established	Chairholder
16) Chair of Excellence in Free Enterprise Management	June 1987	Dr. James Vardaman
17) Federal Express Chair of Excellence in Management Information Systems	June 1989	Dr. Huigang Liang
18) Dorothy Kayser Hohenberg Chair of Excellence	June 1988	Victor Coonin
19) Helen and Jabie Hardin Chair of Excellence in Economics/Managerial Journalism	June 1995	Vacant
20) Lillian and Morrie Moss Chair of Excellence in Urban Education	March 1991	Dr. Beverly Cross
21) Herbert Herff Chair of Excellence Biomedical Engineering (I)	June 1987	Dr. Joel Bumgardner
22) Herbert Herff Chair of Excellence Biomedical Engineering (II)	March 1987	Dr. Gary Bowlin
23) Herbert Herff Chair of Excellence in Law	Sept 1984	Adam Feibelman Jan-June 2023; Demetria Frank Jan-June 2023
24) William A. and Ruth F. Loewenberg Chair of Excellence in Nursing	June 1988	Dr. Leanne Lefler

# University of Memphis

## Bornblum Chair of Excellence in Judaic Studies

### Status of the Chair of Excellence

The *Bornblum Chair of Excellence in Judaic Studies* was established in 1987. The program was established through an endowment from Bert and David Bornblum, brothers and Jewish immigrants from Poland who came to the United States in 1938 but lost their entire family in the Holocaust. Currently, the endowment provides support for a minor in Judaic Studies and the Bachelor's in Liberal Studies with a concentration in Judaic Studies. Dr. Shaul Bar, Professor of Judaic Studies, is the current chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 2 books, 4 journal articles.

- Dr. Bar published two books: *Samuel, the Man of God*. Wipf and Stock 2022. *This book portrays the life of Samuel* and *Here Comes the Dreamer: The Joseph story*. Wipf and stock 2023. Joseph's image in the Midrash and Talmud.
- Dr. Bar published four journal articles;
  - "You shall not Eat with Blood." *Jewish Bible Quarterly* September 2022. The reason for the prohibition against eating bloody food.
  - "Was Samuel a Priest?" *Jewish Bible Quarterly* March 2023. There are several titles that label Samuel a priest, a prophet, a seer, a judge, and the man of God. So, who was Samuel?
  - "Nefesh Ruach and Neshama" *Hebrew Studies* under review. The three terms are generally rendered into English as "soul" Are these terms in fact identical, or in fact quite different.
  - "Saul a state builder" *Old Testament Essays* under review. The role of Saul as the first king of Israel.

#### Presentations: 0

#### External Grants and Contracts: 0

#### Service Contributions: (professional, university, and community)

- Dr. Shepkaru, "Isaac from Moriah to Modernity" 2023.
- Dr. Arav, "Ancient Israel in light of Archeology", 2023.
- Dr. Bar organized lectures as part of my service to the community and continued effort to enhance the ties between the University and the Jewish community.

### Recommendations to Enhance Effectiveness of the Program

Dr. Bar will coordinate efforts to 'graduate' the concentrations in religious studies and Judaic studies from their incubation in the bachelor's in liberal studies to become a standalone major in religious studies (with an optional concentration in Judaic studies) in the Bachelor of Arts program.

# University of Memphis

## W. Harry Feinstone Chair of Excellence in Molecular Biology

### Status of the Chair of Excellence

Established in 1984, the *W. Harry Feinstone Chair of Excellence in Molecular Biology* was the first Chair of Excellence at the University of Memphis. Dr. Thomas Sutter, Professor of Biological Sciences and Chemistry, is the current chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 3

- Dr. Sutter published three manuscripts, one in press, one in print and one meeting proceedings. One manuscript included an undergraduate author. Dr. Sutter's work was cited more than 350 times; his h-index increased to 57.

#### Presentations: 2

- Dr. Sutter was invited to speak at an international meeting related to his funded research.
- Dr. Sutter gave a "bioblitz" talk on his most recently funded research to graduate students.

#### External Grants and Contracts: 3

- Dr. Sutter had three National Institute of Health (NIH) awards totaling more than \$3 million (multi-year grants) in support of his research on the aryl hydrocarbon receptor. This funding supports students, postdoctoral fellows, and research support staff.
- Dr. Sutter submitted a competing continuation of one of these grants.

#### Service Contributions (professional, university, and community):

- Dr. Sutter served on three editorial boards (two international) and performed many ad hoc reviews. He is active in several scientific societies related to his scholarship in toxicology, cancer, and skin biology.
- Dr. Sutter served on a NIH/National Institute of Environmental Health Sciences (NIEHS) career review panel (RIVER R35).
- Dr. Sutter served on multiple university committees at all levels of administration. Most of his service relates to the research mission of the University.

### Recommendations to Enhance the Effectiveness of the Program

Continue research and service efforts, thus providing local, national, and international recognition of the university.



# University of Memphis

## Jabie Sanford Hardin III Chair of Excellence Combinatorics

### Status of the Chair of Excellence

The *Jabie Sanford Hardin III Chair of Excellence in Combinatorics* was established in 1993. Dr. Bela Bollobas, Professor of Mathematical Sciences, is the current chairholder.

### Impact of Chair of Excellence of UofM, College and Programs

**Summary of Publications:** Three (3) publications: 2 journal articles and 1 electronic print article

- Journal article: "Universality for two-dimensional critical cellular automata". Bollobás, Béla; Duminil-Copin, Hugo; Morris, Robert; Smith, Paul. *Proc. Lond. Math. Soc.* (3) 126 (2023), no. 2, 620–703.
- "Remarks on a paper of J. Barát and P. P. Varjú." Béla Bollobás. *J. Théor. Nombres Bordeaux* **34** (2022), no. 2, 515–516.
- "Large sumsets from medium-sized subsets". Béla Bollobás, Imre Leader, Marius Tiba. arXiv:2206.09366

#### **Presentations: 1**

- *Short Course: The Art of Problem Solving.* A series of lectures which were a part of a two-month program in Combinatorics at Instituto Nacional de Matemática Pura e Aplicada (IMPA), Rio de Janeiro, Brazil, a major international research center in Combinatorics (January 9-March 9, 2023).

#### **External Grants and Contracts: 1**

- **One active grant**, "Applications of Probabilistic Combinatorial Methods", National Science Foundation, \$405,000, 6/1/19-5/31/23.

#### **Service Contributions (professional, university, and community):**

- Served on the Combinatorics Departmental Faculty and Postdoctoral Hiring Committee and assisted in recruiting exceptional candidates.
- Served on the Promotion Committee of Faculty of Science of Kuwait University, State of Kuwait
- Served as Founder and Editor-in- Chief of *Combinatorics, Probability and Computing* and served on the editorial board for 9 academic journals.
- Organized some combinatorics seminars during Fall 2022.
- Organized a combinatorics workshop during Fall 2022. Recent U of M graduates and postdocs and graduate students from the University of Cambridge attended and gave presentations and seminars.
- Elected member of ABC (Academia Brasileira Ciências), the Brazilian Academy of Sciences

### Recommendations to Enhance Effectiveness of the Program

Continue publication, external funding identification, and speaking schedule thus providing the University of Memphis with international recognition. Opportunities for service within the university will be identified to maximize University of Memphis benefit from our Chairholder's expertise.

# University of Memphis

## Lillian and Morrie Moss Chair of Excellence in Computer Science

### Status of the Chair of Excellence

The *Lillian and Morrie Moss Chair of Excellence in Computer Science* was created in 1987. Dr. Santosh Kumar, Professor of Computer Sciences, is the current chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 4

- Dr. Kumar published a paper led by advisees that solved a long-standing problem of predicting the smoking lapse of newly abstinent smokers using wearable sensor data. It was published in the Association for Computing Machinery – Interactive, Mobile, Wearable and Ubiquitous Technologies (ACM IMWUT) Journal.
- Dr. Kumar published a paper with collaborators at NeurIPS. With an h5-index of 309, this is one of the ten highest-impact publication venues in any discipline as per Google Scholar.
- Dr. Kumar's citations, per published article is 90+.

#### Presentations: 6

- Dr. Kumar gave two presentations at Ohio State and University of California Irvine, two at Computing Conferences (ACM SIGKDD Trustworthy AI Day and IEEE EMBC Workshop), one at a federal meeting jointly hosted by the National Science Foundation (NSF) and NIH, and one at the Annual Science Writers meeting.

#### External Grants and Contracts: 5

- These grants include a \$5.9 million NIH Center funded five doctoral students and six employees.

#### Service Contributions (professional, university, and community):

- Dr. Kumar chaired the Computer Science faculty search committee and participated in the Strategic Planning Committee and Centers and Institutes Task Force for University of Memphis Research Council (UMRC).
- Dr. Kumar served as director of the mDOT and MD2K Center and supervised six employees, four of whom have received outstanding employee awards.
- The centers receive wide attention, and the websites were viewed 370,000 times by 112,000 unique users. Videos of lectures and webinars were viewed for 4,000 hours. The centers also launched a Twitter and TikTok media presence to increase viewership.
- Dr. Kumar served as a core faculty and a co-organizer of week-long mHealth Training Institute that trained 30 young faculty members in multiple disciplines on interdisciplinary mHealth research from over 20 different universities.
- Dr. Kumar served in the editorial board of ACM Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT) and Nature Digital Medicine journals.
- Dr. Kumar began mentoring a faculty member from Harvard Medical School.
- Dr. Kumar co-founded a Public Benefit Corporation (called CuesHub) that licensed a wearable AI technology our research team had developed for stress detection from smartwatches.

### Recommendations to Enhance Effectiveness of the Program

Continue excellent publications, external funding, and extensive speaking schedule thus providing the University of Memphis with national prominence and international recognition.

# University of Memphis

## Lillian and Morrie Moss Chair of Excellence in Philosophy

### Status of the Chair of Excellence

The *Lillian and Morrie Moss Chair of Excellence in Philosophy* was established in 1986. Dr. Shaun Gallagher, Professor of Philosophy, is the current chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 23:

- Published two books; two translations of books; one Special Issue Journal; nine journal articles; five chapters; four translated papers (in Korean, *Portuguese, French and Italian*). H-index 80; Citations: 41,198 (Google Scholar, as of July 18, 2023). Ranked 4<sup>th</sup> most cited living philosopher by most recent Scopus report.
- Gallagher, S. (2023). *Embodied and Enactive Approaches to Cognition*. Cambridge University Press.
- Gallagher, S. and Zahavi, D. (2023). *Bewusstsein: Phänomenologie und Kognitions-wissenschaften*. Trans. Thiemo Breyer. Alber Verlag (German translation of *The Phenomenological Mind*).
- Gallagher, S. (2022). *Phenomenology*. London: Palgrave-Macmillan. 2<sup>nd</sup> ed.

#### Presentations: 17: including two keynotes; one plenary lecture, seven on Zoom

- In person: Milan, Rome, Molise, Parma, and Taormina, Italy (2); Copenhagen; Bodo, Norway; Braga, Portugal; Lisbon, Portugal; Wollongong, Australia. On Zoom: Molise, Italy; Seoul, Korea; Oxford, UK; Bucharest, Romania; Bavaria, Germany; Cluj-Napoca, Romania; Freiburg, Germany.

#### External Grants and Contracts: 6 as co-investigator.

- 2021-24 Multimodal Signaling and Communication Analysis: The Communication Styles of World Leaders. National Science Foundation. Grant: #2117009. (\$499,324).
- 2023-25 Understanding the roles of self and society in pain-related suffering and empowering people living with pain to shape novel research on their lived experience. Social Sciences and Humanities Research Council (SSHRC-Canada) – Insight Development Grant (IDG). (\$69,785).
- 2021-24 A Study of Embodied Mind. *National Research Foundation of Korea*. (\$200k).
- 2023. More than the minimal self: Towards a phenomenology of self-patterns in psychopathology. *The Renewing Phenomenological Psychopathology Project*. Wellcome Trust, UK (£10k).
- 2021-23 The Interacting Self: From Self-Consciousness to Social Interactions in Human and Artificial Agents. Fundação para a Ciência e a Tecnologia (FCT), Portugal. (€250k).
- 2017-22 Minds in skilled performance. Australian Research Council. DP170102987 (AU\$263k).

#### Service Contributions (professional, university, and community): >9

- **Professional:** Served as editor-in-chief of the journal *Phenomenology and the Cognitive Sciences*. Served as external reviewer for the European Science Foundation; for a Habilitation defense, Sociology, Universität Konstanz; and for Tenure and Promotion at Worcester Polytechnic Institute. Serves on multiple editorial and advisory committees.
- **Department/university:** Serves on several departmental committees and organized the Spindel Conference: Relational autonomy and collective intentionality.

### Recommendations to Enhance Effectiveness of the Program

Continue record of national and international activity and external funding, while remaining active at the University of Memphis and in the regional scientific community.

# University of Memphis

## Lillian and Morrie Moss Chair of Excellence Psychology

### Status of the Chair of Excellence

The *Lillian and Morrie Moss Chair of Excellence in Psychology* was established in 1991. This chair is currently vacant.

The provost is meeting with the dean of the college and the department chair to prioritize and develop appropriate plans to identify the next chairholder to ensure alignment with college and university priorities.

# University of Memphis

## Plough Chair of Excellence in Audiology and Speech-Language Pathology

### Status of the Chair of Excellence

The *Plough Chair of Excellence in Audiology and Speech-Language Pathology* was established in 2000. Dr. D. Kimbrough Oller, Professor in the School of Communication Sciences and Disorders (CSD) is the current chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 4

- Dr. Oller's four peer-reviewed publications provided new perspectives on vocal development in infancy, the origin of language in hominin history, and both methods of early identification of communication disorders and potential intervention strategies.

#### Presentations: 9

- Invited guest speaker for a seminar series at Columbia University, NYC; seminar series at Vanderbilt University; conference organized and sponsored by MIT.
- Co-authored five papers regarding early vocal development, foundations of language, and the emergence of autism; presented a poster with his graduating master's student at the same American Speech-Language Hearing Association (ASHA) convention.

#### External Grants and Contracts: 1

- Served as the subrecipient principal investigator on a five-year National Institute on Deafness and Other Communication Disorders (NIDCD) Career Development Award (July 1, 2022, through June 30, 2027) to Dr. Tanjala Gipson of the University of Tennessee Health Science Center with a subcontract to the University of Memphis.

#### Service Contributions (professional, university, and community):

- Served on University of Memphis Research Council, the Chairs of Excellence Committee, the PhD Program Committee, the Dean's Advisory Committee, and the Tenure and Promotion Committee; served as a consultant and collaborator on research regarding vocal development, evolution of language, and the detection of disorders of communication, working with 22 universities and research institutes in the US, Europe, and Asia.
- Dr. Oller is a member of the Scientific Advisory Board of the LENA Foundation in Colorado, and a permanent external faculty member of the Konrad Lorenz Institute for Evolution & Cognition Research, Klosterneuburg, Austria; member, editorial board of the journal *Biological Theory*.
- Dr. Oller is a primary faculty participant in the Institute for Intelligent Systems.
- Dr. Oller is a lifetime member of ASHA and received its highest award in 2013.
- Dr. Oller is a lifetime fellow of the American Association for the Advancement of Sciences.

### Recommendations to Enhance Effectiveness of the Program

Dr. Oller is a valued member of the CSD community. He has submitted some grants, but success has come lately in more collaborative efforts. Ways that he can continue being effective and support the school include continue offering support on grant writing to junior faculty and doctoral students; continue serving as a senior tenured faculty member on promotion and tenure review committees and mentor new committee members; continue representing CSD on University committees, as well as contribute insight to the research enterprise of the University.

# University of Memphis

## William N. Morris Chair of Excellence in International Economics

### Status of the Chair of Excellence

The *William N. Morris Chair of Excellence in International Economics* was established in 1987. Dr. David Kemme, Professor of Economics, is the current Chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 3

- Dr. Kemme published two A and A+ level journal articles (both with recent PhD students).
- Dr. Kemme published one book chapter (with recent PhD student)

#### Presentations: 5

- Four presentations: one local, one at Sacred Heart University, and one national and two international conferences on data science, illegal immigration and economic reform and transition in Eastern Europe and the Soviet Union economic systems
- Memphis Data Science Annual Conference, Conference Co- Chair (two-day conference with multiple speaking occasions)

#### External Grants and Contracts: 0

#### Service Contributions (professional, university, and community): 18

- **Professional:** serves as co-editor, member of the Editorial Board, and member of Advisory Committee for three international journals, Member of the Executive Board and/or Executive Committee of two International academic societies.
- **University:** Trustee, and Chair of Academics, Research and Student Success Committee of the University of Memphis Board of Trustees
- **College:** Fogelman College of Business and Economics (FCBE) Tenure and Promotion Committee
- **Economics Department:** Graduate Programs Committee, Assistant Professor Search Committee; served on PhD Committees for four students in economics and finance.
- **Data Science Program:** Co-Director FedEx Institute of Technology Data Science Research Cluster; MS Data Science Academic program: Assistant Professor Search Committee (twice), post-doc search committee (twice)
- **Community:** Memphis Data Science Annual Conference, Conference Co-Chair

### Recommendations to Enhance Effectiveness of the Program

The Chair of Excellence (COE) is encouraged to seek external grants since this is a strategic priority for the college and university. The COE is further encouraged to increase the number of premier (A+) publications in Economics journals.

**University of Memphis**  
**Robert Wang Chair of Excellence in International Business**

**Status of the Chair of Excellence**

The *Robert Wang Chair of Excellence in International Business* was established in 1987. Dr. Kristen Jones will be the chairholder effective fall 2023.

# University of Memphis

## Sparks Family Chair of Excellence in Global Research Leadership

### Status of the Chair of Excellence

The *Sparks Family Chair of Excellence in International Business* was created in 1996 and was renamed the Sparks Family Chair of Excellence in Global Research Leadership in 2019. Dr. Christos Papadopoulos, Professor of Computer Science, is the current chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 2

- Workshop: Paving the Road to Future Automotive Research Datasets: Challenges and Opportunities. November 2022
- An Argument for NDN Bridges in Hierarchical In-Vehicle Networks, Zachariah Threet (Tennessee Tech, USA); Christos Papadopoulos (University of Memphis, USA); Susmit Shannigrahi (Tennessee Technological University, USA) VNC 2023

#### Presentations: 3

- PIVOT: Platform for Innovative Use of Vehicle Open Telematics (Oct 2022) Presented at the Connected Vehicle Systems Alliance (COVESA) All Members Meeting
- Lightning Talk: PIVOT: An Open Community Platform for Sharing Vehicle Telematics Data for Research and Innovation (Dec 2022) Presented at the Automotive Grade Linux Summit
- PIVOT: Catalyzing the Community Around Collection and Sharing of Automotive Research Datasets (presented by David Balenson, USC Information Sciences Institute) (June 2023), Embedded Security in Cars (ESCAR) 2023.

#### External Grants and Contracts: (3 continuing, 1 new)

- UoM and Florida International University (FIU) are partnering on project LaSIC (Labeled Security Information Capture) to support the National Science Foundation's (NSF) mission to secure scientific assets (\$599,647.00).
- UoM, Colorado State University, and SRI International are collaborating with commercial telematics service provider Geotab to build PIVOT (\$1.81M).
- EAGER: Community Continuous Distributed Internet Traffic Datasets (C2DIT) project will make available continuous, distributed, and multimode datasets currently being collected at three Research and Education Networks (RENs) (\$299,582).
- Research Experiences for Undergraduates (REU) Supplement for PIVOT will support active research participation by undergraduate students (\$16,000).

#### Service Contributions (professional, university, and community): 10

- **External Service:** National Science Foundation panelist; Technical Program Committee (TPC) co-chair and member, ICN 2023; International Federation for Information Processing Networking 2023; TPC member, ESCAR 2023; TPC member, CloudNet; Panel organizer National Institute of Standards and Technology Community (NDNComm).
- **Internal Service:** Department Tenure and Promotion (T&P) chair and College representative; Department Faculty Search committee.

### Recommendations to Enhance Effectiveness of the Program

Continue research and service efforts, thus providing local, national, and international recognition of the university. We will continue to invest in faculty lines relevant to building around the autonomous vehicle expertise of our current Sparks Family Chairholder.



# University of Memphis

## Sales and Marketing Executives Inc. Chair of Excellence in Sales

### Status of the Chair of Excellence

The *Sales and Marketing Executives, Inc. Chair of Excellence in Sales* was established in 1986. This chair is currently vacant.

