



Tennessee Higher Education Commission Chairs of Excellence



October 2022
Annual Report

TENNESSEE HIGHER EDUCATION COMMISSION

2021-2022 COMMISSION MEMBERS

Mr. Evan Cope | **Chair** | Murfreesboro | Middle Tennessee

Ms. Whitney Allmon | Dyersburg | West Tennessee

Ms. Pam Koban | Nashville | Middle Tennessee

Mr. Jimmy Matlock | Lenoir City | East Tennessee

Mr. Jay Moser | Jefferson City | East Tennessee

Ms. Tara Scarlett | Nashville | Middle Tennessee

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

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

Ms. Dakasha Winton | **Vice Chair** | Chattanooga | East 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. Andrew Kingsolver | Roane State Community College | Student Member



Chairs of Excellence Report

Table of Contents

Introduction	1
Chairs of Excellence Overview.....	2
Austin Peay State University.....	3
East Tennessee State University.....	8
Middle Tennessee State University.....	17
Tennessee State University.....	28
Tennessee Technological University.....	31
University of Memphis	34
University of Tennessee Chattanooga.....	60
University of Tennessee Health Science Center	71
University of Tennessee Knoxville.....	92
University of Tennessee at Martin	112

Tennessee Higher Education Commission

Introduction

Chairs of Excellence, 2021-2022

The 2021-2022 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 2022, 14 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 2022

Institution	Number of Chairs of Excellence	Number Filled	Percent Filled
Austin Peay State University	4	4	100%
East Tennessee State University	8	7	88%
Middle Tennessee State University	10	8	80%
Tennessee State University	2	0	0%
Tennessee Technological University	2	2	100%
University of Memphis	24	21	87%
Total Locally Governed Institutions	50	42	84%
UT Chattanooga	10	10	100%
UT Health Science Center	19	16	84%
UT Knoxville	18	15	83%
UT Martin	3	3	100%
Total University of Tennessee System	50	44	88%
Total	100	86	86%

Austin Peay State University 2021-2022

Chair of Excellence	Date Established	Chairholder
1) Roy Acuff Chair of Excellence in Creative Arts	March 1986	Sarah Kay
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 departments – Music, Theatre and Dance, Creative Writing, and Art and Design – on a four-year cycle. The 2021-2022 year was assigned to the area of Creative Writing (after a one-year deferment due to COVID). Spoken-word poet and public speaker, Sarah Kay, was selected to be the 2021-2022 Acuff Chair of Excellence. In the fall of 2021, Sarah Kay performed for an international audience via Zoom. As part of this fall residency, she also led a small-group class for students, a workshop of their writing, and conducted individual meetings. However, with the uncertainty of the ongoing COVID-19 pandemic, the CECA Director, Dean of the APSU College of Arts and Letters, Creative Writing faculty, and Sarah Kay elected to cancel the in-person portion of her residency. Acuff Chair activities are resuming Fall 2022 with Art + Design holding the main residency while Creative Writing holds Acuff-sponsored readings with fiction writer David Heska Wanbli Weiden and a visiting poet. Sarah Kay is an American poet whose Ted Talks and spoken word poetry performances have gone viral on social media. Kay is also the founder and co-director of Project V.O.I.C.E., a program that uses spoken word poetry to enhance educational curriculum. David Heska Wanbli Weiden is an enrolled citizen of the Sicangu Lakota nation and was named by the New York Times as one of “the most critically acclaimed young novelists working now.” His debut novel, *WINTER COUNTS*, was called a “once-in-a-generation thriller” by the Los Angeles Times.

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 in the importance of the creative arts. 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. There were no activities for the Acuff Chair in 2020-2021, due to the ongoing COVID-19 pandemic, but activities resumed in 2021-2022.

Recommendations to Enhance the Effectiveness of the Program

The APSU Center of Excellence for the Creative Arts is committed to integrative learning. This objective could also serve across the chairs of excellence in all disciplines if the state would support an annual symposium of the chairs to discuss how cross-disciplinary integrative learning might be furthered within the Tennessee higher education system. It is the opinion of the CECA Director and the Dean of the College of Arts and Letters at APSU that, while hosting several guest artists can be good for variety, this approach dilutes the intended impact of the Acuff Chair of Excellence. Therefore, as we move past the Covid-19 impacts to our Acuff scheduling abilities and attempt to get back on track with our Acuff rotations, it is recommended that each department be allowed to select only one Acuff Chair of Excellence, with the option for that guest artist to bring in collaborating artists. This will increase the impact of the Acuff Chair of Excellence role and allow for more student and community involvement.

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 2021-22. Dr. Phillips has had a distinguished career as a faculty member at Austin Peay State University. Dr. Phillips has an active research agenda, including a recent publication in *Managerial Finance*, a leading peer review journal. 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 2020-21 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, the chair holder accompanied students attending the Student Managed Investment Fund Conference in Chicago in the 2021-22 academic year.

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. It was made possible by a substantial gift to the University from Amelia Harper Lay Hodges, prominent Dallas humanitarian. During the 2021-22 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 2021-22 year as the Harper-Bourne Chair of Excellence, Dr. Lean worked to implement the College of Business assessment plan and draft its AACSB Initial Self-Evaluation Report. 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 *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. She has an MSN in Holistic Nursing and a PhD in Health Psychology with a focus in Psychoneuroimmunology. 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.

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

The Lenora C. Reuther Chair of Excellence is an important complement to the School of Nursing at APSU. The main role is to enrich academic scholarship in the School of Nursing. With faculty member Dr. Leslie Binford, Dr. Wilson published an editorial *Caring for Families with a History of Reproductive Challenges* in the July/August 2022 issue of *Journal of Pediatric Surgical Nursing*. Dr. Wilson worked with faculty member Cindy Meyer on an article (summer 2022), *Sleep and Health*, that was published in *New York Nurse*. With faculty members Dr. A. Hamlin and Dr. M. Robertson, Dr. Wilson published a peer-reviewed on the Tanner stages in the July/August 2022 *Journal of Pediatric Surgical Nursing*. Two grants have been submitted in August of 2022. One grant was to the Tennessee Nurses' Foundation for \$4000 to support a data driven research project on the perception of the profession of nursing. The LCR Chair of Excellence is working with colleagues Cindy Meyer, Dr. L. Binford, Dr. K. Butler, and Dr. E. Rice in the School of Nursing. IRB has approved this research 22-042 and data will be collected this fall. A Health Resources and Services Administration (HRSA) grant for almost \$350K each year for 3 years was developed and submitted August 19, 2022 by Dr. Wilson, for expansion of the simulation lab and the experience for students. The total of this was \$1,046,886.00. This grant, if chosen, will pay for wearable SIM for students learning skill sets in the nursing lab and also cover faculty/staff training, and a salary for 3 lab assistant/ actors for 3 years.

Recommendations to Enhance the Effectiveness of the Program

Grant writing training for the Chair of Excellence, staff, and faculty from the School of Nursing and Research and Sponsored Programs will be helpful and hopefully be specific to National Institutes of Health (NIH) and HRSA grants. A bi-annual will be developed to disseminate APSU School of Nursing scholarship successes, upcoming opportunities in research, grants, articles, or presentations.