### Impact of Chair of Excellence on UoM, College and Programs

None

### Recommendations to Enhance Effectiveness of the Program

The vice president for research and innovation and the provost are meeting with the dean of the college to prioritize and develop appropriate plans to identify the next chairholder to ensure alignment with college and university priorities.

# University of Memphis

## James T. Thompson Chair of Excellence in Accounting Education

### Status of the Chair of Excellence

The *James T. Thompson Chair of Excellence in Accounting Education* was created in 1986. The current chairholder is Dr. Steve Lin, Professor of Accountancy.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 2 papers

- Lin, S., Liu Z., and Kang, Y., and Tuo, L. (2023), Market Reaction to Accelerated Form 20-F Filing Deadline, *Journal of Accounting and Public Policy*, Volume 42, Issue 3. <https://doi.org/10.1016/j.jaccpubpol.2022.107050> (rated as an A journal in the CSOA)
- Lin, S., Sawani, A., and Wang, J. (2023), Managerial Stock Ownership, Debt Covenants, and Cost of Debt, *Pacific-Basin Finance Journal*, Volume 77 <https://doi.org/10.1016/j.pacfin.2022.101917> (rated as an A journal in the Department of Finance).

#### Academic presentations: 3 papers

- The effect of International Accounting Standards and the Financial Accounting Standards (IASB-FASB) convergence on the nature of U.S. GAAP and International Financial Reporting Standards IFRS (University of California Riverside)
- Pricing and Mispricing of Other Comprehensive Income: Do the Presentation Prominence and Predominance matter? (University of Texas at RGVL, St Mary University, University of Cincinnati, 2023 Journal of Accounting, Auditing and Finance (JAAF), and European Accounting Association (EAA) conferences)
- Market reaction to the Holding Foreign Companies Accountable Act (2023 EAA conference)

#### External Grants and Contracts: 0

#### Service Contributions (professional, university, and community): 8

- Dr. Lin served as Senior editor of *Journal of International Accounting Research*, one of the American Accounting Association journals
- Dr. Lin is a *Journal of International Accounting Research* annual conference committee member
- Dr. Lin served as the conference organizer of the Tenth Journal of International Accounting Research 2023 Annual Conference

Other service included:

- PhD program coordinator up to November 2022
- PhD program committee member
- Tenure and promotion committee member
- Reviewer for several accounting journals
- External reviewer for five tenure and promotion cases in different universities

### Recommendations to Enhance Effectiveness of the Program

The Chair of Excellence (COE) is encouraged to seek external grants since this is a strategic priority for both the college and university. Additionally, the COE is encouraged redouble efforts to publish research in premier (A+) accounting journals.

# University of Memphis

## Thompson-Hill Chair of Excellence in Accountancy

### Status of the Chair of Excellence

The *Thompson-Hill Chair of Excellence in Accountancy* was created in 1986. Dr. Zabihollah Rezaee, Professor of Accountancy, is the current chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 20

- Several of Dr. Rezaee's papers are published in A+ and A ranked journals. Many publications are coauthored with former PhD students in the Crew School of Accountancy and with international colleagues. These publications cover a broad range of topics from business sustainability to corporate governance, professional ethics, auditing, financial accounting, capital markets, information technology and intellectual capital.

#### External Grants and Contracts: 0

#### Service Contributions (professional, university, and community): 5

- Served on the University of Memphis SRI Budget Committee including Phases 1 & 2 Budget Model Steering Committee.
- Served on the Publication Committee of the American Accounting Association (AAA) in 2022 and 2023.
- Reviewed the Master of Accounting and Information Systems program at the College of Business and Economics of Qatar University on March 20, 2023
- Reappointed as the senior editor of the Journal of Forensic Accounting Research (JFAR) of the publications of the American Accounting Association (AAA) for the second term (2022-2025).
- Served as the chair of the Faculty Senate Budget and Finance Committee to conduct review of educational and financial sustainability of all Academic Affairs Unites at the University of Memphis in 2022/2023.

### Recommendations to Enhance Effectiveness of the Program

The Chair of Excellence (COE) is encouraged to seek external grants since this is a strategic priority for both the college and university. Additionally, the COE is encouraged redouble efforts to publish research in premier (A+) accounting journals

# University of Memphis

## Morris S. Fogelman Chair of Excellence in Real Estate

### Status of the Chair of Excellence

The *Morris L. Fogelman Chair of Excellence in Real Estate* was established in 1986. The current chairholder is Dr. Mark Sunderman, Professor of Finance, Insurance, and Real Estate.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 2

- These publications are in top recognized peer reviewed journals. One of these publications deals with the topic of blight where Dr. Sunderman brings the University of Memphis unique exposure by working with international co-authors, an international subject location, and the research results are published in an internationally highly recognized journal.
- Two papers are under 2<sup>nd</sup> round review in A+ and A journals (based on the Finance, Insurance & Estate Department journal listing) and also currently working on multiple research projects with current and former PhD students.

#### Presentations: 3

- Traditional Arbitrage and REITs (with Pawan Jain, Jared Linna and Frank SanPietro), *American Real Estate Society* conference, April 2023.
- Green Bonds Funding Green Buildings: Significance of Project Identifications on Bond Yield (with Pawan Jain, Jared Linna and Frank SanPietro) *American Real Estate Society* conference, April 2023.
- Revisiting Measures of Property Tax Vertical Inequity (with Jason De Freitas), *American Real Estate Society* conference, April 2023.

#### External Grants and Contracts: 2

- Obtained scholarship funds from the Memphis Chapter of Lambda Alpha International (\$6000 annual support for 3 real estate students). These scholarship winners are also guests at the chapter meetings of Lambda Alpha International.
- Involved in developing a major NIH external grant. Grant to be submitted later in 2023.

#### Service Contributions (professional, university, and community)

- Continued service as a senior faculty member in the College and Department. This entails working with PhD students, overseeing the real estate academic programs, program development and student recruitment efforts, and multiple committee assignments.
- Member of the Faculty Senate and the Faculty Senate Executive Committee.
- Governor appointed member of the Tennessee Real Estate Appraiser Commission.
- Board member on the Orange Mound Neighborhood Development Corporation, Inc.
- Board member of the local chapter of Lambda Alpha International, Student & Academic Outreach Advisory Board (national committee) for Institute of Real Estate Management, member of the leadership team of the American Real Estate Society, and involvement in multiple local and national academic and professional organizations.

### Recommendations to Enhance Effectiveness of the Program

The Chair of Excellence (COE) is encouraged to seek external grants since this is a strategic priority for both the college and university. Additionally, the COE is encouraged redouble efforts to publish research in premier (A+) finance and real estate journals.

## University of Memphis Wunderlich Chair of Excellence in Finance

### Status of the Chair of Excellence

The *Wunderlich Chair of Excellence in Finance* was established in 1987. Dr. Konstantin Sokolov will be the chairholder effective fall 2023.

# University of Memphis

## Chair of Excellence in Free Enterprise Management

### Status of the Chair of Excellence

The *Chair of Excellence in Free Enterprise Management* was established in 1987. Dr. James Vardaman, Professor of Management, is the current chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 6

- Dr. Vardaman authored six publications in peer reviewed journal articles. Of those six, four were published in journals ranked at the A+ or A level on the Fogelman College. Three of the articles were collaborations with current Fogelman College Graduate students.

#### Presentations: 6

- Dr. Vardaman presented six papers at national conferences. Two of the presentations were to the most prestigious professional associations in the field of management, the Academy of Management and the Southern Management Association.
- Four of the papers presented were collaborations with Fogelman College Graduate students.

#### External Grants and Contracts: 1 under review

- Dr. Vardaman submitted a \$615,000 grant proposal to the Army Research Institute to study soldiers' work effectiveness during uncertain conditions. The proposal is under review by the funding agency.

#### Service Contributions (professional, university, and community): 14

- Dr. Vardaman is an Associate Editor at three journals, one of which is on the Fogelman College A list and two on the Fogelman College B list.
- Serves on the Editorial Board of three journals on the Fogelman College A+ list, and each is also on the *Financial Times* 50 journal list.
- Serves on the Tenure and Promotion Committee, the College Continuous Improvement Committee, and is the Management Department's PhD program coordinator in the Fogelman College.
- Serves on the committee that judges seed grant proposals in the Crews Center for Entrepreneurship.
- Advises student entrepreneurs in the Crews Center for Entrepreneurship.
- Elected Division Chair by the Organizational Change Division of the Academy of Management

### Recommendations to Enhance Effectiveness of the Program

The Chair of Excellence is encouraged to continue his focus in seeking external grants since this is a strategic priority for the college and the university.

# University of Memphis

## Federal Express Chair of Excellence in Management Information Systems

### Status of the Chair of Excellence

The *Federal Express Chair of Excellence in Management Information Systems* was established in 1989. The current chairholder is Dr. Huigang Liang, Professor of Business Information and Technology.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 21

- Dr. Liang has published 17 journal articles and four conference papers covering a variety of disciplines including information systems, healthcare, corporate performance, and others, many with international implications.

#### Presentations: 6

- Dr. Liang was invited to speak and participate in panel discussions as an expert on information security by universities in the U.S. and internationally.

#### External Grants and Contracts: 3

- Dr. Liang continued his work on three multi-year external research grants from FedEx, NIH, and Sloan Foundation. These research projects include a variety of important topics that are crucial to business success, public health, and technology advancement.

#### Service Contributions (professional, university, and community):

- Served on the editorial board on the three top journals in Information Systems, Information Systems Research, Journal of the Association for Information Systems, and Information & Management).
- Performed additional external duties such as journal reviewer, conference program chair, conference associate editor, grant reviewer, tenure and promotion reviewer, and dissertation reviewer.
- Membership on the University of Memphis Research Council and the Fogelman College Research Council.
- Other significant service to his department in the Fogelman College includes serving as PhD Coordinator, chairing the Target Journal List committee, and chairing two doctoral student dissertations.

### Recommendations to Enhance Effectiveness of the Program

No recommendations for enhancement. The Chair of Excellence performs at an exceptionally high level of quality and is expected to continue so in the future.

# University of Memphis

## Dorothy Kayser Hohenberg Chair of Excellence

### Status of the Chair of Excellence

The *Dorothy Kayser Hohenberg Chair of Excellence* was established in 1989. This is a rotating position in the Department of Art, specifically Art History, with a new chairholder each year. Dr. A Victor Coonin was the chairholder for Fall 2022-Spring 2023.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 6

- One new publication: "Donatello's Moment," *Art Quarterly*, Winter 2022, pp. 28-33. [Publication lists 130,000 readers]
- One new publication ready for submission: "Paolo Schiavo's Homage to Donatello" [will soon enter peer-review process]
- Four book reviews for *Choice Magazine* [brief reviews for College and University libraries]

#### Presentations: 2

- "Donatello: Sculpting the Renaissance," Hohenberg Chair of Excellence Lecture, Memphis Brooks Museum of Art, April 2023. [Diverse local audience]
- "Renaissance Lives: 'Donatello and the Dawn of Renaissance Art'," A. Victor Coonin (Rhodes College) in conversation with Fabio Barry, and François Quiviger (Warburg Institute), The Warburg Institute, School of Advanced Study, University of London, October 2022. [Wide scholarly audience]

#### External Grants and Contracts: 1

- Grant from the Council of Independent Colleges and the Samuel H. Kress Foundation to fund the upcoming seminar: *Power and Absence: Connecting Renaissance Art to Diverse Audiences*, hosted by the Memphis Brooks Museum of Art and Rhodes College, June 18-23, 2023 [Will include two scholars from the University of Memphis.]

#### Service Contributions: 6+

- Attended numerous department meetings and other gatherings, including art openings.  
**Summary from Dr. Coonin:** I have been supportive to my colleagues and students. I hope my contributions will continue going forward and I can act as a valuable contact through my regular role at Rhodes College where I be a continuing resource for the University of Memphis community. I continue to be an active contributor to professional and local organizations through volunteer, participatory, and other engagements.

### Recommendations to Enhance Effectiveness of the Program

The provost is meeting with the dean of the college to prioritize and develop appropriate plans to identify the next rotating chairholder to ensure alignment with college and university priorities.



**University of Memphis**  
**Helen and Jabie Hardin Chair of Excellence in**  
**Economics/Managerial Journalism**

**Status of the Chair of Excellence**

The *Hardin Chair of Excellence in Economics/Managerial Journalism* was established in 1995 through an endowment from Helen and Jabie Hardin to emphasize instruction in newsroom and media management within the Department of Journalism and Strategic Media. This chair is currently vacant.

**Impact of Chair of Excellence on UoM, College and Programs**

None

**Recommendations to Enhance Effectiveness of the Program**

The provost is meeting with the dean of the college to prioritize and develop appropriate plans to identify the next chairholder to ensure alignment with college and university priorities.

# University of Memphis

## Lillian and Morrie Moss Chair of Excellence in Urban Education

### Status of the Chair of Excellence

The *Lillian and Morrie Moss Chair of Excellence in Urban Education* was established in 1991. Dr. Beverly Cross, Professor of Instruction and Curriculum Leadership, is the current chairholder.

### Impact of Chair of Excellence on UofM, College, and Programs

#### Summary of Publications: 11

- Dr. Cross produced 10 publications for the year. Five of these publications are the result of grants that she was awarded and conducted scholarly activities around. These grants focused on several key scholarly areas of educational priority. The grants and articles concentrated on teacher retention, housing and urban development, open education resources, community engagement, and public health. The publications have local and national impact in their implications for the national teacher shortage, the significant role of housing and urban communities, learning accessibility for university students, and building strong connections between universities and local communities.

#### Presentations: 9

- Traditional and creative methods were used to disseminate the research methodologies, methods, findings, and implications nationally and locally. The presentations informed diverse important communities including scholars and practitioners. Primarily her presentations were anchored in education as a contributor to economic, health, and community partnerships. In addition to conference and invited addresses, she also shared her research through two national scholarly boards that she serves on.

#### External Grants and Contracts: 4

- The grants and contracts for the year were awarded from national, state, and local resources. The national contract is a multi-year award that focuses on the impact of housing development on neighborhoods and residents. The state grant is centered on meaningful strategies to improve course learning material accessibility. The local grant focused on identifying ways to ameliorate the national problem of teacher shortages. The scope of the impact of these grants is considerable because of the consequence of the findings to informing current practices and theories and research.

#### Service Contributions (professional, university, and community): 32

- Service and creating and sustaining partnerships are the anchors for Dr. Cross's service activities which span the campus, the community and Nation. Her service integrates her teaching and research together to make impacts in collaboration with local education agencies, nonprofit organizations, and with government and public officials.

### Recommendations to Enhance Effectiveness of the Program

Enhance communication and marketing promotion featuring the impactful work of the University's Chairs of Excellence (CoEs) such as monthly features in UofM publications. Seek input from the CoEs across the university to get their recommendations about enhancing the program which could involve (a.) CoEs collaborating on efforts demonstrating a shared commitment locally, statewide, and nationally and (b.) CoEs collaborating to offer cross-unit courses/seminars on research, job talks, teaching in higher education, etc.

# University of Memphis

## Herbert Herff Chair of Excellence Biomedical Engineering (I)

### Status of the Chair of Excellence

The *Herbert Herff Chair of Excellence in Biomedical Engineering (I)* was established in 1987. Dr. Joel Bumgardner is the current chairholder.

### Impact of Chair of Excellence on UofM, College, and Programs

#### Summary of Publications: 6

- Dr. Bumgardner was senior author on two publications from his lab.
- Dr. Bumgardner was co-author on four publications.

#### Presentations: 21

- Dr. Bumgardner and his team have given 21 presentations on their research work in the past year. Presentations were given at two regional conferences, Southeastern Biomaterials Conference at Georgia Tech Institute of Technology (6) and The Society for Biomaterials – Biomaterials Day at Vanderbilt University (6). Presentations were given at three national/international conferences: The Biomedical Engineering Society Annual Meeting (2), The Annual Meeting at of the Society for Biomaterials (6) and the American Association for Dental, Oral and Craniofacial Research (1). UG researcher, Ethan Wales received 2<sup>nd</sup> place award for UG research presentation at the Society for Biomaterials – Biomaterials Day Conference.

#### External Grants and Contracts: 1

- Dr. Bumgardner is currently funded by a National Institutes of Health grant that is focused on his innovative development of electrospun chitosan membranes for guided bone regeneration in dental applications.

#### Service Contributions (professional, university, and community): 4

- Panelist on Professional Development/Career Choices at the Society for Biomaterials 2022 Annual meeting; Advocating for Biomedical Engineering Research at the 2022 Annual Biomedical Engineering Society conference.
- Chair of the Biomaterials Review Committee for the American Institute of Medical & Biological Engineering.
- Member of the US Society for Biomaterials Diversity, Equity and Inclusion; Biomaterials Planning committees; and UofM ASPIRE team.
- Associate Editor of the Journal of Biomedical Materials Research Part B: Applied Biomaterials; chair of the UofM Biomedical Engineering Department; co-chair of the UofM-UTHSC Joint Program in Biomedical Engineering; serves on review panels for NIH and DoD programs.

### Recommendations to Enhance Effectiveness of the Program

Dr. Bumgardner should be commended for his excellent and novel research efforts in the area of guided bone regeneration. As a thought leader, his impact will be further enhanced by the award of a NIH R01 grant, as well as an increase in the number of doctoral students supervised.

# University of Memphis

## Herbert Herff Chair of Excellence Biomedical Engineering (II)

### Status of the Chair of Excellence

The *Herbert Herff Chair of Excellence in Biomedical Engineering II* was established in 1987. Dr. Gary L. Bowlin, Professor of Biomedical Engineering, is the current chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 15

- Senior author on four peer-reviewed journal articles
- Co-authored ten abstracts presented at the Biomedical Engineering Society and the Tissue Engineering and Regenerative Medicine Society

#### Presentations: 1

- Presented one invited lecture.

#### External Grants and Contracts: 1

- Dr. Bowlin had one new external grant during this reporting period. This was funded by the National Institutes for Health (NIH), for his novel research on tissue regeneration template-neutrophil interactions.

#### Service Contributions (professional, university, and community): 7

- Dr. Bowlin maintains active memberships in multiple professional organizations and is currently serving on nine journal editorial boards.
- Served as President for the International Society for Biomedical Polymers and Polymeric Biomaterials.
- Served as treasurer and member of the Executive Committee for the International Society of Applied Cardiovascular Biology.
- Served on the national student affairs committee for the Biomedical Engineering Society
- Served as Associate Director for the Tennessee Institute for Regenerative Medicine (TNIRM)
- Mentored one PhD, three masters, and nine undergraduate student researchers in his laboratory.
- Member of "Project Connect" which is a network of Alpha Eta Mu Beta (biomedical honor society) faculty advisors around the country providing guidance to students with weekly discussions about their research experiences and personal motivations, while also helping them identify graduate programs of interest and providing feedback on their resumes and personal statements.

### Recommendations to Enhance Effectiveness of the Program

Dr. Bowlin is to be commended for his excellent and novel research efforts in tissue regeneration. His impact will be further enhanced by the award of a NIH R01 grant, as well as an increase in the number of doctoral students supervised

# University of Memphis

## Herbert Herff Chair of Excellence in Law

### Status of the Chair of Excellence

The *Herbert Herff Chair of Excellence in Law* was established in 1984. This position is currently filled with visiting professor each year from January through May. For 2023, there were two visiting professors. Adam Feibelman served as one of the chairholders for 2023.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 2

- *Law and Macrocriticality and Relocating the CRA*. The paper was accepted for publication with North Carolina Law Review Forum.

#### Presentations: 1

- Organized and served as a moderator during a day-long conference, Household Finance and Community Development: Assessing Challenges, Inequities, and Opportunities. The Conference brought together national scholars in the fields of consumer finance and community development along with experts, advocates, and bankruptcy judges from the Memphis Area.

#### External Grants and Contracts: 0

#### Service Contributions (professional, university, and community): 4

- Moderator for Household Finance and Community Development: Assessing Challenges, Inequities, and Opportunities conference.
- Attended faculty meetings and gatherings.

### Recommendations to Enhance Effectiveness of the Program

The provost will meet with the dean of the college to prioritize and develop appropriate plans to identify the next chairholder to ensure alignment with college and university priorities.

# University of Memphis

## Herbert Herff Chair of Excellence in Law

### Status of the Chair of Excellence

The *Herbert Herff Chair of Excellence in Law* was established in 1984. This position is currently filled with visiting professor each year from January through May. For 2023, there were two visiting professors. Demetria Frank served as one of the chairholders for 2023.

### Impact of Chair of Excellence on UoM, College and Programs

The visiting chair allowed the Chair to pursue several creative endeavors including but not limited to the following:

#### Summary of Publications: 5

- *Culturally Proficient Lawyering (text)*: This text co-authored with Anastasia Boles, (University of Arkansas), Darrell Jackson (University of Wyoming), and Jamila Jefferson-Jones (University of Kansas) was recently placed under contract by Carolina Academic Press, forthcoming (2024).
- *Culturally Proficient Lawyering (Article)*, with same/above co-authors, Spring (2024).
- *Advancing Cultural Competence in Law Schools (Article)*, forthcoming (2024).
- *Building an Anti-Racist Law School Book Series (Chapter on Pipeline Programs)*, Penn State Dickinson forthcoming (2024).
- *Affirmative Action & the Myth of Merit* (Op-ed), July 2023.

#### Presentations: 4

- *Herff Chair of Excellence Symposium* (hosted & coordinated at UM Law), February 2023.
- *Review of Affirmative Action in the Higher Education Admissions Process* (hosted by Ben F. Jones National Bar Association), February 2024.
- *Culturally Competent Teaching in Law Schools* (hosted by AALS), forthcoming, January 2024.
- *Divisive Concept Bills* (multiple talks in various forums, including School of Public Health and UM Law), various dates.

#### Service Contributions (professional, university, and community): 1

- Center for Excellence in Decision Making, head of Steering Committee to build a curriculum around cultural competence education for the public.

### Recommendations to Enhance Effectiveness of the Program

The provost is meeting with the dean of the college to prioritize and develop appropriate plans to identify the next chairholder to ensure alignment with college and university priorities.

# University of Memphis

## William A. and Ruth F. Loewenberg Chair of Excellence in Nursing

### Status of the Chair of Excellence

The *William A. and Ruth F. Loewenberg Chair in Nursing* was endowed in 1988. Dr. Leanne Lefler is the current chairholder.

### Impact of Chair of Excellence on UoM, College and Programs

#### Summary of Publications: 2

- Publications as co-author in 2022, with research conducted with Post-Doctoral Student prior to arrival at UoM, published in *The International Journal of Environmental Research and Public Health & Archives of Gerontology and Geriatrics* (1st author Vincenzo, J.).
- Several manuscripts in development and submitted for review in 2023.

#### Presentations: 7

- **Two national presentations**
  - Advancing Doctoral Education by Teaching about Building a Culture of Health and Equity. For the American Association of Colleges of Nursing. Naples FL.
  - Challenges of Delivering Guideline-Based Care for Heart Failure. (2023) Invited presentation for the American Heart Association. Online webinar. (Over 700 participants attended synchronously, also archived on AHA website).
- **One regional presentation**
  - Building Community Partnerships to Support Population Health through Engagement in Cardiovascular Health Education for Disparate, Inner-City Patients. (2023). Southern Nursing Research Society.
- **Four local presentations:** Grant Writing Workshop; Writing for Publication: Getting Started; Writing for Publication: Methods & Results; Skills for Abstract Writing.

#### External Grants and Contracts: 1 (as Co-Investigator)

- Co-Investigator on CDC-FRA-OE22-2203 Strengthening U.S. Public Health Infrastructure, Workforce, and Data Systems, \$13,837,767; November 2022-October 2027. Role: Co-Investigator, L. Lefler; Co-Principal Investigators A. Joshi, School of Public Health, U of Memphis & Dr. M. Taylor, Director Shelby County Health Department.

#### Service Contributions (professional, university, and community): 6

- **Professional:** American Heart Association 2022-2023 National Heart Failure Systems of Care Advisory Group Committee Member; Federal Reserve Bank of St. Louis Industry Councils, Healthcare Council Board Member <https://www.stlouisfed.org/about-us/advisory-councils/industry-councils#healthcare>;
- **University:** Dean of Graduate School Search Committee member (2022-2023); Chair of Excellence Review Committee, UoM Provost Office, 7-year commitment (2023-2030); Multiple committee participation in the College of Nursing.
- **Community:** Church Health Research Collaborator; Memphis, TN; West Cancer Research Collaborator: Patient Centered Outcomes Group; Memphis, TN

### Recommendations to Enhance Effectiveness of the Program

Continue to pursue external grants and contracts to strengthen impact to the region and beyond.

## University of Tennessee Chattanooga 2022-2023

Chair of Excellence	Date Established	Chairholder
1) Unum Provident Chair of Excellence in Applied Mathematics	May 1986	Dr. Jin Wang
2) SunTrust Bank Chair of Excellence in Humanities	May 1986	Dr. Carl Springer
3) Walter M. Cline, Jr. Chair of Excellence in Physical Therapy	April 1987	Dr. David Levine
4) Burkett Miller Chair of Excellence in Management and Technology	Oct 1985	Dr. Ahad Nasab
5) Chair of Excellence in Judaic Studies	April 1987	Dr. Irven Resnick
6) Clarence E. Harris Chair of Excellence in Business and Entrepreneurship	May 1988	Dr. Thomas Lyons
7) George R. West, Jr. Chair of Excellence in Communication and Public Affairs	Nov 1986	Vacant since 2022
8) J. Burton Frierson Chair of Excellence in Business Leadership	April 1987	Dr. Mark Mendenhall
9) Lyndhurst Foundation Chair of Excellence in Arts Education	Aug 1996	Prof. Laurie Allen
10) O. D. McKee Chair of Excellence in Learning	Dec 1998	Dr. James Tucker



# University of Tennessee Chattanooga

## Unum Provident Chair of Excellence in Applied Mathematics

### Status of the Chair of Excellence

Dr. Jin Wang (Ph. D., Ohio State, 2004) has been the chairholder of the *Unum Provident Chair of Excellence in Applied Mathematics* since August 2014.

### Impact of Chair of Excellence on UTC, College, and Programs

#### Active Grants and Other Sources of Funding: 4

- Principal Investigator (PI) on a National Institutes of Health (NIH) grant for infectious disease modeling, \$340,000
- PI on a math biology grant from the National Science Foundation (NSF), \$200,000
- PI (formerly Co-PI) on a computational math grant from NSF, \$125,000
- Co-PI on a grant from the Oak Ridge Associated Universities Foundation, \$157,595

#### Publications (2022-23): 7

#### Presentations (2022-23): 6

#### Graduate Students Supported (2022-23): 4

- Mohammad Murshed, Daniel Acosta Soba, Jacob Derrick, Garrett Byrd

#### Faculty Mentoring or Other Active Collaborations:

- Supervised three PhD students and one MS student in Computational and Applied Mathematics.
- Mentored four undergraduate students for research.
- Made extensive interdisciplinary collaborations with UTC faculty from mathematics, statistics, biology, public health, engineering, and the SimCenter.
- Engaged research collaborations with University of Florida, Penn State, Texas Tech, Washington State, University of Nebraska–Lincoln, and several international institutions.

#### Other Evidence of Impact on the Institution:

- Served on four departmental faculty committees during 2022–2023.
- Served on two PhD dissertation committees and four PhD qualifying exam committees.
- Served as a peer reviewer for 9 research journals during 2022-2023.
- Served as a grant reviewer/panelist for several funding agencies, including NIH and NSF.
- Served on the Organizing Committee for the American Mathematical Society Fall Sectional Meeting that took place at UTC in Oct. 2022. Also organized two special sessions in that meeting.
- Served on the editorial boards of two professional journals.

### Recommendations to Enhance the Effectiveness of the Program

- Continue working closely with colleagues to develop and implement an interdisciplinary math education, research, and training program.
- Continue serving UTC through committee work in faculty hiring, student recruitment and supervision, scholarship, and curriculum development.
- Continue promoting research collaboration between UTC and other institutions.
- Continue supporting the growth of the Computational and Applied Mathematics concentration within the Computational Science PhD program at UTC.

# University of Tennessee Chattanooga

## SunTrust Bank Chair of Excellence in Humanities

### Status of the Chair of Excellence

Dr. Carl P. E. Springer has held the *SunTrust Chair of Excellence in the Humanities* since 2015 in the Department of Modern and Classical Languages and Literatures. Dr. Springer's scholarship centers on the relationship between Christianity and the Classics, focusing on the periods of Late Antiquity and the Reformation. He is a leading authority on the early Medieval Latin poet, Sedulius, and Martin Luther's relationship with the classical tradition.

### Impact of Chair of Excellence on UTC, College, and Programs

#### Publications and presentations:

- One co-edited volume (*Athens and Wittenberg: Poetry, Philosophy and Luther's Legacy*; Leiden: E.J. Brill, 2022), which also includes two articles.
- One book review in *Gnomon* published (2022).
- Presentations in 2023 at the Renaissance Society of America in Puerto Rico; the Reformation Research Consortium in Louvain, Belgium; the University of Wuppertal, Germany; and the University of Strasbourg, France.

#### Teaching and Advising:

- Taught courses in Classics, including ancient Greek.
- Developed and taught course on "Ancient Anger: Reading Homer's *Iliad* Today."
- Examiner for Honors Thesis at UTC on Boudica.
- Member of examination committee for doctoral dissertation at University of Wuppertal.
- Mentored UTC Classics majors.

#### Service in the University and Beyond:

- Member of Undergraduate Academic Standards Committee, UTC.
- Member of Council of Scholars, UTC.
- Member of C.S. Lewis Lecture Committee (Sponsored campus visit and lecture by Holly Ordway; "Iron Sharpening Iron: Lewis and Tolkien's Ecumenical Friendship and Mutual Influence").
- Sponsored campus visit and lecture by Andrew Davison, "Astrobiology and Christian Belief."
- Member of departmental Reappointment, Tenure and Promotion Committee.
- Member of Concordia Historical Institute Awards Committee.
- Vice-President and Member of Executive Board for *Institutum Lutheranum Classicumque*.
- Contributing editor to *Logia: A Journal of Lutheran Theology*.
- Discussion leader for *Take Five: "Luther's Rome, Rome's Luther."*

### Recommendations and/or Goals

- Teach classes in Classics (language, literature, and culture) as assigned.
- Mentor undergraduate majors.
- Continue to serve on UTC committees and provide professional services outside of UTC.
- Continue to give scholarly presentations at the national and international level.
- Continue preparing book manuscript on Luther's Latin poetry (under contract).

# University of Tennessee Chattanooga

## Walter M. Cline Jr. Chair of Excellence in Physical Therapy

### Status of the Chair of Excellence

The *Walter M. Cline Jr. Chair of Excellence in Physical Therapy* was established in 1987. Dr. David Levine, PT, PhD, DPT, MPH, Board-Certified Clinical Specialist in Orthopedic Physical Therapy Emeritus, has been the Chairholder since 2006. He is a Fellow of the American Physical Therapy Association and a Fellow of the International Association of Veterinary Rehabilitation and Physical Therapy. He is a professor in the Physical Therapy Department, and an adjunct professor in the University of Tennessee College of Veterinary Medicine. He is a leading authority on physical rehabilitation and has published extensively in this field with over 120 publications and six textbooks as primary author and editor.

### Impact of Chair of Excellence on UTC, College, and Programs

#### Active Grants and Other Sources of Funding

Ongoing funding from multiple sources, including Thrive Tape, Shoetizer, Elvation, and private donations.

**Publications (2022-23):** 13 (eight publications in peer-reviewed journals, four book chapters, one book as editor).

**Presentations (2022-23):** 11 scholarly presentations given at four professional national and international meetings.

**Graduate Students Mentored (2022-23):** Thirteen doctoral students, one PhD student, two veterinary residents, and numerous UG students.

#### Faculty Mentoring or Other Active Collaborations:

- Regularly assist partnering medical facilities and UTC/UTK/UT-College of Medicine faculty and students in multiple departments in research and publications, including Occupational Therapy, Biology, UT College of Medicine, and UT College of Veterinary Medicine.
- Co-director of the UTC Clinical Infectious Disease Control Research Unit.
- Chair of the Scientific Committee for the 11th International Symposium on Rehabilitation and Physical Therapy in Veterinary Medicine, Cambridge University.
- Manuscript reviewer for 11 journals (editorial board member for three).

#### Other Evidence of Impact on the Institution:

- Served on five UTC committees, including chair of Budget and Economic Status, the Honors College Advisory Board and Chair of the RTP Committee for two departments.
- President of the American Physical Therapy Association (APTA) Special Interest Group in Biophysical Agents and on the executive committee for World Physiotherapy (Electrophysical Agents)
- Member of the International Consortium on Ehlers-Danlos Syndromes

### Recommendations to Enhance the Effectiveness of the Program (Goals 2022-2023)

- Publish the 3rd edition of *Canine Rehabilitation and Physical Therapy*, (Elsevier publishing).
- Continue and expand multi-disciplinary research and collaborative efforts: active research collaborations with UTK, UC Davis, Midwestern University, Auburn University, University of Central Lancashire, The University of Vienna, University of Pennsylvania, and Johns Hopkins University.

# University of Tennessee Chattanooga

## Burkett Miller Chair of Excellence in Management and Technology

### Status of the Chair of Excellence

Dr. Ahad Nasab (PhD, Georgia Institute of Technology, 1987) was appointed in 2018 as the Chairholder of the *Burkett Miller Chair of Excellence in Management and Technology*.

### Impact of Chair of Excellence on UTC, College, and Programs

#### Grants:

- "Design and Control of EMG Supported Pneumatic Actuated Balance Board" Biomedical Research Initiation Collaborative Program (BRIC), University of Tennessee Chattanooga and the Erlanger/UTCOM Lead Principal Investigator: Erkan Kaplanoglu, other Principal Investigators: Ahad Nasab, Max Jordon, Jeremy Bruce \$23,000.

#### Impact on the Institution/Community:

- Conference Co-Chair 11th International Symposium on Digital Forensics and Security (ISDFS), May 11-12, 2023, The University of Tennessee, Chattanooga.
- ABET Program Evaluator – Mechanical Engineering (EAC) and Mechanical Engineering Technology (ETAC) 2019-present.
- Chattanooga Regional Manufacturing Association (CRMA) – member 2019 – present.
- Active member of CRMA and member of the CRMA Workforce Training committee.
- State of Tennessee – Department of Education – Mechatronics, 2016-present.
- As a member of an advisory group of Mechatronics experts, we are helping the TN DOE design Mechatronics curriculum tracks for Tennessee high schools. This involves course content.

#### Research and Publications: 6

- K. Tantawi, A. Nasab, L. Potter, O. Tantawi, N. Wilson, A. Henrie, A. Sirinterlikci, E. Kaplanoglu, "Mechatronics Education – Current and Future Trends,"
- G. Gursoy, A. Varol, A. Nasab, "Importance of Machine Learning and Deep Learning Algorithms in Earthquake Prediction: A Review" 2023
- N. Ahmed, A. Varol, A. Nasab, "Localization by OSS and BSS Collected Data," 2023 11th International Symposium on Digital Forensics and Security (ISDFS)
- Book Chapter – Chapter titled "Next-Generation Industrial Robotics: An Overview" in the book titled "Applied AI and Multimedia Technologies for Smart Manufacturing and CPS Applications."
- N. Ghaffar Nia, E. Kaplanoglu, A. Nasab, "A Neuromechanical Control Model for Rhythmic and Discrete Movements Based on Central Pattern Generator (CPG)",
- N. Ghaffar Nia, E. Kaplanoglu, A. Nasab, "Evaluation of Artificial Intelligence in Disease Diagnosis and Prediction," Journal of Discover Artificial Intelligence, Springer Nature

### Recommendations to Enhance the Effectiveness of the Program

- Continue to expand the role of UTC on workforce development in the Hamilton County area through collaborative projects with local industries.
- Establish working relationship with Association of General Contractors to improve the Construction Management program.

# University of Tennessee Chattanooga

## Chair of Excellence in Judaic Studies

### Status of the Chair of Excellence

Effective August 1990, Dr. Irvn M. Resnick became the Chairholder of the *Chair of Excellence in Judaic Studies*. Dr. Resnick's primary research is on medieval Jewish-Christian relations, for which he has developed a new approach that examines the depiction of Jews not only in religious polemics but also in medieval scientific literature.

### Impact of Chair of Excellence on UTC, College, and Programs

#### Publications (2022-23):

- Two refereed articles; five more in press or forthcoming.
- One book, Albertus Magnus and the World of Nature.
- Review Articles in Jewish History and forthcoming in *Bibliographie de civilisation médiévale*.
- Annotated Translation of Thomas of Cantimpre's *De natura rerum*, under contract with the Catholic University of America Press (in preparation).

#### Presentations (2022-23):

- Presenter, International Mediaeval Congress, Leeds, UK, "Jewish wet nurses, conversas, and Christian infants: Racialized Objections from the Later Middle Ages," (5 July 2023); Roundtable Presenter, "Jewish/Non-Jewish Entanglements and Networks."
- Invited Lecture: the annual Reuter Lecture at the University of Southampton (UK; 31 May 2022): "A Wet Nurse Controversy: Jews, Christians, and Later Medieval 'Racism'."

#### Other Evidence of Impact on the Institution:

- Founding President, International Albertus Magnus Society; currently (elected) Vice-President.
- UTC Study Abroad Liaison to Haifa University.
- Consultant and Manuscript Reviewer for four academic publishers and ten journals.
- Grant reviewer for the National Endowment for the Humanities and the Swiss National Science Foundation.
- External Reviewer for Promotion and Tenure Decisions at various universities.
- UTC College of Arts and Sciences Post-Tenure Review Committee, and various departmental committees.
- Author of \$200,00 grant proposal, National Endowment of the Humanities.
- Honors thesis director for Kimberly Merfert's "Influence of the Virgin Mary in Anglo-Saxon Christianity" (December 2022).
- Invited External Examiner for PhD dissertation by Kerstin Mayerhofer, University of Vienna (Austria).
- Hosted Professor Andrew Davison (Cambridge University, UK) for UTC Public Lecture, "Astrobiology and Christian Belief" (6 March 2023); interviewed on WUTC Scenic Roots.
- Co-hosted Professor Elissa Bemporad (CUNY) for Annual Holocaust Lecture Series (18 April 2023).

### Recommendations to Enhance the Effectiveness of the Program

#### Goals (2022-2023):

Teach classes in Philosophy and Religion; serve on university committees; and mentor undergraduates.

# University of Tennessee Chattanooga

## Clarence E. Harris Chair of Excellence in Business and Entrepreneurship

### Status of the Chair of Excellence

Dr. Thomas Lyons (PhD, University of Michigan, 1987) was appointed in 2019 as the Chairholder of the *Clarence E. Harris Chair of Excellence in Business and Entrepreneurship*. Dr. Lyons' primary areas of research interest are entrepreneurship and community/regional economic development, entrepreneurship skills measurement and development, and social entrepreneurship.

### Impact of Chair of Excellence on UTC, College, and Programs

**Publications (2022-23): 6**

**Presentations (2022-23): 3**

#### Other Evidence of Impact on the Institution:

- Dr. Lyons continued as Co-Editor of the *Entrepreneurship Research Journal*.
- Dr. Lyons continued research on definition, measurement, and development of entrepreneurship skills with colleagues from the University of Kentucky, Opeeka LLC, and elsewhere.
- Dr. Lyons collaborated with the Chattanooga Entrepreneurial Ecosystem and Chattanooga Smart Communities Collaborative. Served on board of directors of The Company Lab (CO. LAB).
- Dr. Lyons taught ETR 3600 – Social Entrepreneurship and ETR 1010 – Entrepreneurship: The Mindset and Skillset for Dept. of Marketing & Entrepreneurship.
- Dr. Lyons continued to play key role in building an innovation commercialization program at UTC.
- Dr. Lyons led UTC Center for Innovation and Entrepreneurship to third-place finish in the Accreditation for Entrepreneurial and Engage (ACEEU) Global Triple E Awards Competition in the "Innovation and Entrepreneurship Team of the Year" category.
- Dr. Lyons served on UTC Undergraduate Admissions. Committee, Search Committee for UTC Ombudsperson, Honors College Advisory Board, Rollins College of Business Graduate Curriculum and Assurance of Learning Committee, and Chair of the Department of Marketing & Entrepreneurship Retention, Promotion and Tenure Committee.