**East Tennessee State University
2022-2022**

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 Effective July 2022
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. Amy Wright

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. Prior to his appointment, Mr. Harlan held technical and executive leadership positions within engineering, operations, supply chain and businesses spanning twelve countries and four continents for 37 years with Eastman Chemical Company.

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

Mr. Harlan served as the Interim Chair of Management & Marketing Department for the 2021-2022 academic year and Professor of Practice teaching both undergraduate and graduate courses in business and engineering technology within ETSU's College of Business and Technology.

He also established the first cohort of 40 ambassadors from the *College of Business And Technology (CBAT) Leadership Academy* who all successfully completed the program. The Academy brings together a diverse cohort of top business and technology students. Engagement with both faculty and external business sponsors provides a unique learning opportunity aimed at developing future leaders for our region and world.

The Chair was also critical to the Leading Conceptual Planning Team for the Sam Wilson Hall Expansion, providing functional integration and future physical space recommendations. Dr. Harlan was also involved in the development of the project's case-for-need, a conceptual scope definition and execution approach for targeted project completion in late 2022. He also supported regional economic growth by serving on the Johnson City Chamber's Small Business Development Council and Board of Directors for the Tennessee Center for Performance Excellence. He secured funding for multiple grants totaling over \$2.5M for advancing regional development and education.

He was active in promoting regional philanthropy and networking by serving as Vice-Board Chairman of East Tennessee Foundation, President of QUEST Foundation for Washington County Schools, Board President for Coalition for Kids, Board of Kingsport Community Foundation, Board of Tennessee Center for Performance Excellence and Board of Regents for Carson-Newman University.

Recommendations to Enhance the Effectiveness of the Program

It is recommended that the Chair continue to advance 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 9/1/20. 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 courses in strategy, global business, international law, environmental and health law in the Colleges of Business and Technology and Public Health and also serves as CEO of the ETSU Research Corporation (“the RC”) with responsibilities that include ETSU’s i-Lab and Valleybrook Campuses. The RC (www.etsurc.org) convenes and connects across the campus and the region driving collaboration, innovation, and activation. The Chair is heavily engaged in public/private strategy to drive regional economic prosperity led by ETSU and other major local employers. In 2022, the Chair obtained over \$1.1 million in RC funding commitments for the expansion of the local innovation ecosystem and to seed a venture fund focused on angel level investments.

The Chair worked on recruitment projects in the med-tech space including a start-up that restores discarded kidneys to enable transplants and Middle Eastern, NASDAQ-traded company seeking to establishment a US HQ. The RC joined BioMADE (<https://www.biomade.org>), a \$250 million dollar United States DoD initiative to secure America’s future through bio industrial manufacturing, innovation, education, and collaboration. The Chair was appointed to BioMADE’s Education and Workforce Development Committee. The Chair presented at global conferences including SynBioBeta in Silicon Valley and AUVSI Xponential 2022.

Mr. Golden leads ETSU partnerships with world-class organizations such as BioMADE, MIT, WHOI, RSS, MATE II (www.mateii.org), the Brand Storytelling Network, 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), the Niswonger Foundation, Ballad Health, the University of Tennessee’s Howard H. Baker Center for Policy, Music for All (Vice-Chair), Leadership Tennessee (Chair) and STREAMWORKS (Chair).

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% 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 2021-2022 academic year, Dr. Williams authored or co-authored (with students, postdoctoral fellows, faculty, and collaborators at other universities) 14 peer reviewed scientific papers and 9 scientific abstracts and/or presentations at national and international meetings.

In 2022 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 26 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

Dr. Ronald Hamdy continues as the *Cecile Cox Quillen Chair of Excellence in Geriatrics and Gerontology*. His work continues to be highly successful and productive. Not only did he maintain productivity while adhering to various Covid-19 safety protocols, but increased outreach by using Telehealth tools which have become quite popular with patients, their relatives, and staff, while increasing the contact levels with patients. We expect this momentum to build as we continue to serve more patients and to use Telehealth technology as a teaching tool.

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

The Chair maintains visibility through a thriving research and publications program. The Chair is the author of a book on *Osteoporosis: A case-based approach* (expected later in 2022 or early 2023 from Elsevier Publishing).

He is also Editor-in-Chief of the *Journal of Clinical Densitometry*, the official Journal of the International Society for Clinical Densitometry. Dr. Hamdy serves as the Editor of *Gerontology and Geriatric Medicine*, an open medical journal for Geriatric Medicine. He is a voting member of the Board of Directors of the International Society of Clinical Densitometry. While serving as the "Immediate 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 and based in London, England.

Dr. Hamdy is collaborating with the Addiction Science Center of the Opioid Screening: Brief Intervention, Referral for Treatment in Tennessee, the "SBIRT" program. The Chair's teaching program continues to flourish and develop in traditional in-person programs as well as virtual programs. This allows a closer interaction with colleagues and health care providers. At the local level, the Osteoporosis Program continues to collaborate with area health departments to reach out to the community and provide DEXA bone density screening to uninsured patients for Osteoporosis Awareness Month. Dr. Hamdy also works closely with ETSU students across health care fields through teaching classes, holding special topic lectures, and supporting specific specialization needs of students as they arise. Dr. Hamdy also serves on the ETSU Institutional Review Board.

Recommendations to Enhance the Effectiveness of the Program

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

East Tennessee State University

James H. Quillen Chair of Excellence in Education

Status of the Chair of Excellence

Dr. Brittany Hott was hired as the *Quillen Chair of Excellence in Education* and was to begin her appointment in 2022; however, due to unforeseen circumstances she had to resign prior to her start date. A national search was launched in Spring of 2022. In June 2022, Dr. Dawn A. Rowe was hired as the Quillen Chair of Excellence. Dr. Rowe is an international scholar with extensive experience in higher education and rural/remote schools. Over the course of her career, she has generated over \$19,500,000 in extramural funding and has 50 peer reviewed publications. Following interruptions due to COVID responses, Dr. Rowe started this position July 1, 2022.

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

Dr. Rowe's general line of research focuses on education and well-being. Transition-related skills are defined as the academic (e.g., math, reading) and functional skills (e.g., social-emotional, organizational, self-determination, employment) needed to support students in moving through school to adult life. Dr. Rowe values research excellence and understands the importance of knowledge translation and developing strategies to support bridging the research-to-practice gap in health and education. As a researcher, she is primarily interested in identifying evidence-based practices (e.g., family engagement, self-management skills, social skills) and understanding how variables such as school climate, professional development, and contextual factors (e.g., PBS, class size, class culture) will improve in-school and post-secondary outcomes among individuals. Dr. Rowe's focus as the Quillen Chair of Excellence will be to build the capacity of faculty, staff, and students in teaching and research to impact systemic change in both education and health outcomes in this region.

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. She will focus on developing a mission and goals for programs associated with the Chairs work. She will engage stakeholders in the development of processes for determining project focus moving forward and as a strong consensus builder, she will work to enhance the effort of community engagement in her work as a Chair of Excellence.

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 LA. 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) & 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. Dr. Koyamangalath Krishnan, Professor of Medicine, Department of Internal Medicine has been the chair holder since 2006, but retired on March 18, 2022.