### Recommendations to Enhance the Effectiveness of the Program

- Continue to build strong relationships with university and community stakeholders.
- Continue to work with Director and Entrepreneur-in-Residence to build co-curricular activities/programs for the Center for Innovation and Entrepreneurship.
- Complete Liang, K. & Lyons, T.S. (Eds.). *Handbook of Rural Entrepreneurship*. DeGruyter. Under contract for publication in early 2025. Complete Kickul, J., & Lyons, T.S. *Understanding Social Entrepreneurship: The Relentless Pursuit of Mission in an Ever Changing World*. New York: Routledge. Under contract for publication in late 2024. Continue working on Lyons, T.S., *Rethinking Community Economic Development*. Cheltenham, UK, Under contract for publication in early 2025.

**University of Tennessee Chattanooga**  
**George R. West, Jr. Chair of Excellence in Communication and**  
**Public Affairs**

**Status of the Chair of Excellence**

Dr. David B. Sachsman (PhD, Communication, Stanford University) served as the Chairholder of the *George R. West, Jr. Chair of Excellence in Communication and Public Affairs* from 1991 until his passing in 2022. A search will be initiated during the 2023-2024 academic year.

# University of Tennessee Chattanooga

## J. Burton Frierson Chair of Excellence in Business Leadership

### Status of the Chair of Excellence

The *J. Burton Frierson Chair of Excellence in Business Leadership* was established in 1987. Dr. Mark E. Mendenhall (Ph. D., Brigham Young University, 1983) has been the Chairholder since 1989. Dr. Mendenhall is recognized internationally as a pioneer and a leading expert in the fields of expatriation studies and global leadership. His primary areas of research interest are global leadership, global mobility (expatriate effectiveness), and collaborative leadership.

### Impact of Chair of Excellence on UTC, College, and Programs

**Publications (2022-23):** 4

**Presentations (2022-23):** 2

**Other evidence of impact:**

- On July 16, 2023, *ResearchGate* announced that Dr. Mendenhall's research publications were reported as "the most read" compared to all other faculty at UTC, across all colleges at the university.
- Awarded the *Excellence in Global Leadership Award* for lifetime achievement in the field of global leadership by The Global Leadership Institute, Saint Mary-of-the-Woods College (April 21, 2023).
- Served as the lead faculty member in the design process of the proposed Masters in Management degree program in the Rollins College of Business. Shepherded the proposal through the LON and NAPP process and was invited by the Chief Academic Officer at THEC to share that experience and how to develop successful feasibility studies at the Tennessee Higher Education Commission's New Academic Programs Convening on March 24, 2023.
- Became the International Management Area Editor for Oxford Bibliographies in Management at Oxford University Press.
- Continued as Associate Editor of *Advances in Global Leadership* and on the Editorial Advisory Board of *Journal of Global Mobility*.
- Provided weekly leadership and intercultural managerial skill coaching sessions over the course of semester-long and summer term-long time periods to 53 undergraduate students, 47 MBA students, and 31 Executives in the Executive Education Program.
- Continued research on global leadership, expatriation, and global mergers and acquisitions with colleagues from the USA, Spain, Austria, United Kingdom, and Finland.
- Taught Executive Education seminars in the Rollins College of Business on how to self-develop leadership competencies and leadership lessons from the Battle of Chickamauga (on site at the battlefield).
- Taught graduate courses MGT 5260: *Business Leadership* and MGT 5380: *International Management*, and at the undergraduate level, taught MGT 4380: International Management.

### Recommendations to Enhance the Effectiveness of the Program

- Sustain the process of continual improvement in curriculum design for the Executive Education Program for the Rollins College of Business and continue outreach to the EE program's Business Advisory Group.
- Lead the preparation for implementation of the new Masters in Management degree program that is planned to begin in the Spring Semester of 2024.



# University of Tennessee Chattanooga

## Lyndhurst Foundation Chair of Excellence in Arts Education

### Status of the Chair of Excellence

Laurie Melnik Allen (M.F.A., University of Central Florida, 2008) was named the Lyndhurst Chair of Excellence in Arts Education on July 1st, 2020.

### Impact of Chair of Excellence on UTC, College, and Programs

#### Active Grants and Other Sources of Funding (2022-2023)

- Assisted with a \$30,000 project proposal with the City of Chattanooga focused on arts integration and family engagement in Early Head Start and Head Start centers.
- Partnered with Battle Academy from Hamilton County School on implementing year 1 activities for their Arts360 project funded by Tennessee Arts Commission, resulting in \$13,428 in support for arts integration residencies aligned with curricular concepts from Lion King, Kids.
- Collaborated with the Challenger Center for Space Science Education on submitting a \$1,996,993 Advancing Informal STEM Learning (AISL) grant proposal to the National Science Foundation (NSF) on a project titled Opportunities to Understand Role-Playing Simulations for Promoting Access, Connections, and Engagement (OUR SPACE) for Neurodiverse Learners.

#### Publications (2022-23):

- Contributed a chapter about working with Simulation Patient Actors (SPAs) in the following open educational resource:  
Simms-Roberson, P., Roache, A., Holcombe, J., Allen, L., Kilburn, F., Moro, L., England, M., Owsley, N., Blanton, M. J., Camp, P., Morse-Ellington, H., & Tinney, J. (2023). Simulation scenarios for nurse practitioner educators: A faculty guide. University of Tennessee at Chattanooga.  
<https://scholar.utc.edu/open-textbooks/3/>

#### Presentations (2022-23):

- Co-presented a session for the 2022 National Forum to Advance Rural Education.
- Co-presented a session for the John F. Kennedy Center for the Performing Arts' 2023 National Community Partnerships Convening.

#### Evidence of Institution and Community Impact (2022-2023):

- Assisted with Battle Academy's successful application to become a STEAM Designated School from the Tennessee STEM Innovation Network.
- Collaborated with WUTC Chattanooga news station on monthly stories shared on Scenic Roots about community and institutional impact in and through the arts.
- Facilitated simulator and classroom upgrades for the Challenger STEM Learning Center to implement more STEAM-based programming for university students and PreK-12 learners.

### Recommendations to Enhance the Effectiveness of the Program

- Facilitate STEAM-based learning opportunities for teacher candidates from the university's School of Education and for University High participants.
- Integrate play-based team building opportunities in programming geared towards first-year students at UTC.

# University of Tennessee Chattanooga

## O. D. McKee Chair of Excellence in Learning

### Status of the Chair of Excellence

Since 2001, Dr. James Tucker has served as the Chairholder of the *McKee Chair of Excellence in Learning*. The McKee Chair of Excellence in Learning is aimed at two primary areas of institutional impact: internal engagement and metropolitan engagement.

### Impact of Chair of Excellence on UTC, College, and Programs

Dr. Tucker authored one peer-reviewed publication. He served as chair for one doctoral dissertation and content-advisor to another. He directed four graduate-student research projects and taught two graduate courses in School Psychology in 2021-2022.

### Faculty Mentoring or Other Active Collaboration

- Ongoing collaboration with Hamilton County School personnel, UTC faculty, and graduate students in providing interventions for low-functioning students in Hamilton County Schools.
- Ongoing collaboration in research and conceptual development between the Chairholder and faculty from at least eight institutions across the U.S. and in other countries.
- Ongoing research activities of the McKee Chair of Excellence. The research involved three graduate assistants and looked at options for evaluating the literacy instruction model "Reading 360," which is used by the Hamilton County Schools.
- Conducted one McKee Learning Lunch on Early Literacy—A National, State, & Local Crisis.

### Other Evidence of Impact on the Institution

- Member of the Board of the International Society of Ethical Psychology and Psychiatry
- Associate-editor of the peer-reviewed journal *Ethical Human Psychology and Psychiatry*
- Served on the Hamilton County Department of Education's Equity Taskforce.
- Appointed to the Campus Police Force Groups to gauge members of the campus community experience/perspective of campus policing.
- Served on the Advisory Board of the Southeast Center for Education in the Arts.
- Appointed to Hamilton Co. Dept. of Educ. Diversity, Equity, and Inclusion Taskforce.
- Served as an advisor to the Forest School Teacher Institute, centered in Chattanooga.
- Served as a member of Kettering Foundation's Economic Working Group.
- Served as a member of the Hamilton County Public School's Dyslexia Council.
- Served as a peer reviewer for Corwin Publishing and Sage Publications in addition to serving as a peer reviewer for five professional journals.
- Collaborated with Chattanooga Chamber of Commerce's Chattanooga 2.0 initiative.

### Recommendations/Goals to Enhance the Effectiveness of the Program

**Short-term Goals and Plans (2022-23):** Continued development/application of incremental rehearsal as learning tool and instructional strategy; Host at least one McKee Learning Lunch; Work with local schools to provide public-school laboratory settings for school-psychology students to engage in effective instructional interventions; Collaborating with the community to improve local literacy instruction and achievement.

**Long-term Goals:** Assist the Hamilton County's regional Forest Schools in developing a global Forest School initiative; Expand the operation of the McKee Chair in both research and application domains.

## University of Tennessee Health Science Center 2022-2023

Chair of Excellence	Date Established	Chairholder
1) Crippled Children's Hospital Foundation Chair of Excellence in Biomedical Engineering	Sept 1986	Vacant since 2011
2) E. Erick Muirhead Chair of Excellence in Pathology	Feb 1986	Dr. Ramesh Narayanan
3) Federal Express Chair of Excellence in Pediatrics	Sept 1987	Dr. John Bissler
4) First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics	April 1987	Dr. Brian Peters
5) Goodman Chair of Excellence in Medicine	Sept 1989	Dr. Debendra Pattanaik <i>(Effective July 1, 2023)</i>
6) Harriet S. Van Vleet Chair of Excellence in Biochemistry	Oct 1985	Vacant since 2013
7) Harriet S. Van Vleet Chair of Excellence in Pharmacology	March 1985	Dr. Alejandro Dopico
8) Harriet S. Van Vleet Chair of Excellence in Virology	Oct 1985	Dr. Colleen Jonsson
9) Harriet S. Van Vleet Chair of Excellence in Microbiology and Immunology	March 1985	Dr. Terrance Cooper
10) J. R. Hyde Chair of Excellence in Rehabilitation Engineering	April 1987	Dr. William M. Mihalko
11) Le Bonheur Chair of Excellence in Pediatrics (1 <sup>st</sup> chair)	Sept 1986	Dr. James W. Wheless
12) Le Bonheur Chair of Excellence in Pediatrics (2 <sup>nd</sup> chair)	Sept 1989	Dr. Samir H. Shah
13) Mark S. Soloway Chair of Excellence in Urology	Aug 1992	Dr. Robert W. Wake
14) Maury W. Bronstein Chair of Excellence in Cardiovascular Physiology	Aug 1988	Dr. Jonathan H. Jaggar

Chair of Excellence	Date Established	Chairholder
15) Plough Foundation Chair of Excellence in Pediatrics	Nov 1986	Dr. Amali E. Samarasinghe
16) Semmes Murphey Chair of Excellence in Neurology	Sept 1987	Dr. Andrei Alexandrov <i>(Vacant as of April 2023)</i>
17) Thomas A. Gerwin Chair of Excellence in Physiology	Apr 1987	Dr. Zhongjie Sun
18) University of Tennessee Medical Group Chair of Excellence in Obstetrics and Gynecology	Sept 1986	Dr. John O. Schorge
19) William and Dorothy Dunavant Chair of Excellence in Pediatrics	April 1987	Dr. Jonathan McCullers

# University of Tennessee Health Science Center Crippled Children's Hospital Foundation Chair of Excellence in Biomedical Engineering

## Status of the Chair of Excellence

Established in 1986, *Crippled Children's Hospital Foundation Chair of Excellence in Biomedical Engineering* is currently vacant since 2011. The last Chairholder was Dr. Frank DiBianca. At the present time, the Department is not actively searching for a candidate to hold the Crippled Children's Hospital Foundation Chair of Excellence in Biomedical Engineering. It is anticipated that this Chair of Excellence will not be filled in 2023-2024

# University of Tennessee Health Science Center

## E. Eric Muirhead Chair of Excellence in Pathology

### Status of the Chair of Excellence

Dr. Ramesh Narayanan serves as the Chairholder of the *E. Eric Muirhead Chair of Excellence in Pathology*. His research focus is on discovering next-generation drugs to treat prostate and breast cancers and utilizing chemical biology approaches to understand the mechanism of therapeutic targets and diseases.

### Impact of Chair of Excellence on UTHSC, College, and Programs

#### Active Grants and Other Sources of Funding: 4

- National Cancer Institute (NCI) R01 – Principal Investigator
- Department of Defense (DOD) Breast Cancer Research Program (BCRP) – Principal Investigator.
- National Institute of Neurological Disorders and Stroke (NINDS) R43/R44 – Co-I (subaward).
- Oncternal SRA – Principal Investigator.

#### Publications (2022-2023): 4

#### Patents (2022-2023): 4

#### Presentations (2022-2023): 4

- Kennedy's disease association
- National Cancer Institute (NCI) at American Association for Cancer Research (AACR) conference 2022
- American Association for Cancer Research (AACR) 2023
- Endocrine Society 2023

#### Graduate Students Mentored (2022-2023): 2

- Sarah Asemota is a M.D., PhD student. Completed her defense.
- Wendy Effah is a PhD student. Wendy is in her 3<sup>rd</sup> year of the PhD program and her thesis is evolving. She is likely to work on discovering novel approaches to treat various cancers.

#### Faculty Mentoring or other collaborative activities: 1

- Review colleagues' grants and manuscripts and provide feedback.

#### Other Evidence of Impact on the Institution:

- Deputy Director of UTHSC Center for Cancer Research.
- Interim Assistant Dean of Research, College of Medicine
- Chair of Molecular Resource Center (MRC) advisory committee.
- Animal Care and Use Committee (ACUC) member.
- Faculty senate member.
- Faculty research committee member.
- UTHSC radiation safety committee member.

### Recommendations/Goals to Enhance the Effectiveness of the Program

Strengthen urological research and drug discovery endeavors.

# University of Tennessee Health Science Center Federal Express Chair of Excellence in Pediatrics

## Status of the Chair of Excellence

Pediatric Nephrologist John Bissler, MD, was appointed the *Federal Express Chair of Pediatrics* and the new chief of Pediatric Nephrology at Le Bonheur Children's Hospital in 2013. He also serves as Director of Le Bonheur's Tuberos Sclerosis Center of Excellence (TSC), and the Medical Director of Nephrology at St. Jude Children's Research Hospital. Dr. Bissler received his medical training at Northeastern Ohio University College of Medicine. He completed his residency in pediatrics at Children's Medical Center, Akron, and his nephrology fellowship at Cincinnati Children's. He is board certified in pediatrics and nephrology. Dr. Bissler sees patients with tuberous sclerosis and other kidney disorders. His research interests are primarily focused on tuberous sclerosis renal disease and Onco-Nephrology, including renal tumor predisposition syndromes. Dr. Bissler is listed as the in the top 0.11 percent of published authors worldwide on TSC according to the website 'Expertscape' and is the top author in the world for the TSC associated renal tumor called an angiomyolipoma (<https://expertscape.com/ex/angiomyolipoma>).

## Impact of Chair of Excellence on UTHSC, College, and Programs

### Active Grants and Other Sources of Funding: 1

- Retrophin, Inc. (Co-Investigator: Bissler). "Randomized, Double-Blind, Safety and Efficacy Study of RE-021 (Sparsentan) in Focal Segmental Glomerulosclerosis (DUET)" \$297,230.

### Publications (2022-23): 11

### Presentations (2022-23): 5

### Graduate Students Mentored (2022-23): 1

### Faculty Mentoring or Other Active Collaborations:

- Co-Mentored Prashant Kumar, PhD, who has finished his second post-doc and is moving to Emory.

### Other Evidence of Impact on the Institution:

- Provides patient care locally and internationally to patients with TSC.

## Recommendations to Enhance the Effectiveness of the Program

- Submit at least three grant applications again this year (Each R01 cycle).
- Submit a Department of Defense grant this year.
- Continue to expand TSC Telemedicine healthcare delivery to four additional states. This program continues to grow and beyond patient care, it functions well as marketing for the University and Medical programs here.
- Enhance the educational and research elements of the program with one or two guest speakers.

# University of Tennessee Health Science Center

## First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics

### Status of the Chair of Excellence

Dr. Brian Peters, Associate Professor in the Department of Clinical Pharmacy and Translational Science, has served as the Chairholder of the *First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics* since 2020. His research program focuses on delineating fitness and pathogenicity mechanisms in the human fungal pathogen *Candida albicans* and determining immunological outcomes of fungal and fungal-bacterial infections. The goals of the laboratory are to leverage these findings into applied therapies to improve unacceptable morbidity and mortality associated with fungal disease.

### Impact of Chair of Excellence on UTHSC, College, and Programs

#### Selected Active Grants and Other Sources of Funding: 4

- Principal Investigator (PI) - Candidalysin, a key mediator of *Candida* vaginitis immunopathology. National Institute of Allergy and Infectious Disease. NIAID. R01 – AI134796 (\$380,000).
- Multiple Principal Investigator (MPI) – Lipid emulsion composition as a determinant of fungal biofilm formation and incidence of candidemia. NIAID. R21 – AI153768 (\$162,000).
- MPI – Genetic determinants of *Aspergillus* host-pathogen interactions. NIAID. R21 – AI178048 (\$231,000).
- Co-Investigator (CoI) – The role of the gut mycobiota in regulating host lipid absorption and obesity. NIDDK. R21 -DK129890 (\$18,000).

**Publications (2022-23): 5 and Presentations (2022-23): 7** (two by trainees)

**Graduate Students Mentored (2022-23): 2;** Jian Miao, Amirhossein Davari.

#### Faculty Mentoring or Other Active Collaborations: 4

- Hosted Dr. Paul Barbugli from Brazil, to hone her skills in fungal genetics and biofilm models to complement research interests in fungal-bacterial interactions that promote oncogenesis.
- Served as co-mentor for Gustavo Alvira-Arill, PharmD, a Pediatric Infectious Diseases Pharmacy Fellow in DCPTS who successfully completed his fellowship with multiple awards, presentations, and publications regarding the impact of clinical lipids on incidence of fungal infection.
- Served as faculty mentor for Dr. Camaron Hole (Assistant Prof, DCPTS) and member of Fellowship Oversight Council for Dr. Kara Eichelberger (Postdoc, Vanderbilt University).
- Collaborated with multiple international and domestic scientists on numerous projects.

#### Other Evidence of Impact on the Institution: 3

- Selected as member of the editorial board for *Infection and Immunity*, *Biofilm*, and *J of Fungi*.
- Led faculty recruitment activity in the College of Pharmacy to attract mycology research.
- Invested in equipment and maintenance to benefit researchers in the Department of Clinical Pharmacy and Translational Science (DCPTS) and the COP, including Azure A400 multi-mode imaging system and chromatography refrigerator.

### Recommendations to Enhance the Effectiveness of the Program

Make continued investments to the research enterprise within DCPTS to establish new technologies and resources to promote research productivity and innovation to aid high impact publications, cross-institutional collaboration, multi-disciplinary grant submissions, and targeted recruitment publications, cross-institutional collaboration, multi-disciplinary grant submissions, and targeted recruitment.



## University of Tennessee Health Science Center Goodman Chair of Excellence in Medicine

### Status of the Chair of Excellence

Established in 1989, the *Goodman Chair of Excellence in Medicine*, previously vacant since 2021, has completed a search for the division chief of Rheumatology and effective July 1, 2023, Dr. Debendra Pattanaik has been selected as the chairholder.

Since Dr. Pattanaik has just assumed the Chair, no data is currently available related to utilization of the Chair, and a comprehensive report will be submitted next year. Dr. Pattanaik as the new Rheumatology division Chief will utilize the Goodman Chair of Excellence to expand rheumatology research and fellowship program excellent.

Dr. Pattanaik's research interest is in Systemic Lupus Erythematosus (SLE). He has been site Principal Investigator (PI) for several phase 2 and phase 3 clinical trials in SLE. One of the studies he was involved in led to the approval of therapeutic agent in SLE. He is currently collaborating with other investigators from the college of medicine and biotech company for novel therapy in SLE. Dr. Pattanaik is interested in antimicrobial stewardship among veterans at the VA Medical Center, Memphis TN. He is currently being funded for an antimicrobial stewardship project.

## University of Tennessee Health Science Center Harriet S. Van Vleet Chair of Excellence in Biochemistry

### Status of the Chair of Excellence

Currently vacant, Dr. John Fain was the holder of the *Harriet S. Van Vleet Chair of Excellence in Biochemistry* until June 30, 2013. This position resides in the Department of Microbiology, Immunology and Biochemistry (MIB) in the College of Medicine. MIB currently has an interim Chair. At this time last year (July 2022) the College of Medicine Dean's Office had planned on opening a search to recruit the next MIB Chair in late 2022 or early 2023 after the new Chair of the Department of Anatomy & Neurobiology was hired. Due to the delays in recruiting the Anatomy & Neurobiology Chair, the MIB Chair search was also delayed. A new Chair of Anatomy & Neurobiology has been recruited with a start date of October 1, 2023. The MIB Chair Search Committee is being formed and a search will be initiated in the Fall of 2023. Additionally, Dr. Terrance Cooper Professor in MIB and *Harriet S. Van Vleet Chair of Excellence in Microbiology* plans to retire in late 2023. This presents an excellent recruiting incentive for the new MIB Chair who will be given *the Van Fleet Chair of Microbiology* and will be given multiple faculty positions to fill, including an exceptional scientist to fill the *Harriet S. Van Vleet Chair of Excellence in Biochemistry*.

# University of Tennessee Health Science Center

## Harriet S. Van Vleet Chair of Excellence in Pharmacology

### Status of the Chair of Excellence

Dr. Alejandro Dopico serves as the *Harriet S. Van Vleet Chair of Excellence in Pharmacology*. In addition to the institutional and extra-institutional services and teaching modalities in which Dr. Dopico participates, including the chairmanship of the Department of Pharmacology, Addiction Science, and Toxicology (PHAST) in the UTHSC College of Medicine (COM), he leads very active research programs supported by five grants from the National Institutes of Health (NIH) via three different institutes.

His recent renewal of R01 AA011560 as single Principal Investigator (PI) constitutes the 23<sup>rd</sup> year of support from the National Institute on Alcohol Abuse and Alcoholism (NIAAA) to his study of alcohol effects on ion channels in the brain and its arteries. Endowments have allowed Dr. Dopico to:

- a) help support the last meeting of the International Drug & Alcohol Research Society;
- b) support salary and supplies for A. Oxley, UTK undergraduate, who is conducting a summer research rotation under Dr. Dopico's guidance;
- c) fund the 2023 departmental Methodological Innovation in Pharmacology Award (MIPA) for research devoted to study the use of zebrafish to study nicotine addiction (H. Chen lead PI);
- d) cover the 2023 Pharmacology Fellowship Award (PHAFA) fellowship, awarded to S. Dutta, PhD student, who presented his data on angiotensin and the brain at the annual American Society for Pharmacology and Experimental Therapeutics (ASPET) meeting; and
- e) cover costs related to service and maintenance of three centrifuges and one confocal microscope, heavily used by Dopico and other PHAST Department PIs.

Dr. Dopico's lab has won for the 4<sup>th</sup> year in a row the "Most Outstanding Laboratory Safety Inspection Award" from the UTHSC Research Safety.

### Impact of Chair of Excellence on UTHSC, College, and Programs

**Active Grants and Other Sources of Funding: 5**

**Peer-reviewed scientific publications (July 2022-June 2023): 6**

**Scientific presentations at national or international meetings: 10**

**PhD students mentored (2022-23): 3**, K. North (grad. 5/23), A. Shaw, E. Schneider

**Masters in pharmacology students mentored: 1**, A. Reeves (grad. Spring 2023)

**Faculty Mentoring: 6**, UTHSC COM PHAST Department Faculty members.

**Selected Other Evidence of Impact on the Institution:** Dr. Dopico is the chair of the search committee for the UTHSC COM Anatomy & Neurobiology. Chair, and Neuroscience Institute Director. He is also a member of the UTHSC COM Dean Executive Council, COM Facilities Strategic Planning committee, COM Center for Addiction Translational Science Advisory Board, UT Substance Misuse & Addiction Resource for TN (SMART) taskforce, Basic Science (T0) Team within the UTHSC OSPR2 Implementation Plan, and the Research, Innovation & Entrepreneurship Pillar of Chancellor Buckley's Strategic Plan

### Recommendations to Enhance the Effectiveness of the Program

- Develop a COM task group on the topic of polysubstance use disorders and organize a Norfleet.
- Symposium on this topic in Spring 2024, which will lead to future T32, P50 NIH applications.
- Help revamp the Neuroscience research enterprise across UTHSC, COM in particular.
- Help retain/recruit PIs that use simple model organisms (*zebrafish*, *drosophila*, etc.,)

# University of Tennessee Health Science Center

## Harriet S. Van Vleet Chair of Excellence in Virology

### Status of the Chair of Excellence

Dr. Colleen Jonsson has served as the Chairholder of the *Harriet S. Van Vleet Chair of Excellence in Virology* since 2017.

### Impact of Chair of Excellence on UTHSC, College, and Programs

#### Active Grants and Other Sources of Funding: 6

- 1U19AI171292-01 NIH U19 Rapidly Emerging Antiviral Drug Discovery Initiative (READDI) Baric, Ralph/Heise, Mark (PD/PI), July 4, 2022 – April 30, 2027
- Eosinophils: An Unexpected Hero in the Fight against COVID-19, Amali Samarasinghe, PhD (PI), July 1, 2022 – June 30, 2024
- 75F40121C00154 FDA Evaluation of Small Animal Models for COVID-19 and their Application in Nonclinical Safety and Efficacy Studies of Investigational Therapeutics Jonsson (PI), 09/30/2021-07/14/2024
- NIH U19 Center of Excellence for Encephalitic Alphavirus Therapeutics, Jonsson (PD) 3/7/19 to 3/16/24
- NIH 1R21AI161232-01 (MPI) Accelerated discovery of cell-active SARS-CoV-2 polymerase inhibitors via molecular dynamic guided screening and optimization, 7/1/21 to 6/30/23
- DoD W81XWH-21-C-0042, Subcontract from CFD Research, 5/3/21 to 5/2/23

#### Selected Publications: (FY22- 11 total, FY23- 4 to date)

- Nichols JH, Williams EP, Parvathareddy J, Cao X, Kong Y, Fitzpatrick E, Webby RJ, Jonsson CB. Upper Respiratory Infection Drives Clinical Signs and Inflammatory Responses Following Heterologous Challenge of SARS-CoV-2 Variants of Concern in K18 Mice. *Viruses*. 2023 15(4):946. PMID: 37112926
- Cao X, Yang D, Parvathareddy J, Chu YK, Kim EJ, Fitz-Henley JN, Li X, Lukka PB, Parmar KR, Temrikar ZH, Dhole P, Adcock RS, Gabbard J, Bansal S, Lee J, Zalduondo L, Hayes E, Stabenow J, Meibohm B, Fitzpatrick EA, Bailey K, Campos RK, Julander JG, Rossi SL, Chung D, Jonsson CB, Golden JE. Efficacy of a brain-penetrant antiviral in lethal Venezuelan and eastern equine encephalitis mouse models. (2023) *Sci Transl Med*. 15(691): eabl9344. PMID: 37043558
- Williams EP, Xue Y, Lee J, Fitzpatrick EA, Kong Y, Reichard W, Writt H, and Jonsson CB. Deep Spatial Profiling of Venezuelan Equine Encephalitis Reveals Increased Genetic Diversity Amidst Neuroinflammation and Cell Death During Brain Infection. (2023) *J Virol*. In press.

**Faculty Mentoring or other collaborative activities:** Amber Smith, PhD, Department of Pediatrics, Ying Kong, PhD, Department of Microbiology, Immunology and Biochemistry

### Recommendations to Enhance the Effectiveness of the Program

**Long-term Goals:** Dr. Jonsson will collaborate with multiple faculty in scientific research in the discovery of basic mechanisms underlying infection and immune response to infection. Secondly, she has launched a successful hybrid seminar series for the Institute of Host Pathogen Systems, third, she is planning for workshops at UTHSC in FY23 and across disciplines at UTHSC and the Memphis community.

# University of Tennessee Health Science Center

## Harriet S. Van Vleet Chair of Excellence in Microbiology and Immunology

### Status of the Chair of Excellence

Since 1985, Dr. Terrance G. Cooper has served as the Chair-holder of the *Harriet S. Van Vleet Chair of Excellence in Microbiology and Immunology*. Dr. Terrance Cooper plans to retire in late 2023. A search for a new Microbiology, Immunology and Biochemistry chair begins Fall 2023 and the chair will then hold this Microbiology Chair of Excellence.

### Impact of Chair of Excellence on UTHSC, College, National & International Programs

- Continuously funded by National Institutes of Health (NIH) for 45 years. Last NIH GM-35642-27.
- In fifth year, extension of a four-year grant, 1/1/19 – 12/30/23 – USA LTAUSA18 Grant (No. LTAUSA18162).
- Less than 0.2 percent of Association of American Medical Colleges (AAMC) medical school faculty in Dr. Cooper's age group hold active grants.

**Publications (2022-23):** 6 publications (most recent publication received 988 online views in first 2.5 months after appearance) including two edited chapters. Ranked as the fourth highest total number of publications by a UTHSC faculty member based on a total of 222 publications (Research.Com)

- Top ten percent (91<sup>st</sup> percentile) of 17. 9 million research outputs (papers) scored by Altmetric.
- High Attention Score compared to outputs of same age and source (99th percentile).
- 66,258 online views based on 138 of the 222 total publications where online metrics are available. [61,953 total online views and 49,154 downloads (as of 4/18/20) and 1,988 additional online views (during 2018-2022 with metrics for 1 2022 paper not available) and 2,317 views (during 2022-2023 with metrics for 3 of the 2023 papers not available)].
- Tools of Biochemistry is now in five languages and more than 17 English printings.

**International Presentations (2022-23):** One keynote speech (Poland), two plenary symposium speeches (Italy, Belgium); six abstracts; organized two international conferences, invited to organize a third (Poland 2024).

**Faculty Mentoring or Other Active Collaborations: 2**

#### Other Evidence of Impact on the Institution:

- Faculty representative to the UTHSC Campus Advisory Board 2020-2022. Re-elected 2022-2024.
- Chair of UTHSC Faculty Senate Handbook Revision Committee. Re-elected to Faculty Senate Executive Committee
- Chair of Dean's Advisory Council Policy Committee.
- Appointed (2020-2024) to the College of Medicine Promotions and Tenure Committee.
- International Conference on Yeast Genetics & Molecular Biology (ICYGMB), Secretary General.
- International Committee on Yeast Genetics and Molecular biology Finance/Policy Committee – USA Representative.

### Recommendations to Enhance the Effectiveness of the Program

- Continue research, collaboration, and writing (1 paper, 1 review, 2 retrospectives).
- Continue teaching Dental Biochemistry and graduate courses. Serve as Course Director.
- Maintain an active international presence and influence in the scientific community.

# University of Tennessee Health Science Center

## J. R. Hyde Chair of Excellence in Rehabilitation Engineering

### Status of the Chair of Excellence

William M. Mihalko, MD, PhD serves as the *J. R. Hyde Chair of Excellence in Rehabilitation Engineering* since January 2012. Dr. Mihalko's research focuses on identifying the biomechanical, kinetic/kinematic, biologic and clinical related issues pertaining to failures and patient reported outcomes in total joint arthroplasty.

### Impact of Chair of Excellence on UTHSC, College, and Programs

#### Active Grants and Other Sources of Funding: 4

- R073290158 American Association of Hip and Knee Surgeons Foundation for Arthroplasty Research and Education (FARE) grant award 2022-2023, \$44,471. Synovial fluid and cell induced corrosion of total knee implant alloys. Principal Investigator
- R078500182 Campbell Clinic Foundation Contract: Revere Total Shoulder kinematics and Kinetics of Functional External Rotation \$11,575
- R078500203 Campbell Clinic Foundation Contract: Kinematic and kinetic differences of total knee arthroplasty designs and surgical alignment, \$139,848.
- R073290158 Drexel University Food and Drug Administration (FDA) grant subcontract: Local and systemic effects of metal ions in total knee arthroplasty, \$162,782.

**Publications (2022-23): 6** published; **3** accepted for publication; **3** under review.

**Presentations (2022-23): 6** International, **8** national

#### Faculty Mentoring or Other Active Collaborations:

- New collaborations established with Clemson University, Drexel University and Cleveland Clinic and awarded a new Food and Drug Administration grant starting September 2023 looking into biologic and local inflammatory effects on metal alloys used in joint replacement.
- New collaboration with Drs. Derefinko and Johnson in Preventive Medicine on topical treatment of knee osteoarthritis pain and R01 application submitted this summer cycle to NIAMS 6/2023.
- Dr. Phyllis Richey Preventive Medicine on Reaching significant weight loss after Total Knee Arthroplasty in Obese Patients. National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) R01 scored 20% and was resubmitted for summer cycle 6/23.
- Dr. Throckmorton and Dr. Brolin collaboration on Kinematics/Kinetics and muscle activation patterns in reverse total shoulder arthroplasty. Preliminary work has received the Charles Neer Award from the American Shoulder and Elbow Surgeons Foundation (<https://www.ases-assn.org/about-ases/charles-s-neer-award/>) and an R21 was submitted for a prospective randomized trial to NIAMS 7/23.

#### Other Evidence of Impact on the Institution:

- Program chair for the Joint Graduate Program in Biomedical Engineering with one graduated MS student 2022-23, two current supported MS students this fall 2023, and one supported PhD student in Rehabilitation Science Program.
- Have updated and modernized the Motion Analysis Laboratory in conjunction and collaboration with Dr Dale Barry Chair of Physical Therapy.

### Recommendations to Enhance the Effectiveness of the Program

Continue to submit two or more grant applications per year for federal funding as a PI/MPI.

# University of Tennessee Health Science Center

## Le Bonheur Chair of Excellence in Pediatrics (1<sup>st</sup> chair)

### Status of the Chair of Excellence

Since 2005, Dr. James W. Wheless has served as the Chairholder of the *Le Bonheur Chair of Excellence in Pediatrics*. Dr. Wheless earned his medical degree and completed his residency at the University of Oklahoma in Oklahoma City. Additional fellowships at Children's Memorial Hospital and the Medical College of Georgia refined his expertise in pediatric neurology. Dr. Wheless currently serves as Professor and Chief of the Division of Pediatric Neurology, Le Bonheur Chair in Pediatric Neurology; and Director, Le Bonheur Comprehensive Epilepsy Program and Neuroscience Center and Co-Director of the Tuberous Sclerosis Complex Center of Excellence, all at Le Bonheur Children's Hospital.

### Impact of Chair of Excellence on UTHSC, College, and Programs

#### Active Grants and Other Sources of Funding: 23

- Twenty-four funded research projects as primary investigator.

#### Publications (2022-23): 20

#### Presentations (2022-23): 65

#### Graduate Students Mentored: 6 residents in Pediatric Neurology

#### Faculty Mentoring or Other Active Collaborations:

- Taylor Elliott, Rhodes College, UTHSC College of Medicine collaborating in research programs.
- Mentors all eight junior faculty in the Pediatric Neurology division.

#### Other Evidence of Impact on the Institution:

- Public Service/Media including interviews, filming sessions, podcasts, health care radio broadcasts, representing Le Bonheur.

### Recommendations to Enhance the Effectiveness of the Program

- Direct and lead the Pediatric Neurology Division.
- Direct the Le Bonheur Comprehensive Epilepsy Program and the Neuroscience Institute at Le Bonheur Children's Medical Center.
- Continue to be actively involved in the Pediatric Neurology Residency Program.
- Recruit high quality Pediatric Neurology residents and faculty.
- Mentor junior faculty and assist in development of their academic and clinical careers.
- Work with the Le Bonheur Children's Hospital administration to enhance the scientific and clinical mission of the Neuroscience Institute.
- Direct and lead the Pediatric Neurology Division.
- Continue to grow faculty and develop sub-specialty programs.

# University of Tennessee Health Science Center

## Le Bonheur Chair of Excellence in Pediatrics (2<sup>nd</sup> chair)

### Status of the Chair of Excellence

Dr. Samir H. Shah serves as the *Le Bonheur Chair of Excellence in Pediatrics* (2<sup>nd</sup> Chair) since 2019. He received his medical training at the Seth G. S. Medical College in Mumbai, India, along with certifications in Pediatric Surgery, Pediatrics, and Critical Care in India and the United States. His research focus is on the application of bioinformatics and clinical decision support for predictive modeling of pediatric severe sepsis. Chair of Excellence (COE) funds support participation in the Pediatric Acute Lung Injury and Sepsis Infection research network, salary support for the Fellowship Research Director (Dr. Nico West). COE continues to support educational endeavors for critical care fellows' training and an award system to promote academic productivity and teaching for faculty and fellows.

### Impact of Chair of Excellence on UTHSC, College, and Programs

#### Active Grants and Other Sources of Funding: 4

- Pediatric Research of Drugs, Immunoparalysis, and Genetics during MODS (PARADIGM) trial: Site Principal Investigator. Funded by the National Institute of Child Health and Human Development (NICHD).
- Stress Hydrocortisone in Pediatric Septic Shock (SHIPSS). Funded by NICHD.
- Prone and Oscillation (PROSpect) Pediatric Clinical Trial. Funded by National Heart, Lung and Blood Institute (NHLBI).
- Pediatric Influence of Cooling Duration on Efficacy in Cardiac Arrest Patients (p-ICECAP). Funded by NICHD.

#### Publications (2022-23): 18

#### Presentations: (2022-23): 12

#### Graduate Students Mentored:

- Nine Critical Care Fellows
- Three Pediatric Emergency Medicine Fellows
- One Pediatric Surgery Fellow
- One Pediatric Surgical Critical Care Fellow
- Multiple Pediatric and Med-Ped Residents

#### Faculty Mentoring or Other Active Collaborations:

- Faculty oversight committee – Dr. Nico West for Neuro-endocrine research.
- Committee member – Global Pediatric Onco-Critical Care Symposium 2022
- PCCM Research and Innovation Study Evaluation (PRISE)
- Writing Research, Innovation, and Quality for Everyone in PCCM (WRITE PCCM)

#### Other Evidence of Impact on the Institution:

- 2022 ELSO Award for Excellence in Extracorporeal Life Support – Gold Category.
- First Regional Pediatric Critical Care Symposium – 2023

### Recommendations to Enhance the Effectiveness of the Program

- Focused research emphasis in Artificial Intelligence for pediatric sepsis and Neurocritical Care.
- Development of an ECMO Watcher Program for Pediatric and Cardiac Critical Care Units.



# University of Tennessee Health Science Center

## Mark S. Soloway Chair of Excellence in Urology

### Status of the Chair of Excellence

Since 2013, Dr. Robert Wake has held the *Mark S. Soloway Chair of Excellence in Urology*.

### Impact of Chair of Excellence on UTHSC, College, and Programs

- Wake, Robert W., Co-PI. Modulation of microRNAs (miRs) Ameliorates Interstitial Cystitis. Collaborative effort with the College of Pharmacy. \$2,808,209.00
- Wake, Robert W., Co-PI. U54 grant for The Center of Excellence for Prostate Cancer Health Disparity (CE-PCHD). Collaborative effort with the College of Pharmacy and the University of Memphis. \$1,140,000.00
- Wake, Robert W., Co-PI. Effect of Novel Paxillin Modulators for the Treatment of Prostate Cancer. \$1,250,000/5 years, NCI. R01

### Presentations (2022-2023):

- Traumatic Ureteral Injuries: The 5 -Year Experience at Regional One Hospital and UTHSC. **Robert Wake, MD**; Christine Callaway, MD; Anthony Jeong M3. Presented at Annual MRSF Student Presentation July 28, 2022. UTHSC Memphis
- Retrospective Review of Metastatic Disease Detection and Cost Analysis of Next Generation Imaging Use in the Initial Staging of Prostate Cancer. **Robert Wake, MD**; Anthony L. Patterson, MD; Christopher Ledbetter, MD; Adonis Paul Irons, MD; Christian Dewan MD; William Fry, MD. Presented at Annual SES/AUA Conference. March 15, 2023. Amelia Island, Florida
- Evaluation and Management of Traumatic Ureteral Injuries at A High-Volume Urban Trauma Center. **Robert Wake, MD**; Anthony Patterson, MD; Christine Callaway, MD; Anthony Jeong. Presented at Annual SES/AUA Conference. March 15, 2023. Amelia Island, Florida

### Recommendations to Enhance the Effectiveness of the Program

- Recruit a PhD/ MD researcher with a dual appointment in Pharmacology or Pathology and Urology to enhance departmental scholarly activity.
- Continue to foster both clinical and research collaborations between College of Pharmacy and Department of Pathology.
- Use Chair of Excellence funds to hire a PhD urologic researcher to function as chief of research for our department.