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

Dr. Krishnan has been involved with ongoing research in laboratory and patient-centered research in a collaborative manner and is actively involved in providing opportunities and mentoring for trainees in the Department of Medicine and in the College of Medicine. Dr. Krishnan's research efforts have led to several positive developments, including improvement in the publication quality in the Department of Internal Medicine, fostering a multidisciplinary effort in Vitamin E research. With Dr. Krishnan's retirement, a Dishner Chair of Excellence search is underway.

Recommendations to Enhance the Effectiveness of the Program

The Dishner Chair of Excellence has defined and stringent criteria that will need to be met, and a national search complete as soon as possible:

- The selection of the Chairholder will go before a screening committee which will make recommendations for appointment to the President of East Tennessee State University. The committee shall consist of the Chair of the Department of Chemistry at ETSU, the Vice President of Clinical Affairs at ETSU, a senior faculty member in Surgery and a senior faculty member in Internal Medicine.
- The Chairholder will be someone of outstanding National reputation at least some of whose professional training was from one of the top twenty medical schools in the country.
- The Chair is expected to maintain an active and productive research program at the College of Medicine and to facilitate research programs of other faculty in the Department of Internal Medicine and the College of Medicine.

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. Amy Wright, Professor of English from Austin Peay State University and award-winning author and poet served as the Basler Chair of Excellence during spring 2022.

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

Dr. Wright's Basler residence was an outstanding success in all regards. She delivered four public lectures that were well-attended by students, faculty, and members of the public as well as having taught a course on creative writing that was very well received. Dr. Wright epitomized what a Basler Chair should be in that her work melds creative writing and science writing. The discussions that followed her public lectures would often extend well beyond the end of the presentation and she left members of the Department of Literature and Language energized with the possibility of new and creative, interdisciplinary opportunities in academia.

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. We focused more heavily on advertising and promotion during Dr. Wright's residency which paid off with consistently strong attendance at her public lectures. We plan to do the same with the next Basler Chair and better incorporate social media to announce presentations to attract more members of the general public. Starting in fall 2022, Dr. Jason Davis will be the next Basler Chair, hosted by the Department of Media and Communication. Davis is a musician, educator, and the director of Climate Stories Project, an educational and artistic forum for sharing personal stories about the changing climate. He holds a doctorate in music from McGill University and is an instructor at Worcester Polytechnic Institute.

Middle Tennessee State University 2020-2021

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 Search in progress
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 Effective August 2022
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 Effective January 2022
10) Joey A. Jacobs Chair of Excellence in Accountancy	June 2013	Mr. Jarett Decker Effective August 2022

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

Nearly 4 million users clicked on articles in *The First Amendment Encyclopedia* and its associated website in the MTSU fiscal year ending June 30. The encyclopedia is the heart of a digital resource which the Seigenthaler Chair launched in September 2017. The encyclopedia itself consists of 1,661 articles written by scholars, a large number written by John Vile, dean of MTSU's Honors College. It is quoted often and linked in news stories, such as in a recent *New York Times* story about the Speech and Debate Clause. Its articles also have been cited in legal briefs. The chair partners with The Free Speech Center on campus which adds news content from The Associated Press. 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.

Additionally, the director of the chair held a speaking event for students with author Mitchell Jackson, winner of the 2021 Pulitzer Prize in Feature Writing, taught an editing class in the School of Journalism and Strategic Media and 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 two programs for Fall 2022 for students. One is with the winners of the 2022 Pulitzer Prize for Investigative Reporting. The other is with a *Wall Street Journal* journalist who produced a 100-year retrospective on the Tulsa Massacre. Also, the chair is working to expand and deepen the encyclopedia in coordination with The Free Speech Center, which may include redesign and search engine optimization.

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

Due to the continued concerns surrounding large in-person events and the COVID-19 Pandemic, the fall 2021 conference entitled "2021 Leadership Summit" was cancelled. No awards were awarded.

Recommendations to Enhance the Effectiveness of the Program

Jones College delivered a suggestion to the Jennings and Rebecca Jones Foundation regarding a redeployment of this Chair of Excellence. Discussions are ongoing, with a prime objective being to maintain the original intent of the donor. One point agreed upon is that when the current Chairholder retires from this position, a representative from the Foundation will serve on the selection committee for the new Chairholder.

In the meantime, planning continues with the goal of relaunching the Leadership Summit in October 2022, including the presentation of several community awards, as has been done in the past.

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. Dr. Edwards was also the founding director of the Center for Health and Human Services (CHHS), which has worked in tandem with the Adams Chair to secure funding for and manage projects totaling over \$11 million.

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:

- Rapid Response COVID-19 grant through the U. S. Department of Agriculture's (USDA) National Institute of Food and Agriculture covering an 11-state area,
- Tennessee Department of Environment and Conservation (TDEC) grant to address environmental health and water quality,
- Provision of Mental Health First Aid programming on campus as a self-pay program while funding continues to be sought for the recently ended Substance Abuse and Mental Health Services Administration (SAMHSA) grant which previously funded this program,
- Tennessee Department of Health contract to train first responders on infant death scene investigation (DSI),
- Rural Communities Opioid Response Program (RCORP) grant through the Health Resources and Services Administration (HRSA) for rural, Tennessee communities which addresses the opioid epidemic through a needs assessment and gap analysis,
- Tennessee Department of Health grant from the Project Diabetes Initiative to address diabetes and obesity prevention in the MTSU student population through promotion of increased water consumption, healthy vending options, and provision of services from licensed dietetics professional and board-certified health coach on campus.

Recommendations to Enhance the Effectiveness of the Program

MTSU will begin recruiting a senior research scientist and health care expert to the Adams Chair in 2022. 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 to further support the Chair's work. That plan is expected to include strategies for securing grant dollars in the field of health care from funders such as the National Institutes of Health and the National Science Foundation.

Middle Tennessee State University

National HealthCare Chair of Excellence in Nursing

Status of the Chair of Excellence

Dr. Deborah Lee is in her third year as *National HealthCare Chair of Excellence in Nursing*. During this past year, the focus has been on scholarship, faculty development, leadership, and the inaugural Positive Aging Conference held at MTSU, June 10, 2022.

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

Dr. Lee continues to provide leadership as director of the Positive Aging Consortium. This past year activities focused on conference planning for the inaugural Positive Aging Conference. Along with the conference planning team, Dr. Lee managed all facets of the conference. Conference registrants' overall satisfaction rating for the conference was 3.78 (out of 4). Three new community members were added to the Consortium this past year.

Dr. Lee co-facilitated a Faculty Learning Community (FLC), Motivational Interviewing as Pedagogy, during the academic year. The group is currently developing a manuscript for publication and one member of the group presented during an international research conference (Dr. Lee co-authored the presentation). Dr. Lee will co-present two sessions for university faculty this year based on the work of the FLC.

Dr. Lee was awarded an internal grant for the study, Needs and Capacity of Certified Nursing Assistants in Long-Term Care: A Tennessee Workforce Assessment. This two-year study consists of two phases: key informant interviews with long-term care (LTC) administrators and Directors of Nursing, and focus groups of Certified Nursing Assistants currently working in LTC. Data from the interviews will be analyzed to develop a statewide survey to be deployed in early 2023, with completion of the study during summer 2023.

Dr. Lee remains active in leadership and faculty development opportunities for the School of Nursing (SON) faculty. This past year she organized a series of six webinars for faculty to develop skill in writing exam questions that align with the revised national nursing registration exam (NCLEX). Dr. Lee led the DAISY Award program for the School of Nursing (SON) to recognize outstanding faculty members. This year the SON recognized their first two recipients of the award. The past two academic years, Dr. Lee nominated a SON faculty member for the university Experiential Learning (EXL) award. Both nominees were selected to receive this award for their excellence in providing experiential learning opportunities for students.

Recommendations to Enhance the Effectiveness of the Program

1. Support faculty in scholarly and other, activities to enhance opportunities for promotion and tenure.
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 Positive Aging Conferences and other activities.

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. The Russell Chair position was advertised in the 2021-2022 Academic Year and is still open while finalists are being vetted.

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 participate in each.

Recommendations to Enhance the Effectiveness of the Program

1. Continue and expand research partnerships with Nissan 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 expanded the delivery of professional development to educators and outreach efforts to parents to include virtual platforms, growing the reach and impact across the state and beyond. He prioritized the development of 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. He will also continue to strive to increase and expand the ongoing research efforts associated with the Chair.

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

Dr. Spooner taught undergraduate and graduate courses in equine exercise physiology, as well as in equine event and facility management, equine evaluation and selection, and equine industry capstone courses. She was the Graduate Director for the M.S. in Horse Science program and chaired the committees of 28 completed M.S. students.

Dr. Spooner's research included the use of new technologies and alternative therapies in the horse industry. She conducted research on the influence of common equine protective legwear on surface and tendon temperatures in the equine limb and its contribution to tendon pathology. Dr. Spooner published research on long-term furosemide use in the horse as well as vibration therapy. Dr. Spooner also investigated perceptions and use of equine safety equipment by riders and perceptions of alternative therapies in the horse industry. In Summer 2021, Dr. Spooner's graduate students presented six abstracts at the international Equine Science Society Symposium.

Dr. Spooner served on the Board of the Equine Science Society, on the American Quarter Horse Association (AQHA) Equine Research Committee, and as a Committee Co-Chair for the American Youth Horse Council. Dr. Spooner coached the MTSU Horse Judging Team and traveled to Europe with MTSU students to conduct horsemanship clinics on behalf of the AQHA. She also served as an external reviewer for the Equine Science Program at the University of Limerick in Ireland. She works with Tennessee 4-H and Tennessee FFA to provide educational opportunities and horse judging contests.

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* 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. Dr. Arik prepared a grant proposal to investigate the relationships among human capital, entrepreneurship, and regional development in middle Tennessee counties. The Chair of Excellence will partially underwrite this research effort, including several faculty members and undergraduate and graduate students.
2. Dr. Arik has become a member of the Board of Directors for Cumberland Regions Tomorrow (CRT), which will be very beneficial because CRT's mission is to encourage and support growth planning specifically related to transportation and land use, including the preservation of rural landscapes and the character of communities.
3. Additionally, Dr. Arik has set up a 10-member Advisory Committee. The committee members will: (1) develop and provide recommendations for the Chairholder's activities; (2) help faculty and students connect with stakeholders in the Mid-state region; (3) serve three years in this capacity (with the ability to renew after these three years); and (4) attend meetings held twice yearly to discuss urban and regional issues within the Middle Tennessee area.

Recommendations to Enhance the Effectiveness of the Program

The Chairholder will engage advisory committee members and other regional stakeholders to advance the mission and objectives of the Chair of Excellence. Additional grant funding will further increase the participation of undergraduate and graduate students in urban and regional planning.

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. After a national search, Mr. Jarett Decker was appointed Chairholder on August 1, 2022. A native of Michigan, Mr. Decker received academic degrees from two of the most selective state universities in the country. He earned a B.A. with High Honors in Economics from the College of William and Mary, and a J.D. from the University of Michigan-Ann Arbor. He is a licensed Certified Public Accountant (C.P.A.).

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

The Chair was vacant in the 2021-22 academic year, but funds from the Chair supported the process of searching nationally for a new chairholder.

Recommendations to Enhance the Effectiveness of the Program

Mr. Decker will report directly to the Dean of the Jones College of Business on matters related to the Chair of Excellence. Jones College of Business has revised the responsibilities of the Chair of Excellence to match the original description of the chairholder's responsibilities. As the designated holder of the Joey A. Jacobs Chair of Excellence in Accountancy, Mr. Decker will be expected to:

- engage in innovative teaching and research in a specific area of accounting;
- publish the results of their research and/or creative activity in scholarly journals and/or professional publications;
- organize seminars and workshops for the various audiences served by their discipline;
- develop coursework on timely and relevant topics;
- collaborate with colleagues, not only in their respective college, but across campus and across the country;
- provide campus leadership to assure the University fulfills its goals and commitment to our external audiences, supports partnerships with our external constituents and fosters a culture of engagement and interaction with the business and professional community;
- promote quality and the maintenance of a student-centered environment.

An annual report shall be provided by the Chairholder on their activities and accomplishments to Joey A. Jacobs. Additionally, the Foundation will provide the donor with an annual accounting of endowment performance and activity.

**Tennessee State University
2021-2022**

Chair of Excellence	Date Established	Chairholder
Frist Chair of Excellence in Business (The College of Business)	July 1992	Vacant
Chair of Excellence in Banking and Financial Services (The College of Business)	March 1998	Vacant

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. The Chair was most recently held by a distinguished academician and practitioner, Dr. Stephen B. Shanklin, until his retirement in December 2020. Since his retirement, the position vacancy has been widely advertised but the College was unsuccessful in attracting the right candidate. The position is presently posted and applications are being accepted. Due to the difficulty in recruiting an appropriate candidate, the College is also considering an internal interim Chair holder.

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

Even though the Frist Chair is presently vacant, the Chair has continued to take advantage of the dynamic economic growth of the greater Nashville area to advance student professional development, faculty development and encourage greater numbers of better prepared students to enter career paths related to the profession of accounting. Impactful activities of the Frist Chair during the 2021-2022 academic year include:

1. To improve students' social, academic, and career development, the Chair:

Provided scholarships to outstanding student leaders; Provided underwriting support to qualified students in the College's Executive MBA Program; Funded students' participation in the 2022 Annual Conference of the National Association of Black Accountants; Promoted student participation in the Voluntary Income Tax Assistance (VITA) site on the TSU Campus. VITA, an IRS initiative that supports free tax preparation services for the less advantaged and underserved, provided a phenomenal training ground for accounting students to put into practice knowledge acquired in the classroom.

2. To support faculty development, the Frist Chair of Excellence:

Provided scholarships for faculty to train in emerging technologies to help them integrate technology and assessment strategies into the accounting curriculum. Employers continue to emphasize a need for accounting graduates with an expert-level ability to analyze and interpret large amounts of data using current and emerging technologies; Funded faculty attendance at academic conferences to promote high-quality innovative research.

3. The Chair also supported the proposal of a new degree program, the Master of Accounting and Accounting Analytics, through faculty training.

The proposed program is an innovative, technology-based master's degree that will enable students to acquire advanced accounting and analytics knowledge to meet educational requirements under the new CPA Exam starting on January 1, 2024.

Recommendations to Enhance the Effectiveness of the Program

The Program will be more effective once a permanent or interim Chairholder can be identified. Going forward, the Chair will promote an increased level of innovative research on a broad range of accounting topics that impact people, communities, and economies including research on digital transformation in accounting, tax, and auditing.