# University of Tennessee Health Science Center

## Maury W. Bronstein Chair of Excellence in Cardiovascular Physiology

### Status of the Chair of Excellence

Established in 1988, Dr. Jonathan Jagger is the current Chairholder of the *Maury W. Bronstein Chair of Excellence in Cardiovascular Physiology*.

### Impact of Chair of Excellence on UTHSC, College, and Programs

#### Active Grants and Other Sources of Funding: 3

- National Institutes of Health (NIH) – nine R01 grants, five as Principal Investigator.
- National Institutes of Health (NIH) – nine NIH R01 grants, including five NIH R01 grants as Principal Investigator.
- American Heart Association Postdoctoral Fellowship – two grants as mentor.

#### Publications (2022-23): 2

**Graduate Students Mentored (2022-23): 3** rotations in Dr. Jagger's laboratory.

#### Faculty Mentoring or Other Active Collaborations:

- Internal collaborations with several UTHSC faculty across disciplines and Colleges.
- Collaborations with University of Missouri, University of Nevada, University of Washington, St. Louis and Rutgers University.

#### Other Evidence of Impact on the Institution:

- Three presentations at international research conferences.
- Outstanding Research Accomplishment Award, Physiology, UTHSC.
- Grant Reviewer for NIH and Medical Research Council, UK
- Reviewing Editor at *PNAS*. Editorial Board of *Physiological Reviews* and *Frontiers in Vascular Biology*.
- Reviewer for journals, including *Science Advances*, *PNAS*, *eLife*, *Physiological Reviews*, *J Physiol*.
- UTHSC service commitments include:
  - Chair of Research Committee.
  - Advanced Imaging Core Advisory Board

### Recommendations to Enhance the Effectiveness of the Program

Grow cardiovascular research at UTHSC.

# University of Tennessee Health Science Center

## Plough Foundation Chair of Excellence in Pediatrics

### Status of the Chair of Excellence

Dr. Amali E. Samarasinghe was named the *Plough Foundation Chair of Excellence in Pediatrics* in July 2019.

### Impact of Chair of Excellence on UTHSC, College, and Programs

#### Active Grants and Other Sources of Funding: 3

- National Institutes of Health (NIH), National Institute of Allergy and Infectious Diseases (NIAID) R01 High Priority Immunology Grant. Title: *Eosinophils as Regulators of Host Immunity against Influenza Infections* Role: Principal Investigator (\$1,919,000); 2017-2022 (NCE till 8/2022)
- American Lung Association, Charles and Amelia Gold Innovation Award. Title: *Influenza Virus Promotes Eosinophil Appetite for Bacteria*. Role: Principal Investigator (\$150,000); 2020-2022
- American Lung Association, COVID-19 and Emerging Respiratory Infections Grant. Title: *Eosinophils: An Unexpected Hero in the Fight against COVID-19*. Role: Principal Investigator. (\$200,000); 2022-2024

**Publications (2022-23): 4** (peer-reviewed manuscripts) and one invited book chapter

**Presentations (2022-23): 1**

**Trainees Mentored (2022-23): 11**

- Two Technicians; one Postdoctoral Fellow; three Junior Faculty; five Medical Students

#### Faculty Mentoring or Other Active Collaborations:

- Co-mentor Assistant Professors Dr. Nicholas Morin (Critical Care), Dr. Price Edwards (Gastroenterology), Dr. Arjan Flora (VA).
- St. Jude CRH collaborators (Drs. Jason Rosch and Stacie Woolard, grant submissions to the National Institutes of Health (NIH) and Dr. Paul Thomas, ongoing collaborative studies); Dr. Rossana Melo, Professor at Federal University of Ruiz de Fora; Dr. Elizabeth Jacobsen (Mayo Clinic) and Steven Ackerman (U Illinois) - grant submissions to NIH; Dr. Charles Dela Cruz (Yale Uni) – active collaborator of the American Lung Association grant.
- Committees Served: American Thoracic Society, Autumn Immunology Conference, Society for Leukocyte Biology.
- Study Sections: NIH, American Lung Association (co-Chair), US-Israeli Binational Science Foundation, UK Medical Research Center, CA Primate Center

#### Other Evidence of Impact on the Institution:

- UTHSC Department of Pediatrics Education Committee Member.
- UTHSC Institutional Animal Care and Use Committee (IACUC) Member.

### Recommendations to Enhance the Effectiveness of the Program

- Continue to network and gain name recognition in the fields of host-pathogen interactions and asthma pathogenesis to attract good candidates into the research program.
- Coordinate with the division of Pulmonology at Le Bonheur to set up a biobank with samples from pediatric asthmatics to be utilized for research groups to validate findings with animal models.
- Recruit an Epidemiologist as a junior faculty member to work in collaboration to harness Big Data and apply for NIH grants that are focused on data mining.
- Obtain further funding support for the program.

# University of Tennessee Health Science Center

## Semmes Murphey Chair of Excellence in Neurology

### Status of the Chair of Excellence

Dr. Andrei V. Alexandrov, MD, was appointed as the *Semmes Murphey Chair of Excellence in Neurology* and Chair of the Department of Neurology in 2014. He resigned from UTHSC, and his last day was April 14, 2023. Although he moved to another state, he holds Volunteer Professor status at UTHSC. The report data below is based on Dr. Alexandrov's activities from July 1, 2022 through April 14, 2023.

A nationwide search for a new Chair of Neurology is underway and interviews have begun. Dr. Katherine Nearing, MD, holds the Interim Department Chair position until the permanent Department Chair is hired.

### Impact of Chair of Excellence on UTHSC, College, and Programs

#### Awards, Active Grants, and Other Sources of Funding: 3 (Dr. Alexandrov)

- Recipient of the 2022 *Neurology Pioneering Award* from the Society for Vascular and Interventional Neurology (SVIN) – award ceremony November 2022, Los Angeles
- Co-Investigator on four National Institutes of Health (NIH) StrokeNet Clinical Trials
- Alexandrov, Andrei (Investigator), Alexandrov, Anne, (Lead Principal Investigator), Metter, Jeff (Investigator), Tsivgoulis, George (Investigator), "Zero Degree head positioning In Acute ischemic stroke (ZODIAC)," NIH RO1 Funding from National Institute of Nursing Research (NINR) \$2,362,361 (7/1/2018 – 6/30/2023)

**Publications (2022-23): 14** original papers and one review

#### Other Evidence of Impact on the Institution:

- Committed department resources to support resident-driven research. From 7/1/2022 thru 6/30/2023, UTHSC Neurology Residents submitted 14 abstracts, five manuscripts, and one book chapter.
- Neurology faculty mentored 21 residents and supervised seven fellows (four Vascular Neurology; one Neurocritical Care; two Clinical Neurophysiology)
- Neurology faculty also mentored UTHSC medical students – more are beginning to apply for Neurology
- The Neuroscience course is the model course in the entire preclinical curriculum.

### Recommendations to Enhance the Effectiveness of the Program

- Support our nation-leading recruitment in National Institutes of Health (NIH) Stroke Net and National Institute of Nursing Research (NINR) funded clinical trials.
- Support new grant applications from basic scientists and junior clinical faculty.
- Continue to seek funding and support to restart the UT Mobile Stroke Unit operation.
- Continue actively recruiting paid and volunteer Neurology faculty.
- Grow our outpatient subspecialty presence in the areas of movement disorders, neuroimmunology, headache, and neurodegenerative disorders by hiring more faculty in these specialties.

# University of Tennessee Health Science Center

## Thomas A. Gerwin Chair of Excellence in Physiology

### Status of the Chair of Excellence

Since April 2018, Dr. Zhongjie Sun has been the Chairholder of the *Thomas A. Gerwin Chair of Excellence in Physiology*. His research focus is on identifying the epigenetic mechanisms of kidney diseases, hypertension, and diabetes, and developing new therapeutic approaches for these prevalent medical problems.

### Impact of Chair of Excellence on UTHSC, College, and Programs

#### Active Grants and Other Sources of Funding: 2

- National Institutes of Health (NIH) NIA R01 AG062375, PI, - Epigenetic regulation of kidney function and blood pressure.
- NIH HL154147, PI, - Investigation into arterial stiffness and hypertension.

#### Selected Publications (2022-23): 3

- Jianglei Chen, Yi Lin and Zhongjie Sun. Inhibition of miR-101-3p prevents human aortic valve interstitial cell calcification through regulation of CDH11/Sox9 expression. *Mol Med*. 29(1):24, 2023. doi:10.1186/s10020-023-00619-4. PMID:36809926. PMCID: PMC9945641.
- Jun Fan, Shirley Wang, Xianglan Lu and Zhongjie Sun. Transplantation of Bone Marrow Cells from miR150 Knockout Mice Improves Senescence-associated Humoral Immune Dysfunction and Arterial Stiffness. *Metabolism*. 2022 Sep 134:155249. doi: 10.1016/j.metabol.2022.155249. PMID: 35792174. PMCID: PMC9796492.
- Jun Fan, Shirley Wang, Kai Chen and Zhongjie Sun. Aging Impairs Arterial Compliance via Klotho-mediated Downregulation of B Cell Population and IgG Levels. *Cell Mol Life Sci*. 2022 Aug 24;79(9):494. doi: 10.1007/s00018-022-04512-x. PMID: 36001158. PMCID: PMC100826761.

#### Faculty Mentoring or Other Collaborative activities:

- Continued to mentor faculty in the Department of Physiology by critiquing their grant applications, providing guidance and advice on research projects, reviewing manuscripts, etc.
- Continued research collaboration with other UTHSC investigators.

#### Other Evidence of Impact on the Institution:

- Chair of the Department of Physiology.
- Member of the UTHSC search committee for Vice Chancellor of Research (VCR).
- Member of the UTHSC VCR Research Cabinet.
- Member of the UTHSC College of Medicine Research Leadership Committee.
- Member of the UTHSC College of Medicine Executive Team.

### Recommendations to Enhance the Effectiveness of the Program

- Further promote research in the Department of Physiology at UTHSC.
- Enhance the national visibility of cardiovascular research at UTHSC.

# University of Tennessee Health Science Center University of Tennessee Medical Group (UTMG) Chair of Excellence in Obstetrics and Gynecology

## Status of the Chair of Excellence

Dr. John O. Schorge, MD, was appointed as the *UTMG Chair of Excellence in Obstetrics and Gynecology* and became the Chair of the Department of Obstetrics and Gynecology in April of 2022. The UTMG Chair of Excellence in Obstetrics and Gynecology was established in 1986.

## Impact of Chair of Excellence on UTHSC, College, and Programs

### Awards, Active Grants, and Other Sources of Funding: 4

- 2023 Top Doctors – Memphis Magazine
- 2023 UTHSC Golden Apple Award for OB/GYN Attending
- 2023 UTHSC Overall Outstanding Clinical Lecturer
- Became a primary site of the GOG Foundation to foster clinical trial research.

### Publications (2022-23): 2

- **Schorge J**, et al. NCCN Guidelines® Insights: Ovarian Cancer, Version 3.2022. J Natl Compr Canc Netw 2022; 20:972-980.
- **Schorge J**, et al. Uterine Neoplasms, Version 1.2023, NCCN Clinical Practice Guidelines in Oncology. J Natl Compr Canc Netw 2023;21:181-209.

### Faculty Mentoring or Other Active Collaborations: 3

- Over 25 OB/GYN faculty – including numerous within few years of residency.
- Maternal-fetal Medicine fellows, GYN Oncology fellows and thirty-one OB/GYN residents currently being mentored.
- 2023- Director of Undergraduate Medical Research in OB/GYN.

### Other Evidence of Impact on the Institution:

- Organizer of the 37<sup>th</sup> Annual Obstetrics and Gynecology week-long Continuing Medical Education conference in Destin, FL.
- Co-Chair Patient Experience Committee at Regional One Health
- UTHSC Program Co-Leader for Clinical Research
- Initiated Junior Internship in GYN Oncology
- Founded GYN Oncology Program at Regional One
- Lecturer to GYN Oncology/MFM fellows, OB/GYN residents and MS3/4 students
- Initiated weekly Preop GYN conference, GYN Oncology conference and GYN Case conference
- American Board of Obstetrics and Gynecology (ABOG) Examiner 2023

## Recommendations/Goals to Enhance the Effectiveness of the Program

### Goals (2023-2024)

- Build OBGYN into a true academic department with evidence-based decision making to provide the highest quality patient care with a focus on faculty teaching of trainees.
- Hire GYN subspecialists to broaden the scope of services at Regional One Health.
- Emphasize recruitment of top-notch residents and fellows.
- Put a framework in place to pivot towards research with internal grant opportunities.

### Long-term Goals: Start a new REI Fellowship program.

- Achieve recognition as the premier academic OBGYN department in the Mid-South with a national reputation for clinical excellence.

# University of Tennessee Health Science Center

## William and Dorothy Dunavant Chair of Excellence in Pediatrics

### Status of the Chair of Excellence

Since 2012, Dr. Jonathan McCullers has served as the Chairholder of the *William and Dorothy Dunavant Chair of Excellence in Pediatrics*.

### Impact of Chair of Excellence on UTHSC, College, and Programs

**Active Grants and Other Sources of Funding: 4**

**Ongoing annual philanthropic commitments to the Department/Children's Foundation Research Institute (CFRI):**

- \$1.25M (Children's Foundation of Memphis).
- \$250,000 (Assisi Foundation).
- \$500,000 (Urban Child Institute) towards a \$2.5M Chair of Excellence.
- \$200,000 (Urban Child Institute) to support research programs.

**Publications (2022-23): 8** (peer-reviewed)

**Presentations (2022-23): 2** invited seminars

**Faculty Mentoring or Other Active Collaborations:**

- Direct mentor for UTHSC Associate Professor Dr. Amali Samarasinghe.
- Direct mentor for UTHSC Associate Professor Dr. Elisha McCoy.
- Secondary mentor for numerous other faculty members.

**Other Evidence of Impact on the Institution:**

- Acted as Senior Executive Associate Dean for Clinical Affairs and Chief Operating Officer in the College of Medicine, UTHSC.
- Appointed to newly formed Shelby County Board of Health, elected Chair.
- One new R01 Award in the Department and multiple non-federal awards.
- Expanding the Bio-integrative Genomics (BIG) program to Regional One Health and other campuses; obtained 3500 new genome sequences for a total of more than 12,000.

### Recommendations to Enhance the Effectiveness of the Program

- Consolidate successes and develop young tenure track faculty.
- Obtain at least one more R01-like grant or K-award in the Department.
- Continue faculty development of clinician-educators who interface with medical students and residents.
- Continue to navigate the challenges in developing an academic medical center modeled on Le Bonheur with our adult health system partners.
- Develop a new Division of Psychology in the Department of Pediatrics and recruit an inaugural Division Chief.

## University of Tennessee Knoxville 2022-2023

Chair of Excellence	Date Established	Chairholder
1) Bernard Blasingame Chair of Excellence in Agricultural Policy	Nov 1989	Dr. Andrew Muhammad
2) Bernadotte E. Schmitt Chair of Excellence in History	Sept 1987	Dr. Robert J. Norrell
3) Julia G. and Alfred G. Hill Chair of Excellence in Science, Technology, and Medical Writing	Sept 1987	Dr. Mark Littmann
4) Clayton Homes Chair of Excellence in Finance	Aug 1988	Dr. Matthew Serfling
5) Harry and Vivienne Bruce Chair of Excellence in Business	Sept 1989	Dr. Theodore P. Stank
6) Robert Condra Chair of Computer Integrated Engineering and Manufacturing	May 1986	Dr. Matthew Mench
7) Robert Condra Chair of Excellence in Power Electronics Applications	May 1986	Dr. Fei (Fred) Wang
8) Forrest and Patsy Shumway Chair of Excellence in Romance Languages	Nov 1987	Dr. Rudyard Alcocer
9) Henry Goodrich Chair of Excellence in Waste Management & Environmental Engineering	May 1988	Vacant since 2020
10) Hodges Chair of Excellence in English	Apr 1985	Dr. Cornelius Eady
11) Ivan Racheff Chair of Excellence in Materials Science & Engineering	Apr 1985	Dr. Peter K. Liaw
12) Ivan Racheff Chair of Excellence in Plant Molecular Genetics	Apr 1985	Dr. C. Neal Stewart
13) J. Fred Holly Chair of Excellence in Economics	Sept 1987	Dr. Christian Vossler
14) Nancy Gore Hunger Chair of Excellence in Environmental Studies	Sept 1994	Dr. Daniel Simberloff
15) Pilot Oil Corporation Chair of Excellence in Leadership	Nov 1986	Dr. Michael R. Galbreth
16) Willis Lincoln Chair of Excellence in Physics	Aug 1992	Dr. Cristian Batista
17) H. H. Arnold Chair of Excellence in Computational Mechanics	Dec 1996	Vacant



**18)** Edward J. and Carolyn P. Boling Chair of Excellence in Space Propulsion      Nov 1987      Vacant since 2009

---

# University of Tennessee Knoxville

## Bernard Blasingame Chair of Excellence in Agricultural Policy

### Status of the Chair of Excellence

Dr. Andrew Muhammad (PhD, University of Florida, 2000) serves as the *Bernard Blasingame Chair of Excellence in Agricultural Policy*.

### Impact of Chair of Excellence on UTK, College, and Programs

#### Active Grants and Other Sources of Funding:

- Active projects totaling \$2.0 million; three grants awarded since August 2022 totaling \$387K.
- One grant submitted awaiting decision for \$650K (\$70K AREC share).  
Fundors: USDA-National Institute of Food and Agriculture (NIFA); USDA-Foreign Agricultural Service (FAS); USDA-Economic Research Service (ERS); National Science Foundation (NSF).

**Publications:** 4 journal articles and 11 extension articles and reports; 7 manuscripts currently in review. Coordinator and Contributor, 2023 Economic Report to the Governor.

**Presentations:** 13 presentations to scientific audiences.

**Extension Presentations:** 17 extension presentations: including Tennessee Department of Agriculture (TDA) Industry Meetings; Farm Management Workshops; Other.

#### Other Related Impacts:

- Provided support to TDA on international trade issues including project to increase Tennessee timber exports to Vietnam.
- Agricultural and Applied Economics Association (AAEA) Board of Directors; AAEA/USDA DEI initiatives; USAID's Board for International Food and Agricultural Development (BIFAD) Subcommittee on Systemic Solutions for Climate Change; Past Chair, Committee on the Status of Blacks in Agricultural Economics; USDA's Agricultural Policy Advisory Committee for Trade; Socially Disadvantage Farmers and Ranchers Policy Research Center Advisory Board; *Journal of Agricultural and Resource Economics* and *Agricultural and Resource Economics Review* Editorial Board.
- Awards: Food Distribution Research Society, Emerging Leadership Award.
- Co-organized conference: 4<sup>th</sup> Annual Mid-South Ag Trade Conference.

#### Graduate Students Mentored:

- Savant Nzayiramyia M.S. (Chair); Bowen Jiang M.S. (Chair); Bishma R. Dahal M.S. (Member); Jennifer Durant, M.S./MBA (Chair).
- David A. Forgenie, M.Phil. University of the West Indies (Member).

**Faculty and Student Mentoring:** 5 scientific presentations by students; supervised a postdoctoral researcher.

### Recommendations/Goals to Enhance the Effectiveness of the Program

#### Short term Goals:

- Continue funding for graduate students and at least one post-doc.
- Establish a Center for International Agricultural Trade and an International Scholars graduate program focused on international trade and development training.
- Continue to do impactful and policy relevant research and outreach on global issues.

#### Long term Goals:

- Establish a center/program that provides information, research, and analysis to support public and private global initiatives in the Region.
- Establish UTK as a leading institution in international agricultural trade research and outreach.

# University of Tennessee Knoxville

## Bernadotte E. Schmitt Chair of Excellence in History

### Status of the Chair of Excellence

Dr. Robert J. Norrell (PhD in History, University of Virginia) serves as the Chairholder of the *Bernadotte E. Schmitt Chair of Excellence in History*.

### Impact of Chair of Excellence on UTK, College, and Programs

- Service: Library representative from History Department for 2022-23.
- Service: Session chair and commentator, Policy History Conference June 2023.
- Taught two new courses in 2022-2023: History 302, Immigrants and the Immigrant Experience in American History; History 441, History of the American West.