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* is designed to serve as a catalyst for enhancing the College's research as well as curriculum development in the area of banking and financial services. Since the establishment of the Chair of Excellence, in concert with the banking community of Nashville, the College has enjoyed the benefit of having distinguished professionals serve in the capacity of Chair holder. Previous chair holders include Dr. Jerry Crigger, a former banking executive, and Dr. LaVaughn Henry, Analyst in the Banking and Regulatory Policy Section at the FDIC. The Chair is presently vacant. In discussions with the College's Economics and Finance Advisory Board of industry leaders, the qualifications for eligible candidates were refined. Accordingly, a robust search was conducted during the 2021-2022 academic year and applications are still being accepted with the hope of finding an appropriate candidate who meets the criteria of the revised job description. The College anticipates being able to make a Chair selection during the 2022-2023 academic year. An interim Chair appointment is also being considered.

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

While the Chair of Banking and Financial Services was vacant during the 2021-2022 Academic Year, meaningful accomplishments were still realized as indicated below.

1. Funds were made available through the Chair of Excellence to support students wanting to take the Securities Industry Essentials (SIE) Exam.
2. Support from the Chair has provided scholarships for outstanding students with an interest in Banking and Financial Services.
3. Chair of Excellence funds aided faculty members to attend conferences to make presentations on financial issues.
4. Chair of Excellence funds made it possible for the Department of Economics and Finance to utilize the services of a finance professor to offer special courses in the College's graduate program.

Recommendations to Enhance the Effectiveness of the Program

The Program will be more effective once a permanent or interim Chairholder can be identified. A robust search will be held this academic year. Qualifications for potential candidates have been refined to include non-Ph.D. degree holders who have extensive executive level industry experience. The position has also been reclassified from a twelve-month position to a nine-month position with a year-to-year renewable contract. We believe these changes will greatly assist in recruiting the ideal candidate.

Tennessee Technological University 2021-22

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 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 2021-22, Dr. Timmerman completed the following activities:

Participated in panel discussion with Nestor Guimaraes and Robert Bell on Exploring the Many Dimensions of Leadership at the Society for the Advancement of Management Annual Conference; Chosen as President-Elect for the Upper Cumberland Chapter of the Society for Human Resource Management; Represented Tennessee Tech at the Tennessee Center for Performance Excellence Annual Excellence Conference.

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

Edwin Baidoo and Ramachandran Natarajan "Profit-based credit models with lender's attitude towards risk and loss," *Journal of Behavioral and Experimental Finance*, Volume 32, December 2021, 100578; Provided leadership for the college's successful reaffirmation of AACSB accreditation; Board Member: International Society for Data Science and Innovation (ISDSI); Member: International Advisory Board of the ISDSI Global-22 Conference to be held in Bangalore, India, December 27-29, 2022; Made a presentation (virtual) to the Young Entrepreneurs Society, Lexington, Kentucky on Quality Management for Start Ups, April 26, 2022; Supervised the Mayberry Graduate Assistant who completed several projects relating to the College's accreditation and strategic initiatives.

Recommendations to Enhance the Effectiveness of the Program

As we resume activities following the global pandemic, the Mayberry Chair of Excellence will support on-campus speakers, 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* 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. An integral part of this chair is to promote TTU'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 is the recipient of the prestigious 2019-20 Caplenor Research Award and has been rated by several independent sources as one of the most productive researchers in the world based on publications in Information Technologies' top journal. He is now working on several research projects, serving on the editorial board of many professional journals, and providing advice on research projects of other researchers throughout the world.

Publications (2021-22):

- Guimaraes, T., Walton, M., and Paranjape K., "Determinants of Customer Loyalty in a Cloud Computing Environment", *International Journal of Cloud Application and Computing*, Forthcoming, (2022).
- Guimaraes, T., Paranjape, K., and Walton, M., "An Expanded Model of Success Factors for NPD Performance", Chapter 11 in "Emerging Issues and Trends in Innovation and Technology Management", (2022).
- Guimaraes, T., and Paranjape K., "Assessing the Overall Impact of Data Analytics on Company Decision Making and Innovation", *International Journal of Business Analytics*, Vol. Issue 4, (2021), pp. 34-51.
- Guimaraes, T., and Timmerman, T., "Looking at the User Side of Software Engineering for Project Success", *SAM Advanced Management Journal*, Vol. 86 Issue 02, (2021), pp.15-31.

Presentations (2021-22):

- Bell, R., Timmerman, T., & Guimaraes, T., "Exploring the Many Dimensions of Leadership", and Guimaraes, T., Armstrong, C., & Baidoo, E., "Assessing Some Important Factors for BDA Project Success", SAMIBC, March 2022, Virtual/Cookeville TN.
- Guimaraes, T., "The importance of leadership for innovation at the project and organization levels", Leadership Summit University of South Florida, September 2021, Virtual/Tampa FL.

Recommendations to Enhance the Effectiveness of the Program

Because this Chair of Excellence's travel budget is practically zero while its primary objectives require making presentations of new knowledge at national and international meetings, I recommend some added funding for this purpose.

University of Memphis 2021-2022

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	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	Dr. J Gayle Beck
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	Vacant Search on hold pending selection of new dean for FCBE
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 Vacant

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	Dr. Adrian Duran (one-year appointment fall 2021-spring 2022)
19) Helen and Jabie Hardin Chair of Excellence in Economics/Managerial Journalism	June 1995	Mr. Otis Sanford
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 (Effective fall 2022)
22) Herbert Herff Chair of Excellence Biomedical Engineering (II)	March 1987	Dr. Gary Bowlin
23) Herbert Herff Chair of Excellence in Law	Sept 1984	Dr. Darnell Jackson (Visiting Professor Jan-May 2022)
24) William A. and Ruth F. Loewenberg Chair of Excellence in Nursing	June 1988	Dr. Leanne Lefler (Effective fall 2022)

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: 5

- Dr. Bar published one book: *Samuel, the Man of God*, Wipf & Stock (2022)
- Dr. Bar published four articles:
 - "Death by Stoning", OTE (2021): 789 – 805
 - "Saul and the Witch of Endor", Hebrew Studies (2021): 117 – 136
 - "Inquiring of the Dead", JBQ (2021): 171 – 179
 - "You shall not Eat with Blood", was accepted for publication JBQ 2022

Presentations: 4

- Dr. Bar gave 4 lectures for the community:
 - *The Binding of Isaac*; lecture at Jewish student Union
 - *The Binding of Isaac*; lecture at University of Memphis
 - *The Binding of Isaac*; lecture Rhodes College
 - *Who wrote the Torah*; lecture at Beth Sholom Synagogue

External Grants and Contracts: N/A

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

- Dr. Bar served on the search committee for Religious Studies, interviewing candidates in the successful search to fill a Religious Students Instructor position.

Recommendations to Enhance Effectiveness of the Program

Continue work in teaching, program leadership, and research. Continue to represent the university in the community. We expect that Dr. Bar will provide momentum towards the expansion of the field of religious studies at the University of Memphis.

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: 4

- Dr. Sutter has two manuscripts in print, one in press, and one meeting proceedings. His work was cited 424 times in 2021 (>11,000 total); his h-index is 56 (which means that 56 of his publications have been cited 56 or more times).

Presentations: 2

- Dr Sutter presented at a joint UM-UTHSC meeting on CORNET-funded Covid research.
- Dr. Sutter gave an invited presentation at the international aryl hydrocarbon receptor (AHR) symposium on emerging biology of this important protein.

External Grants and Contracts: 3

- Dr. Sutter has three active awards, totaling more than \$5 million (\$3M to UM multi-year), to support research related to AHR. Of this total funding, this year brought in a new grant on the topic of host-microbiome interaction via the AHR (\$2.77 M total/ 5 years, (\$1.26 to UM). With this funding Dr. Sutter supports several PhD scientists, graduate students and undergraduates performing transformative research and creating new avenues of academic inquiry across disciplines. His recent research provides new insights into how the host and microbiome communicate via AHR in order to maintain skin health.

Service Contributions (professional, university, and community):

- Dr. Sutter serves on three editorial boards, two international and one national. He is active in several scientific societies related to his scholarship in toxicology, cancer, and skin biology. He serves on several university committees at all levels of administration. Most of this service relates to the research mission of the university.

Recommendations to Enhance 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 on UoM, College and Programs

Summary of Publications: Five (5) publications: 1 book, 1 journal article and 3 electronic print articles

- Book: *The Art of Mathematics – Take Two – Tea time in Cambridge*
- Journal article: On the Erdős covering problem: the density of the uncovered set. *Inventiones Mathematicae*
- 3 electronic print articles:
 - Paul Balister; Bollobás, Béla; Rob Morris; Paul Smith. Subcritical Monotone Cellular Automata, 23 pp., arXiv:2203.01917
 - Paul Balister; Bollobás, Béla; Rob Morris; Paul Smith. Universality for monotone cellular automata, 65 pp., arXiv:2203.13806
 - Imre Leader; Bollobás, Béla; Marius Tiba. Large sumsets from small subsets, 43 pp., arXiv:2204.07559.

Presentations: 3

- These presentations were part of a two-month program at Instituto Nacional de Matemática Pura e Aplicada (IMPA), Rio de Janeiro, Brazil (January 7-March 9, 2022) for international undergraduates, graduate students, and junior researchers.

External Grants and Contracts: 1

- **1 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 Hiring Committee and assisted in recruiting exceptional candidates.
- Served as Editor-in- Chief for one journal and served on the editorial board for 9 academic journals.

Recommendations to Enhance Effectiveness of the Program

Continue publication, external funding identification, and speaking schedule thus providing the University of Memphis with international recognition.

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

Presentations: 6

- Dr. Kumar gave four talks at international conferences and meetings, including three in England, India, and Bangladesh. In his keynote speech at the IEEE Engineering in Medicine and Biology Society (IEEE EMBC) conference workshop, he laid out the current state of stress detection from wearable sensors and articulated the many research challenges that need to be addressed for widespread stress monitoring. In his talk at the US-India roundtable, he proposed a new collaboration opportunity between academia and industry in both countries.
- Dr. Kumar gave talks at two universities – one at University of California, Irvine and one at The Ohio State University.

External Grants and Contracts: 6

- Dr. Kumar's \$5.9 million national Biomedical Technology Resource Center (BTRC) involving seven institutions is one of two such centers (with the other at Stanford) for conducting research in mobile health awarded by National Institutes of Health (NIH).

Service Contributions (professional, university, and community):

- Dr. Kumar, director of MD2K Center of Excellence, mentored 6 doctoral students and supervised 7 staff.
- Dr. Kumar chaired the faculty search committee in the Department of Computer Science and the tenure & promotion taskforce to support Carnegie R1 culture in the University of Memphis Research Council (UMRC). His taskforce finalized its recommendations that passed the UMRC and was submitted to the Faculty Senate and the EVP of Research and Innovation for further consideration. He also served in the UMRC Strategic Planning Committee for the university.
- Dr. Kumar serves as an Associate Editor for Nature Digital Medicine and the ACM Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT) Journal; on the advisory boards of a \$40 million National Science Foundation (NSF) Engineering Research Center at NC State, an NIH Center for Technology and Behavioral Health at Dartmouth, and a Silicon Valley startup; on the Board of Scientific Counselors for National Heart, Lung, and Blood Institute (NHLBI) at NIH and as an expert consultant in the MIT Catalyst program.
- Dr. Kumar co-organized the annual mHealth Training Institute that trains young faculty from universities across the country in conducting multidisciplinary research involving innovative mobile and wearable sensor technology.
- Dr. Kumar was invited to the exclusive private meeting called MARS of about 200 scientists, high-level industry executives, and startup founders in the areas of AI, Robotics, Automation, and Space organized by Amazon's founder Jeff Bezos and its new CEO Andy Jesse.

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: 14

- Published one book, eight journal articles, five book chapters

Presentations: 22 (3 were keynote)

- Seven of the presentations were in person; the rest were virtual due to pandemic. All were international conferences drawing worldwide participation, including a public lecture at the University of Copenhagen while receiving an honorary doctorate.

External Grants and Contracts: 4

- Co-PI on 4 grants (1 National Science Foundation based at UM; 3 international grants – Europe, South Korea, and Australia); The Australian Research Council (ARC) grant in Australia was extended for an additional year. As part of that grant, Dr. Gallagher serves as Honorary Professorial Fellow at the University of Wollongong; the grant has funded academic meetings, including one at UM in 2019, and supported a research visit for a UM PhD student. The other three grants have just started in the past year.

Service Contributions (professional, university, and community):

- **Professional:** Dr. Gallagher continues to serve as editor-in-chief of the journal *Phenomenology and the Cognitive Sciences*, ranked in top 10 Philosophy journals by Google Metrics. He completed his tenure on the American Philosophical Association's Eastern Division Program Committee; served as external Tenure & Promotion evaluator at Exeter University, and external evaluator for the European Science Foundation (2022); serves on multiple editorial boards for journals and book series, and advisory boards of various academic organizations, including the *European Horizons Project (European Just Transition to Unravel influence factors, Reduce Bias and promote Social Cohesion)* at the University of Bologna (2022-); and the *Conceptual and Applied Approaches to Social Health* at the Norwegian University of Science and Technology, (2021-).
- **University:** Served as Chair, Promotion & Tenure (P&T) departmental committee (2021-22); member, College of Arts and Sciences P&T committee (Fall 2021); member, Chairs of Excellence Advisory Committee to the President. Successfully supervised three PhD dissertations: Christian Kronsted (Summer 2021, now at Merrimac College); Zacharia Neemeh (Spring 2022; now at Stanford online education); Reese Faust (co-chair, Spring 2022, now at Howard University).
- **Community:** Dr. Gallagher has been invited for a third time as a pro bono consultant and expert advisor for a legal defense group associated with *Trent Centre for Human Rights* concerning legal action involving a prisoner who has been in solitary confinement in the UK for the past 10 months.

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. It is currently held by Dr. J. Gayle Beck, Professor of Psychology.

Impact of Chair of Excellence on UoM, College and Programs

Summary of Publications: 11

- Dr. Beck has continued to publish actively in the trauma literature, including one book, three chapters, and seven articles in journals. Her work continues to have national impact on the trauma literature, as evidenced by her impact factor over time.