### Recommendations to Enhance the Effectiveness of the Program

- Conducted a study on the manner in which US and German historians interpreted wars in the 20<sup>th</sup> century from 1914 to 2022 with the focus on how it has been written and revised to advance national foreign-policy positions. The book is completed and in press at Lexington Books. Publication is set for late 2023.
  - Conducted a conference presentation examining how US and German historians interpreted wars in the 20<sup>th</sup> century. (Policy History Conference June 2023 in Columbus, Ohio.)
- Long term goals:**
- Continue to reach undergraduates, with a particular focus on global issues of international relations and immigration.
  - Continue efforts to promote full class enrollments as garnered in 2023.

# University of Tennessee Knoxville

## Julia G. and Alfred G. Hill Chair of Excellence in Science, Technology, and Medical Writing

### Status of the Chair of Excellence

Dr. Mark Littmann is the current *Julia G. and Alfred G. Hill Chair of Excellence in Science, Technology, and Medical Writing*. He holds a PhD in English from Northwestern University; an M.A. in Creative Writing from Hollins College; and a B.S. in Chemistry & Literature from MIT.

### Impact of Chair of Excellence on UTK, College, and Programs

#### Awards & Honors

- Named a Chancellor's Professor ("the highest honor that can be bestowed on a member of the faculty of the University of Tennessee"), May 2022, nominated by Joe Mazer, Dean, College of Communication & Information

#### Publications

- *Totality: The Great North American Eclipse of 2024* by Mark Littmann and Fred Espenak, Oxford University Press, to be released November 1, 2023
- *Eclipse 2024* by Mark Littmann (2<sup>nd</sup> edition of 2017 book for students ages 8-14), DPZ Technology, to be released October 2023

#### Active Grants and Other Sources of Funding

- Co-PI, Rooted in Science (mini-term courses to help UTK Agriculture PhD students communicate science to the public), funded by USDA for "Development of Functional Lignin Additives ... [for] Paper Packaging Products (Dr. N. Labbe, PI), summer 2023 & 2024)

#### Presentations (2022-23): 10

#### Graduate Students Mentored (2022-23):

- Amanda Womac (PhD student, graduate adviser, to graduate in May 2026)
- Scott Greeves (PhD student, graduate adviser, to graduate in May 2025)

#### Faculty Mentoring or Other Active Collaborations:

- Program Chair, UT Science Forum (ongoing): Invite and host UT and Oak Ridge National Library (ORNL) faculty to explain their science research to lay audiences (22 speakers a year)

#### Other Evidence of Impact on the Institution:

- Expanded *Books Acted Out* collection of 8 original, informal dramatic readings (2021) to 22 (2023) and, by invitation, performed all of them live or via Zoom throughout the community and beyond as a new form of social activity.

### Recommendations to Enhance the Effectiveness of the Program

- Find performance venues to house the plays *Halley and Newton* and *Little Lessons for Lina*
- Publish journal article on Edmond Halley's crowdsourcing 1724 solar eclipse prediction
- Publish anthology of the best Hill Lectures on science, society, and the mass media
- Publish "*Jonah, The Not for Prophet*" and *Other One-Act Biblical Plays*
- Publish *Facing the Holocaust: Four One-Act Plays for Performance, Dramatic Reading, and Discussion*
- Publish a new journal article on teaching Science Writing as Literature, a first-of-its kind course developed by the chair 30 years ago

# University of Tennessee Knoxville

## Clayton Homes Chair of Excellence in Finance

### Status of the Chair of Excellence

Professor Matthew Serfling of the Department of Finance in the Haslam College of Business has been appointed to the *Clayton Homes Chair of Excellence in Finance*. Professor Serfling is a widely recognized young star in the finance discipline. The Clayton Chair of Excellence allows UTK to retain Professor Serfling at the university when market interest in his capabilities and accomplishments are increasingly widespread.

### Impact of Chair of Excellence on UTK, College, and Programs

**Publications (2022-2023):** 4 in Spring of 2022

**Presentations (2022-2023):** 10 presentations, including presentations at universities (4) and national/international conferences (6).

**Graduate Students Mentored (2022-2023):**

- Chaired one dissertation committee, co-chaired one dissertation committee, and member of one dissertation committee. Advised one student on second-year research paper.

**Other Evidence of Impact on the Institution:**

- Associate Editor, *Financial Management*
- Research Member, European Corporate Governance Institute
- Fellow, Neel Corporate Governance Center

**Faculty Mentoring or Other Active Collaborations:**

- Coauthoring with junior faculty (two papers), senior faculty (one paper), and PhD students (one paper)

### Recommendations to Enhance the Effectiveness of the Program

- Facilitate the success of other faculty and staff in the Department of Finance.
- Establish a finance PhD student reading group.
- Maintain editorial roles and develop new research streams.
- Enhance the reputation of the department by increasing research productivity.
- Continue to try and establish the PhD program as a top source of academic talent in Finance.

# University of Tennessee Knoxville

## Harry and Vivienne Bruce Chair of Excellence in Business

### Status of the Chair of Excellence

*The Harry and Vivienne Bruce Chair of Excellence in Business* was established in 1989, and Dr. Theodore P. Stank serves as the Chairholder. Dr. Stank is a Professor of Supply Chain Management and earned his PhD in Marketing and Distribution from the University of Georgia in 1994. He has served as the Chairholder since 2010. Dr. Stank was named University Chancellor's Professor in June 2021. He was awarded the Council of Supply Chain Management's Distinguished Service Award and Hall of Fame Inductee in 2023.

### Impact of Chair of Excellence on UTK, College, and Programs

#### Selected Active Grants and Other Sources of Funding:

- Founder and Director of the Advanced Supply Chain Collaborative (ASCC), a collaborative think tank engaging industry with UTK to explore advanced concepts in Supply Chain Management. FY23 membership of 10 Fortune 500 firms with a budget of \$470,000 that provided funding for 15 faculty, four PhD students, and three masters students.
- Faculty Co-Director of Global Supply Chain Institute and Forum that generates annual revenue of over \$800,000 and contributes over \$400,000 to department excellence.

**Publications (2022-23): 6** including journal articles (5) and whitepapers (1)

**Presentations (2022-23): 10** presentations and **12** podcasts

**Graduate Students Mentored: (2021-22): 4** Executive MBA in Global Supply Chain (GSC) students, **1** PhD student

#### Selected Faculty Mentoring or Other Active Collaborations:

- Direct and participate in funded projects as Director of the Advanced Supply Chain Collaborative focused on research on advanced supply chain strategies and capabilities.
- Department head special projects execution and leadership counseling with Dr. John Bell, Dr. Stephanie Eckerd, and Dr. Lance Saunders.

#### Selected Other Evidence of Impact on the Institution:

- Co-Executive Director of Global Supply Chain Institute and Executive Director, Advanced Supply Chain Collaborative.
- Department Strategic Advisory Committee.
- Educational Advisor to Health and Personal Care Industry Logistics Conference.
- Director of Chancellor's Task Force on Administrative Process Improvement

### Recommendations to Enhance the Effectiveness of the Program

- Continue to deliver the mission of the Advanced Supply Chain Collaborative (ASCC), fostering knowledge generation, dissemination, and application in supply chain management.
- Facilitate the success of other faculty and staff in the Department of Supply Chain Management (SCM).
- Continue thought leadership relationships with leaders in leading edge organizations.
- Ensure that University of Tennessee Knoxville SCM program is consistently recognized as the Top SCM program in the world.
- Expand the concept of ASCC to a Next Generation Business Collaborative.
- Provide senior leadership and advising in Department of SCM.
- Migrate learnings from ASCC to other areas of business research.

# University of Tennessee Knoxville

## Robert Condra Chair of Computer Integrated Engineering and Manufacturing

### Status of the Chair of Excellence

Dr. Matthew Mench (Mechanical Engineering, PhD, Pennsylvania State University, 2000) is the current Chairholder of the *Robert Condra Chair of Computer Integrated Engineering and Manufacturing*. He was hired as the Dean of the College of Engineering in July 2021 after serving as Interim Dean since March 2021.

### Impact of Chair of Excellence on UTK, College, and Programs

#### Active Grants and Other Sources of Funding (2022-2023): 7

- Battery Cell Thermal Model, Volkswagen Group of America.
- Design of Next Generation eVTOL Systems, Army Research Lab.
- Integrated Membrane Anode Assembly & Scale-up, Plug Power, Inc./DOE.
- Fully Unitized Fuel Cell Manufactured by a Continuous Process, Plug Power Inc.
- NSF I-Corps Hub (Track 1): Mid-South Region.
- Department of Energy: Developing novel electrodes with ultralow catalyst loading for high-efficiency hydrogen production in proton exchange membrane electrolyzer cells.
- Bosch: Support of PEFC Program.

**Publications (2022-2023): 3;** multiple abstracts.

**Presentations (2022-2023):** Several presentations and invited talks.

**Patents Applications (2022-2023): 3**

**Graduate Students Mentored: (2022-2023):**

- Six current PhD students, one MS student.
- Four research associates/research professors/post-docs.
- Four undergraduates.

#### Faculty Mentoring or Other Active Collaborations:

As Dean, actively provided mentorship for numerous faculty members and other administrators.

#### Selected Other Evidence of Impact on the Institution:

- Served as Interim Vice Chancellor for Research, December 2019-July 2020.
- Named Chancellor's Professor, Fall 2020.
- Named to the "World's Most Influential Scientific Minds: 2014" by Thomson Reuters.
- Named to Highly Cited Researchers 2014 list, ranking among the top 1% most cited authors in field of engineering over 11-year period 2002-2012.
- Named a Fellow of the American Society of Mechanical Engineering in 2013.

### Recommendations to Enhance the Effectiveness of the Program

- Enhance faculty growth, external research funding for laboratories, and foster an environment that promotes innovation, fairness, and impact.
- Develop personal research aimed to become a national leader in aerospace energy storage.

# University of Tennessee Knoxville

## Robert Condra Chair of Excellence in Power Electronics Applications

### Status of the Chair of Excellence

Dr. Fei “Fred” Wang (Electrical Engineering, PhD, University of Southern California, 1990) is the current holder of the *Robert Condra Chair of Excellence in Power Electronics Applications*. Dr. Wang is National Science Foundation (NSF)-Department of Energy (DOE) ERC CURENT co-founder and Technical Director, joint Oak Ridge National Laboratory (ORNL) appointment, has authored or co-authored 160 journal papers, 425 conference presentations, one book, seven book chapters, 19 awarded US patents, 12 Institute of Electrical and Electronics Engineers (IEEE) prize papers, and has received the IEEE Gerald Kliman Innovation Award, four Tickle College of Engineering Research Achievement Awards, the General Electric (GE) Dushman Award, and is a Fellow of the IEEE and National Academy of Inventors (NAI).

### Impact of Chair of Excellence on UTK, College, and Programs

#### Active Grants and Other Sources of Funding (2022-23):

- Department of Energy (DOE) Advanced Research Projects Agency-Energy (ARPA-E): \$1,500,000.
- Department of Energy Advanced Materials and Manufacturing Technologies (AMMTO): \$4,400,000.
- UT-Battelle projects \$1,600,000.
- Industry (Boeing, ABB, Volkswagen, Bosch) \$500,000

#### Selected Publications (2022-23):

- One book chapter.
- Twelve journal papers.
- One granted patent.

#### Selected Presentations (2023-23):

- One invited international conference keynote speech.
- Two invited conference presentations.
- Thirteen conference presentations.

#### Graduate Students Mentored: (2022-23):

- One MS graduated.
- Five PhD students currently mentored.
- Two research faculty and four postdoc research associates supervised.

#### Faculty Mentoring or Other Active Collaborations:

- Active collaborations with all UT CURENT faculty, faculty of University of Houston and Clemson University, ORNL researchers, and Boeing/ABB/GE/EPB/EPRI/Keysight/Raytheon engineers.

### Recommendations to Enhance the Effectiveness of the Program

- Maintain high productivity on research grants, publications, and student advising; complete the power electronics lab upgrade with 1MW, 13.8 kV testing capability.
- Help to build UTK’s Power and Power Electronics programs to the top in the world.



# University of Tennessee Knoxville

## Forrest and Patsy Shumway Chair of Excellence in Romance Languages

### Status of the Chair of Excellence

The *Forrest and Patsy Shumway Chair of Excellence in Romance Languages* was established in 1987; Dr. Rudyard Alcocer (PhD, University of Iowa) has held the Chair since August 2013. A researcher and teacher in Latin American literatures and cultures broadly stated, and more specifically in literatures and cultures from the Caribbean region, Dr. Alcocer teaches several upper-level courses in the Spanish program and a graduate course that is also cross-listed with the French program.

### Impact of Chair of Excellence on UTK, College, and Programs

#### Publications (2022-2023): 2

- Published February 2023 by North Carolina Studies in Romance Languages & Literatures, an imprint of UNC Press, a monograph: *Interpretaciones: Experimental Criticism and the Metrics of Latin American Literature*.
- (New manuscript in progress, working title): *One Hundred Solitudes: Soledad and the Latin American Cultural Imagination*. Research toward this manuscript was conducted in Argentina and Uruguay during May 2023.

#### Presentations (2022-2023): 3

- "Solitude in the Americas: 'Balada de los Apalaches,' by Melanie Márquez Adams." SECOLAS (Southeastern Council of Latin American Studies). Antigua, Guatemala. March 2023.
- "Solitude in the Americas: *Soledad* by Angie Cruz." South Atlantic Modern Language Association Convention. Virtual. November 2022.
- "Solitude in the Americas: 'Mi vida con una ola,' by Octavio Paz." 71<sup>st</sup> Annual Mountain Interstate Foreign Language Conference. Virtual. October 2022.

#### Teaching and Mentoring or Other Active Collaborations (2022-2023): 4

- Faculty mentor for *Vernacular*, Modern and Foreign Language and Literature's (MFL) online graduate student journal. *Vernacular* published its 8<sup>th</sup> issue in April.
- Taught one upper-level class in the Hispanic Studies major during the spring (Hispanic Culture through Cinema) and one graduate class on the Caribbean (in English, cross-listed between Spanish and French) during the fall.
- Currently serving as director of Lizely López's and Ricardo Sevilla's (both Hispanic Studies) dissertation committees.
- Recipient of the 2023 departmental faculty award for graduate student mentoring.

**Other Evidence of Impact on the Institution:** Founding director of the faculty seminar on Latin American & Caribbean Studies (UT Humanities Center, 2014-2018); World Languages and Cultures Director of Graduate Studies August 2018-August 2021; Hispanic Studies graduate coordinator August 2018-July 2020. Member of steering committee: IDP in Latin American and Caribbean Studies. Organizer of the 2022 edition of AuthorFest (a collaboration between WLC & English).

### Recommendations to Enhance the Effectiveness of the Program

Dr. Alcocer will teach a mid-level undergraduate course for the Hispanic Studies minor during the fall; in the spring he will teach an advanced undergraduate course, designed and established by him, on gender and sexuality in the Hispanic world. He will also contribute to the French program by serving during the coming year as its director of graduate studies.

**University of Tennessee Knoxville**  
**Henry Goodrich Chair of Excellence in Waste Management and**  
**Environmental Engineering**

**Status of the Chair of Excellence**

Dr. Thanos Papanicolaou, who last held the chair left the University of Tennessee in February 2020. The chair was not filled in fiscal year (FY)21 due to a general hiring freeze on open searches. An FY22 search was executed but was not successful. For FY23, a candidate has been identified and the process of formalizing the appointment is in its final stages. There are additional highly deserving candidates still available in the pool of applicants, which will be pursued in the unlikely event negotiations with the current proposed hire are not successful.

# University of Tennessee Knoxville

## Hodges Chair of Excellence in English

### Status of the Chair of Excellence

The *Hodges Chair of Excellence in English* is held by Cornelius Eady, who is a nationally renowned, award-winning poet. Professor Eady previously taught at SUNY Stony Brook, where he most recently held a professorship in the MFA program.

### Impact of Chair of Excellence on UTK, College, and Programs

#### Publications (2022-2023): 4

- "I'm a Fool to Love You" 100 Poems That Matter ed. Patty Rice. Academy of American Poets/Andrews McMeel Publications
- "A Small Moment" The Path to Kindness; Poems of Connection and Joy; James Crews Storey Publishing
- "Father Figures" BBC Radio <https://luminarypodcasts.com/listen/bbc/the-documentary-podcast/father-figures/1a5054ed-e36d-48a6-9764-43b0d2c5ae8f?country=US>
- "Ode to my Father's Boots" (reprint) The Yale Review: <https://yalereview.org/article/ode-my-fathers-boots?fbclid=IwAR1VxBkbb1isVdWQHfpO5iDMSS2T970wgNmlK8BjZZgU8ZnR-9fm9pEOYsU>

#### Presentations (2022-2023): 8

- Winner (w/Toi Derricotte) of the 1<sup>st</sup> Pegasus Prize for service to Poetry, Poetry Foundation (Fall 2023)
- Cave Canem at Beinecke Library (Fall 2023)
- 110 Years; Making Big Bets for Humanity: The Rockefeller Foundation
- Workshop and Reading Key West Literary Seminar
- Reading, Bridge Walk, Poets House
- Interviews on WBAI Radio for Open House (w/Monica Youn, Franciso Aragon, Tyehimba Jess, Linda Pastan. J. Chester Johnson)
- Collaboration with UT Artist in Resident Amos Beauvais
- Taught ENGL 686. Zoom visitors were Francisco Aragon and Adrienne Toft

#### Mentoring or Other Active Collaborations:

- Mentored and sat on defense for Sam Wein and Sara Mae Henke
- Mentored Gabe Reed, Alexis Mc Donald, Catherine Garbinsky, Shlagha Borah and Abhay Karunkar Shetty

### Recommendations to Enhance the Effectiveness of the Program

Continue work on dance/theater piece *Mercy*, an adaptation of Professor Eady's Phyllis Wheatley poetry cycle, a collaboration between McGill University and UTK (delayed due to Faculty Modified Duties Assignment (FMDA) status); continue work on memoir *Kid Life*; work on cast recording of opera *Running Man*; continue exploring the possibility of a second Cave Canem workshop in Knoxville a possible collaboration between UTK and Loghaven.

# University of Tennessee Knoxville

## Ivan Racheff Chair of Excellence in Materials Science and Engineering

### Status of the Chair of Excellence

Professor Peter K. Liaw has been the Holder of the *Ivan Racheff Chair of Excellence in Materials Science and Engineering*, since 1993. He is a 2022 Highly Cited Researcher from Clarivate™ and has published 1,260 journal papers with 48,875 citations and an H index of 97 based on the Web of Science. Because of his outstanding and significant contributions to the Mechanical Behavior of Materials Committee of the Minerals, Metals & Materials Society (TMS) and his great service to the TMS, he was recognized with the TMS Distinguished Service Award in 2007 and was named as a prestigious TMS Fellow in 2018, a Fellow of the American Society for Metals (ASM) in 1997, and a Fellow of the Materials Research Society (MRS) in 2023. There is a 2020 TMS Honorary Symposium dedicated to him.

### Impact of Chair of Excellence on UTK, College, and Programs

#### Selected Active Grants and Other Sources of Funding

- Army Research Office (with Dr. F. Zhang) \$500,000,
- National Science Foundation (NSF) \$150,000,
- NSF \$420,000,
- NSF (with Professor Y. Gao) \$375,000,
- Office of Naval Research, \$225,000.

**Publications (2022-2023):** Based on the Web of Science, there are 24 highly cited papers and two hot papers with Prof. Liaw as a co-author. Professor Liaw and his team members have produced 134 journal publications.

**Presentations (2022-2023):** Professor Liaw and his team members have given 56 presentations, including invited and contributed lectures, including 14 and 19 presentations at the 2022 and 2023 TMS Annual Meetings, respectively.

**Graduate Students Mentored (2022-2023): 6**

**Faculty Mentoring or Other Active Collaborations:** 6 junior faculty and visiting scholars.

**Other Evidence of Impact on the Institution:** Since 1974, organized or co-organized 83 TMS symposia.

### Recommendations to Enhance the Effectiveness of the Program

- Investigate and model fatigue characteristics, neutron and synchrotron studies of mechanical behavior, strength and ductility trade-off investigation, phase transformation, serration characteristics in the stress-strain curves of high-entropy alloys.
- Submit proposals with colleagues to several Department of Energy (DOE), Department of Defense (DOD), NSF, and other industries.

# University of Tennessee Knoxville

## Ivan Racheff Chair of Excellence in Plant Molecular Genetics

### Status of the Chair of Excellence

Dr. C. Neal Stewart, Jr. has held the *Ivan Racheff Chair of Excellence in Plant Molecular Genetics* since 2002. He received his PhD from Virginia Tech in 1993.