Presentations: 7

- Conference presentations were somewhat reduced during the reporting interval, owing to travel bans and student Zoom fatigue driving a reluctance to attend virtual conferences. Nevertheless, Dr. Beck and her team presented a number of posters at national-level conferences during the past year. She was invited to present at a national-level conference sponsored by the New York State Justice Initiative/ State University of New York at Albany.

External Grants and Contracts: 0

Service Contributions (professional, university, and community):

- Dr. Beck performed extensive service to the greater Memphis community, the University of Memphis, to national organizations, and to publishers. She has played important roles in these service activities, helping to further the mission of the groups that she serves. She is sought out for service roles, as she is typically willing to assist. Recently, she was nominated to serve on the Board of Scientific Affairs, American Psychological Association (decision pending).

Recommendations to Enhance Effectiveness

Dr. Beck is retiring in September 2022. 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

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 is the current chairholder.

Impact of Chair of Excellence on UoM, College and Programs

Summary of Publications: 8

- Dr. Oller's 7 peer-reviewed publications and one book publication in the reporting period are providing 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. He has produced >100 publications since his hiring in 2002. His work has been cited over 18,700 times (Google Scholar), and the year 2021 yielded a citation total > 1280. So far in 2022, the pace of citations is comparable to 2021.

Presentations: 5

- Dr. Oller's 5 peer-reviewed 2021 presentations were limited because several conferences were canceled for COVID. Presentations add to the publication impact.

External Grants and Contracts: 2

- Dr. Oller remains funded on a no-cost extension of an NIH-NIDCD grant (~3 million dollars total) that will end November 2022.
- Dr. Oller is also the subrecipient principal investigator on a 5-year 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. Oller has been funded at the University of Memphis continuously since 2004 under four major grants from the National Institutes of Health (NIH) (total >10 million dollars) and is working on a fifth proposal.

Service Contributions (professional, university, and community):

- Serves 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; serves as a consultant and collaborator on research regarding vocal development, evolution of language, and the detection of disorders of communication – works with 21 universities and research institutes in the US, Europe, and Asia.
- Member, Scientific Advisory Board of the LENA Foundation in Boulder, CO, and a permanent external faculty member of the Konrad Lorenz Institute for Evolution and Cognition Research, Klosterneuburg, Austria; member, editorial board of the journal *Biological Theory*.
- Primary faculty participant in the Institute for Intelligent Systems. Oller is a lifetime member of the American-Speech-Language-Hearing Association and received its highest award in 2013 (the Honors of the Association).

Recommendations to Enhance Effectiveness of the Program

Continue to maximize influence through junior faculty mentoring and continued PhD training. Continue accomplishing goals of Plough Foundation Grant and National Institute of Health (NIH) funded research. Enhance international reputation with high level publications and international presentations.

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: 5

- 3 publications, 2 chapters in edited volumes, 1 special report

Presentations: 3

- All presentations were based on the results of research on illegal migration from Guatemala USAID project. They were well received and the presentation of the project results to the USAID constituents likely had a real impact on US policy formation.

External Grants and Contracts (expenditures and new awards): 0

Service Contributions (professional, university, and community):

- Co-Director and co-chair, Data Science Research Cluster, FedEx Institute of Technology
- University of Memphis Board of Trustees, Chair, Academics, Research and Student Success
- Dr. Kemme continues to be one of the most active dissertation advisors in the department. He is chairing one committee in Economics and serving on several committees in Finance. He is also advising a post doctoral fellow.
- Dr. Kemme shoulders a range of service responsibilities. He was a member of over eight councils and committees across his academic department and college.

Recommendations to Enhance Effectiveness of the Program

Maintain national and international recognition in international economics and finance and thereby the national and international visibility of the university.

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. Benwari L. Kedia, Professor of Management, was the founding Chairholder and served for 30 years as Director of the Wang Center for International Business at the University of Memphis. Dr. Kedia retired from the University of Memphis in February 2019. This Chair of Excellence position is on hold pending the selection of a new dean for the Fogelman College of Business and Economics.

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: 3

- With the advent of connected and autonomous vehicle, in-vehicle communication is becoming exponentially more complex. Dr. Papadopoulos' publications explore new in-vehicle communication architectures that are simpler, more efficient, and most importantly more secure than existing architectures. His publications present one such architecture, Named Data Networking, adapted for in-vehicle use. This is an emerging area with huge potential impact, as vehicles are becoming distributed computer systems on wheels.

Presentations: 5

- VSS Meets NDN: Securing Vehicle Communications through Named Data Networking. COVESA security group Meeting, April 2022.
- Study on Peakflow Alerts. Presented to the network operators at Front Range GigaPop (FRGP) by Dr. Papadopoulos' student Priyanka Chilakalpudi. Jan 26, 2022
- A Name-Based Secure Communications Architecture for Vehicular Networks. 2021 Institute of Electrical and Electronics Engineers (IEEE) Vehicular Networking Conference (VNC), November 10-12, 2021.
- Workshop: Paving the Road to Future Automotive Research Datasets: Challenges and Opportunities. November 2021
- Study on Peakflow Alerts. Presented to the network operators at Front Range GigaPop (FRGP) by Dr. Papadopoulos' student Priyanka Chilakalpudi. Oct 25, 2021

External Grants and Contracts: 3

- Dr. Papadopoulos received three grants from the National Science Foundation in 2022 (one about to be announced) totaling **\$2.71M**, with **\$1.571M** coming to Memphis.

Recommendations to Enhance Effectiveness of the Program

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

University of Memphis

Sales and Marketing Executives Inc. Chair of Excellence in Sales

Status of the Chair of Excellence

Established in 1986, the *Sales and Marketing Executives, Inc. Chair of Excellence in Sales* was previously Rajiv Grover, Professor of Marketing and Supply Chain Management. Professor Grover's term as the chairholder ended at the end of the 2021-2022 academic year.

Impact of Chair of Excellence on UoM, College and Programs

Summary of Publications: 0

Presentations: 0

External Grants and Contracts (expenditures and new awards): 0

Service Contributions (professional, university, and community):

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: 1

- Kim, M., Lin, S., Yang, L. (2021), "Would improved information environment of a less regulated OTC market benefit blue-chip foreign firms? Evidence from the OTCQX International Market", *Journal of International Accounting Research*, 20(1) 103-131
- 2 papers currently under review by two top-tier accounting journals including *Review of Accounting Studies* (under the 2nd round review, rated as the A+ journal in the Crews School of Accounting journal list) and *Journal of Accounting and Public Policy* (under the 3rd round review, rated as the A journal in the Crews School of Accounting journal list).

Presentations: 2

- Market reaction to the Holding Foreign Companies Accountable Act (coauthored with Zhenfeng Liu, Ran Ling, and Ling Tuo)
- International Accounting Fraud: case of Luckin Coffee (coauthored with Zhenfeng Liu, Ran Ling, and Ling Tuo).

External Grants and Contracts (expenditures and new awards): 0

Service Contributions (professional, university, and community):

- Dr. Lin served as editor of 2 academic journals
- Dr. Lin organized 9 workshops for the School of Accountancy
- Dr. Lin successfully recruited three doctoral students including one minority student for the 2021 cohort of the PhD in Business Administration with a concentration in accounting
- Other Service Included:
- Tenure and Promotion Committee
- Chair of the Nominations Committee of the International Accounting Section of American Accounting Association
- Chair of Outstanding Research Contribution Award Committee

Recommendations to Enhance Effectiveness of the Program

Maintain instructional and scholarly contributions to the university.