### Impact of Chair of Excellence on UTK, College, and Programs

#### Active Grants and Other Sources of Funding:

- \$22M of active external awards (18 total), including seven new awards.
- Major funders are Defense Advanced Research Project Agency (DARPA) and the Department of Energy (DoE).

**Publications (2022-2023):** 15 journal articles and 1 book

**Presentations (2022-2023):** 8 invited presentations

#### Graduate Students Mentored (2022-2023):

- Shamira Sultana, PhD, Plant Sciences/Biotech
- Robert Petursson, MS Plant Sciences/Biotech
- Audrey Birdwell, MS Plant Sciences/Biotech
- Bryce Trull, MS Plant Sciences/Biotech
- Robert Sears, PhD, Plant Sciences/Biotech
- Tyler Newton, MS Plant Sciences/Biotech
- Jessica Stockdale, MS, Plant Sciences/Biotech

#### Faculty Mentoring or Other Active Collaborations:

- Active collaborations exist in several UTK departments, as well as Oak Ridge National Laboratory (ORNL), Pacific Northwest National Laboratory (PNNL), Los Alamos National Lab (LANL), Sandia National Laboratories (SNL), Johns Hopkins University, MIT, University of California-Davis, and other universities and companies. Mentor to three faculty members.

#### Other Evidence of Impact on the Institution:

- Co-director of the Center for Agricultural Synthetic Biology
- Research.com Top 1000 Scientists in Plant Science and Agronomy (#369 in the world ranking and #107 in the U.S., 2023)
- Editor-in Chief, Plant Cell Reports

### Recommendations to Enhance the Effectiveness of the Program

- Continue to refurbish the core facility of the Center for Agricultural Synthetic Biology.
- Continue to refurbish lab for secure research.
- Begin new project on Trinitrotoluene (TNT) detection and remediation.
- Publish paper on plant-based standoff sensing of human decomposition using Anthropology's "Body Farm".
- Install a greenhouse "phenomics" facility based on fluorescence and hyperspectral capabilities.
- Complete one book manuscript and publish another book.
- Start a new plant metabolomics lab.
- Teach a new course in plant genetic engineering.

# University of Tennessee Knoxville

## J. Fred Holly Chair of Excellence in Economics

### Status of the Chair of Excellence

Christian Vossler has held the *J. Fred Holly Chair of Excellence* since August of 2019. Dr. Vossler received his PhD in applied economics from Cornell University in 2003.

### Impact of Chair of Excellence on UTK, College, and Programs

#### Active Grants and Other Sources of Funding:

- Two active grants from the U.S. Environmental Protection Agency, totaling \$1.6 million.

**Publications (2022-2023): 7**, including two in *Proceedings of the National Academy of Sciences*

**Presentations (2022-2023): 6** invited academic presentations, including:

- Society for Benefit-Cost Analysis, July 2023.
- Association of Environmental and Resource Economists, June 2023.
- Social Cost of Water Pollution Conference, Sept 2022.

#### Graduate Students Mentored (2022-2023):

- Chaired two dissertation committees, served on two other dissertation committees. Advised two students on their second-year research paper (department requirement).

#### Other Evidence of Impact on the Institution:

- Editor-in-chief of the *Journal of the Association of Environmental and Resource Economists*.
- Co-editor of *Environmental and Resource Economics*.
- Received Journal Article of Enduring Quality award from the Canadian Agricultural Economics Society.
- Board member of the Association of Environmental and Resource Economists
- Director of UTK Experimental Economics Laboratory.
- Fellow of the Howard H. Baker Jr. School of Public Policy and Public Affairs.
- Fellow of the Center for Behavioral and Experimental Agri-Environmental Research.
- Developed an accelerated combined bachelor's and master's degree program in economics that can be completed in five years. Will be submitted for approval fall 2023.

### Recommendations to Enhance the Effectiveness of the Program

- Collaborate with researchers at the Land, Environment, Economics and Policy Institute (LEEP), The Teton Group, and the Social Cost of Water Pollution Working Group to produce policy-relevant research that can be published in top general science journals.
- Continue PhD student reading group in the areas of micro theory and experimental economics.
- Continue to mentor junior faculty and graduate students.
- Continue to use resources from the Holly Chair to fund graduate student research and conference activities.

# University of Tennessee Knoxville

## Nancy Gore Hunger Chair of Excellence in Environmental Studies

### Status of the Chair of Excellence

Dr. Dan Simberloff (PhD, Harvard University) serves as the Chairholder of the *Nancy Gore Hunger Chair of Excellence in Environmental Studies*.

### Impact of Chair of Excellence on UTK, College, and Programs

#### Publications (2022-23): 23

- Thirteen articles and three book reviews.
- Chinese translation and edition of book Invasive Species: What Everyone Needs to Know.
- **Presentations (2022-23): 3** at conferences, **4** at universities

#### Graduate Students Mentored: (2022-23): 4

- Krista DeCooke – hemlock woolly adelgid and conservation NGO (MS expected 2023).
- Maria Daniela Rivarola - rodent ecology. PhD 2022. Assistant Professor at Regis University.
- Wieteke Holthuijzen – invasion biology (PhD expected 2025).
- Sara Campbell, Post-Doctoral Fellow (2020-2023).

#### Faculty Mentoring or Other Active Collaborations:

- Pursuing one book, three manuscripts and developing two other research projects, plus second editions of two earlier books.

#### Other Evidence of Impact on the Institution:

- Courses Taught: Invasion Biology (twice).
- Co-Editor-in-Chief of a major international journal, *Biological Invasions*.
- Associate Editor-in-Chief of the *Annual Review of Ecology, Evolution, and Systematics*.
- Member of National Academy of Sciences and American Academy of Arts and Sciences.
- Lead author on part of International Platform on Biodiversity and Ecosystem Services (IPBES).
- Honorary doctorate and commencement address, McGill University.

### Recommendations to Enhance the Effectiveness of the Program

- Finish publications in preparation on various aspects of ecology and invasion biology.
- Continue research on several projects related to invasion biology.
- Continue work on a book on the history of invasions and invasion biology.

# University of Tennessee Knoxville

## Pilot Oil Corporation Chair of Excellence in Leadership

### Status of the Chair of Excellence

The *Pilot Oil Corporation Chair of Excellence in Leadership* is currently held by Dr. Michael R. Galbreth. Dr. Galbreth obtained his PhD from Vanderbilt University.

### Impact of Chair of Excellence on UTK, College, and Programs

**Peer-Reviewed Publications (AY 2022-23): 4**

**Invited Presentations (AY 2022-23): 2**

- University College Dublin
- Institute for Operations Research and Management Science (INFORMS) Annual Meeting

#### **Faculty Mentoring or Other Active Collaborations:**

- As Department Head, serves as a leader and mentor for 28 faculty in the Department of Business Analytics & Statistics to ensure teaching and research excellence.
- Engaged in current research collaborations with faculty across UTK, including the Departments of Supply Chain Management and Industrial and Systems Engineering.

#### **Other Evidence of Impact on the Institution:**

- Worked frequently with Advancement on several major gifts.
- Successfully recruited four new departmental faculty in academic year (AY) 2022-2023.
- Oversaw the continued rapid growth in the department's Corporate Partnership Program, which enhances ties between Haslam College's award-winning business analytics faculty and programs and the business community.
- Led the ongoing exploration and initial planning for a part-time hybrid (online/in-person) master's degree in business analytics (MSBA) to enable working professionals to access UTK's world-class MSBA and the career opportunities it provides.
- Recruited a very strong and diverse incoming PhD student cohort.
- Led the development and launch of a new series of customized non-degree programs to improve analytical competencies at organizations in Tennessee and the surrounding region.
- Oversaw development of asynchronous, modular courses on applied data science that can be offered as for-credit options and part of a future non-degree certificate.

### Recommendations to Enhance the Effectiveness of the Program

- Foster relationships and continue to grow the Corporate Partnership Program.
- Continue to ensure that Haslam College's business analytics degree programs are innovative, relevant, and keeping pace with this dynamic and fast-changing field.
- Continue to enhance and expand non-degree programs in business analytics.
- Continue to drive a culture of research and teaching excellence within the department.
- Maintain senior editorial roles at leading academic journals.
- Continue to publish cutting-edge research in retail analytics and the circular economy.
- Continue the progress to establish Haslam College's PhD program as a top source of academic talent in business analytics



# University of Tennessee Knoxville

## Willis Lincoln Chair of Excellence in Physics

### Status of the Chair of Excellence

Dr. Cristian Batista (PhD) is the Chairholder of the *Willis Lincoln Chair of Excellence in Physics* since 2015. Dr. Batista, a theoretical condensed matter physicist, came to UTK from Los Alamos National Laboratory and holds joint appointments at UTK and Oak Ridge National Laboratory (ORNL).

### Impact of Chair of Excellence on UTK, College, and Programs

#### Active Grants and Other Sources of Funding: 6

- “Theoretical understanding of novel magnetic states in f-electron materials”
- Los Alamos National Lab (LANL), PI (Cristian Batista).
- “Understanding Quantum Matter Beyond the Unit Cell” FWP of ORNL, PI (Andy Christianson).
- “Quantum Multipolar Fluctuations in Spin-orbit Magnets” PI’s, DOE funding (UTK PI: Cristian Batista, Georgia Tech PI: Martin Mourgil).
- “AI and data science enabled predictive modeling of collective phenomena in strongly correlated quantum materials” (PIs: Steve Johnston, Cristian D. Batista and Adrian del Maestro).
- “Center for Advanced Materials and Manufacturing (CAMM)” - (PI - Alan Tennant).

#### Publications (2022-23): 11

- Six articles published in high-profile journals (Nature Physics, Nature Communications, npj Quantum Materials).

#### Presentations (2022-23): 5

#### Faculty Mentoring or Other Active Collaborations:

- Networking with other institutions, including Georgia Tech, LANL and ORNL.
- Collaborations with Profs. H. Zhou, J. Liu, S. Johnston, and D. Mandrus.
- Liaison between UTK and the Spallation Neutron Source (SNS) at ORNL.
- Recruitment of one PhD student.

#### Other Evidence of Impact on the Institution:

- Wrote a cluster hiring proposal, Quantum Materials for Future Technologies (QMFT), that was selected by UTK among 18 proposals. UTK completed the Cluster hire: Professors A. del Maestro, Ruixing Zhang, Alan Tennant, Yang Zhang, Wonhee Ko and Yshu Wang have joined the departments that participate in the cluster. The first huge accomplishment of the cluster hire is a new Materials Research Science and Engineering Center (MRSEC) (**18 million dollars**) that is positioning UTK among the top institutions in the US for the study of quantum materials.
- Led in creating open-source software (Sunny) for modeling neutron scattering data.

### Recommendations to Enhance the Effectiveness of the Program

- Additional recruitment of high-quality PhD students is critical.
- Proactive recruiting/international exchange programs with top universities.
- Boost career of young scientists through tight experiment/theory collaborations.
- Create a summer student program at the Shull Wollan Center.
- Build a strong experimental/theory group in correlated electron physics.

# University of Tennessee Knoxville

## H. H. Arnold Chair of Excellence in Computational Mechanics

### Status of the Chair of Excellence

The *H. H. Arnold Chair of Excellence in Computational Mechanics* was established in 1996, and Dr. John D. Schmisser was hired as the Chairholder effective August 2014. He teaches and leads research at the University of Tennessee Space Institute (UTSI). Prior to joining the faculty, Dr. Schmisser was the Chief of the Energy, Power and Propulsion Sciences Division and Program Manager for Hypersonics/Aerothermodynamics within the Air Force Office of Scientific Research.

### Impact of Chair of Excellence on UTSI, College, and Programs

#### Active Grants and Other Sources of Funding:

- Thirteen active awards from the Air Force, Navy, Department of Defense (DoD) High-Performance Computing Modernization Office, and NASA with obligated funding approaching \$11M.

**Publications (2022-23): 5**

**Presentations (2022-23): 5**

**Graduate Students Mentored (2022-23): 9**

- Five students (including four women) graduated and took positions at Oak Ridge and Sandia National Laboratories, NASA Ames, and the USAF Research Laboratory.

#### Faculty Mentoring or Other Active Collaborations:

- Led UT engagement with Lockheed Martin in securing ~\$600k of new industry funding for aerospace research at UT.
- Chosen as a member of the Initial Governing Board for the DoD-sponsored *University Consortium for Applied Hypersonics* – comprised of 100+ academic and industrial institutions.
- Led seven university DoD-funded efforts in Hypersonic Workforce Development.

#### Other Evidence of Impact on the Institution:

- 2021 nominee for the *President's Award around Discovery*.
- Elected to the University of Texas at Austin Aerospace Engineering and Engineering Mechanics *Academy of Distinguished Alumni*.

### Recommendations to Enhance the Effectiveness of the Program

- Complete characterization of Air Force Research Laboratory (AFRL) funded Mach 7 Ludwig Tube (first run in Spring 2021).
- Add two new research associates and a post-doctoral associate to the research team to enable completion of funded work (Fall 2021).
- Continue leadership of UT efforts in pursuit of hypersonic research funded by DoD.
- Leverage rapidly growing hypersonics portfolio to develop broader research capabilities supporting full spectrum of Aerospace and Defense research and dramatically increase UTSI presence in Huntsville.
- Promote regional development of high-tech industry in southern middle Tennessee catalyzed by access to high-quality research at UTSI.

**University of Tennessee Knoxville and Space Institute  
Edward J. and Carolyn P. Boling Chair of Excellence in Space  
Propulsion**

**Status of the Chair of Excellence**

The *Edward J. & Carolyn Boling Chair of Excellence in Space Propulsion* chair was last filled in 2009 by Dr. Gary A. Flandro. As we hire more faculty, we will look for opportunities to utilize this distinction.

## University of Tennessee at Martin 2022-2023

Chair of Excellence	Date Established	Chairholder
1) Gilbert Parker Chair of Excellence in Food and Fiber	1988	Dr. Joey Mehlhorn
2) Horace and Sarah Dunagan Chair of Excellence in Banking	1988	Mr. John Clark
3) Tom E. Hendrix Chair of Excellence in Free Enterprise and Economics	1985	Dr. Tommy Cates

# University of Tennessee, Martin

## Gilbert Parker Chair of Excellence in Food and Fiber

### Status of the Chair of Excellence

Dr. Joey E. Mehlhorn (PhD Agricultural Economics) serves as the Chair Holder of the *Gilbert Parker Chair of Excellence in Food and Fiber*. The Parker Chair is charged with coordinating the Master of Science in Agriculture and Natural Resources program. Activities include advising graduate students, teaching graduate courses in agribusiness and system science, recruiting students, and serving on student graduate committees.

### Impact of Chair of Excellence on UTM, College, and Programs

#### Active Grants and Other Sources of Funding: 3

- Tennessee Governor's School for the Agricultural Sciences, Tennessee Department of Education and Tennessee Department of Agriculture (\$156,000)
- Empowering small farmers and agriculture students: FSAS (Farmers' School for Agricultural Sustainability) and Experiential Learning Programs. NIFA (\$299,932)
- Tennessee Corn Growers (\$15,500)

#### Publications & Conference Papers (2022-2023): 1

#### Presentations (2022-2023): 10

#### Graduate Students Mentored: (2022-2023): 3

#### Faculty Mentoring or Other Active Collaborations:

- Served as Dean of Graduate Studies at UT Martin (2021-Present)
- Provided guest lectures in Food Security and Agricultural Policy for Family and Consumer Sciences
- Ned Ray McWherter Institute Faculty Mentor
- University Strategic Enrollment Implementation Steering Committee
- Faculty mentor and instructor for Agriculture in Siena Italy program
- Coordinator for the State FFA Farm Business Management Contest
- Experiential Learning Leadership Institute (ELLI) Conference Planning Committee
- Director of the Tennessee Governor's School for Agricultural Sciences
- Mid-South Ag Trade Conference Planning Committee
- Experiential Learning Leadership Conference Planning Committee
- Mid-South Ag Finance Conference Planning Committee.

### Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue to serve on the planning committee for the Mid-South Agricultural Finance Conference.
- Expand graduate programs and external funding to support research projects at UTM.
- Recruit students to UTM graduate programs and direct student projects.
- Expand and diversify undergraduate Agribusiness program and Master of Science in Agriculture and Natural Resources (MSANR) program as necessary to meet industry needs.
- Continue to provide economic and business assistance for departmental research projects.

# University of Tennessee at Martin

## Horace and Sarah Dunagan Chair of Excellence in Banking

### Status of the Chair of Excellence

Mr. John Clark, retired banker and former President and CEO of First State Bank, now Simmons Bank, holds the *Horace and Sara Dunagan Chair of Excellence in Banking* as Interim Director in a non-academic capacity since January 2017. The Dunagan Chair of Excellence in Banking at UT Martin bridges academia and the banking profession through innovative and impactful teaching and practitioner-oriented service and intellectual contributions, as well as working with community banks by hosting seminars and partnerships to offer internships/work experiences for students with an interest in a potential banking career.

### Impact of Chair of Excellence on UTM, College, and Programs

#### Opportunities for Students:

- Continued expanding opportunities with banks and financial services entities for students while still enrolled and upon graduation.
- Developed three additional scholarships with financial institutions. There are six scholarships in total. Students for five of these scholarships have been identified for the 2023-2024 academic year.
- Created three micro internship opportunities for students. Two research projects were completed by students. One project on Blue Oval City and the other on the need for Trust Education. The third micro internship was an opportunity to gain experience in event planning.

#### Research Projects:

- 2023 Conference of State Bank Supervisors (CSBS) Case Study Project; with a five- member student team, partnering with Commercial Bank & Trust (Paris, TN).

#### Selected Other Activities:

- TBA Credit Conference, 16 students attended this conference in Nashville.
- Supported the Topics in Finance (FIN 471) class; the MBA Management 790 (Strategic Management) course; the Financial Management Association (FMA) student organization; and local Future Business Leaders of America (FBLA) high school chapters.
- Hosted a “Bankers Luncheon” with community banks and Commissioner Gonzales and TN Bankers Association Vice President, Stacey Langford; the 2022 Mid-South Ag Finance Conference Bootcamp; and the 2022 Mid-South Ag Finance Conference with record attendance of registrations.
- Worked to develop the 2023 25th Anniversary of the Mid-South Ag Finance Bootcamp and Conference.

### Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue to participate in the Conference of State Bank Supervisors (CSBS) Case Study Competition.
- Continue to host the Mid-South Agriculture Finance Conference and the Bootcamp.
- Continue to support the undergraduate Commercial Banking Class, lead the Topics in Finance (FIN 471) class, support establishing a new upper division Finance course focusing on Trust basics.

# University of Tennessee at Martin

## Tom E. Hendrix Chair of Excellence in Free Enterprise and Economics

### Status of the Chair of Excellence

Dr. Tommy Cates (D.B.A., Management) holds the *Tom E. Hendrix Chair of Excellence in Free Enterprise and Economics*. The Hendrix Chair supports free enterprise through development of students in entrepreneurship and leadership both at the collegiate and the high school levels. This includes working with students who are interested in starting their own companies. Along with these emphases, teaching and research are required.

### Impact of Chair of Excellence on UTM, College, and Programs

- Supported Tennessee Jump\$tart (Financial Literacy)
  - Served on Board of Directors for the statewide coalition.
  - Planned and actively supported the 2023 Convention for educational leaders.
  - Served as moderator for a session of the Jump\$tart Conference.
  - Developed promotional materials and images to support the 2023 conference.
- Served as pro bono consultant to local entrepreneurs as needed.
- Taught two undergraduate classes at UT Martin in Entrepreneurship and Intrapreneurship.
- Supported minors in Entrepreneurship and Leadership.
- Served on Committees as assigned:
  - Graduate Committee within College of Business and Global Affairs (CBGA)
  - Interdisciplinary Studies Committee (CBGA representative)
  - Committee for Additional Faculty
  - ETTRE Committee Chair for two faculty members
- Served on the Marketing, Distribution & Logistics Advisory Council within the Tennessee State Department of Education.
- Reviewed two articles for the Journal of Business Perspectives within the College of Business and Global Affairs.

### Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue leadership role in Tennessee Jump\$tart and provide economic and business assistance for departmental research projects.
- Pursue contacts in high schools to visit Distributive Education Clubs of America (DECA) and Future Business Leaders of America (FBLA) programs and to serve as mentor in these programs.