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: 12

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

Presentations: 5

- Dr. Rezaee's presentations cover a wide range of accounting and business topics from business sustainability to auditing, forensic accounting, corporate governance, ethics, financial and managerial accounting. His presentations are made to professional accounting organizations, conferences, and regulatory bodies worldwide.

External Grants and Contracts (expenditures and new awards): 0

- Currently working on a research grant proposal on Business Sustainability

Service Contributions (professional, university, and community):

- Serve as the chair of the Faculty Senate Budget and Finance Committee;
- Serve on the faculty and director recruiting committees of the Crews School of Accountancy, 2021-2022
- Reappointed to the Honorary Advisory Panel of the Financial Reporting Council in Hong Kong (December 2020-September 2024); Reappointed as the senior editor of the Journal of Forensic Accounting Research (JFAR) one of the publications of the American Accounting Association (AAA) for the second term (2021-2024).

Recommendations to Enhance Effectiveness of the Program

Continue active research agenda aimed toward leading journals, maintain high visibility in the accounting profession and business community including editorial ship, writing professional and textbooks, and serving as expert witness in high-profile legal cases.

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: 5

- Five publications are in top recognized peer reviewed journals.
 - Three of these publications are on the subject of blight. In these papers Dr. Sunderman brings exposure to the University of Memphis since he is working with international co-authors, using international subject locations, and publishing in internationally recognized journals.
 - Two of these publications are with former Ph.D. students

Presentations: 6

- These presentations have been made at both top academic and select professional organizations which brings recognition to the University of Memphis. Several of these presentations have been on research with current or past Ph.D. students.

External Grants and Contracts: 3

- \$10,000 *Methodist Le Bonheur Center for Healthcare Economics Summer Healthcare Research Grant* for a project dealing with "Health Care Disparities for Uninsured Patients versus Insured Patients."
- \$20,000 research grant from the *Land Economics Foundation* for a project investigating how property taxes impact development in Memphis. This research will have major benefits for the local real estate industry, as well as opportunities for quality publications.
- Obtained scholarship funds from the Memphis Chapter of *Lambda Alpha International* (\$6000 annual support for 3 real estate students). These scholarships include not only financial assistance, but they have been our guests at the chapter meetings of *Lambda Alpha International* resulting in excellent networking opportunities with leading real estate experts.

Service Contributions (professional, university, and community):

- Serves as senior faculty member at College and Department.
- Board member on the *Orange Mound Neighborhood Development Corporation, Inc*
- Board member of the local chapter of *Lambda Alpha International* and the multiple other local / national professional organizations.

Recommendations to Enhance Effectiveness of the Program

Maintain instructional contributions to the department and Fogelman College of Business and Economics, continue work with the PhD students within the department, continue professional service and outreach to the academic and professional community, and work to increase professional visibility in real estate publications to reflect Chairholder expertise.

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. The chairholder was Dr. Thomas McInish, Professor of Finance until his death in July 2022.

Impact of Chair of Excellence on UoM, College and Programs

Summary of Publications: 6

- Dr. McInish published 6 journal articles

Presentations: 1

- Dr. McInish gave 1 university presentation

External Grants and Contracts (expenditures and new awards): 0

- Dr. McInish supported departmental efforts to create cross-disciplinary FISC center which helped faculty from many departments apply for grants

Service Contributions (professional, university, and community):

- Dr. McInish has been recognized for being highly dedicated to advising and mentoring graduate students even before their admissions and helping them publish in top tier journals well beyond their graduation to ensure their best possible career progression.
- Dr. McInish took on several service responsibilities that contributed heavily to the research environment in the college.

Recommendations to Enhance Effectiveness of the Program

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

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: 8

- Six publications were in peer reviewed journal articles. Of those six, five were published in journals ranked at the A+ or A level on the Fogelman College Journal list, one of which was in a journal on the *Financial Times* 50 journal list.
- One book chapter
- One edited volume that was co-authored.
- Dr. Vardaman's book, *Global talent retention: Understanding employee turnover around the world*, is being adopted for courses in MBA programs and used by practitioners to help retain expatriate employees.

Presentations: 4

- Dr. Vardaman presented four papers at two of the most prestigious professional associations in the field of management, the Academy of Management, and the Southern Management Association. One of the presented papers was chosen for the best paper proceedings of the Academy of Management, an honor reserved for the top 5% of all accepted papers. Another of the papers was a collaboration with Fogelman College Graduate students and was awarded Best Paper by the Midwest Academy of Management.

External Grants and Contracts: 0

Service Contributions (professional, university, and community): 15

- 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 Ph.D. program coordinator in the Fogelman College.
- Worked for the past year to design a bridge program curriculum for rising Freshmen at the upcoming campus high school.
- Serves on the committee that judges seed grant proposals in the Crews Center for Entrepreneurship.

Recommendations to Enhance Effectiveness of the Program

Continue research and service efforts, thus providing local, national, and international recognition of 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: 20

- Dr. Liang has published 16 journal papers and 4 conference papers covering a variety of disciplines including Information Systems, Marketing, Human Resources, Information Science, and Healthcare. All of them are Science Citation Index (SCI) and Social Sciences Citation Index (SSCI) highly-reputable journals, including three papers in the top journal in Information Systems (2 in *Information Systems Research* and 1 in *Journal of the Association for Information Systems*). One of his papers was selected as finalist for the 2021 best paper award for the *Journal of the Association for Information Systems*.

Presentations: 5

- Dr. Liang was invited by five research universities (including one university in the US and four international universities) to present his current research on cybersecurity and healthcare IT management. These presentations increase the visibility and reputation of University of Memphis in the national and international scope.
 - How Mergers and Acquisitions Increase Data Breaches: The Moderating Role of Diversity. Xi'an Jiaotong University, China. Apr. 1, 2022.
 - How Mergers and Acquisitions Increase Data Breaches: The Moderating Role of Diversity. Temple University. Mar. 25, 2022.
 - Saving face or saving life? Physicians' dilemma in using clinical decision support systems. Southern University of Science and Technology, China. Oct. 21, 2021.
 - Saving face or saving life? Physicians' dilemma in using clinical decision support systems. Pusan National University, South Korea. Oct. 22, 2021.
 - Saving face or saving life? Physicians' dilemma in using clinical decision support systems. Xidian University, China. Nov. 3, 2021.

External Grants and Contracts: 3

- Dr. Liang received three external research grants from three prestigious agencies: FedEx, NIH, and Sloan Foundation totaling over \$935,000. These agencies cover private corporation, federal agency, and non-profitable organization, which demonstrate the appeal of his research to the broad communities. 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 (*ISR*, *J AIS*, and *Information & Management*).
- Performed additional external duties such as journal reviewer, conference program chair, conference associate editor, grant reviewer, T&P reviewer, and dissertation reviewer.

Recommendations to Enhance Effectiveness of the Program

Continue excellence in teaching, research, and service.

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. Adrian Duran, Professor of Art, was the chairholder for Fall 2021-Spring 2022.

Impact of Chair of Excellence on UoM, College and Programs

Summary of Publications: 2

- "Afro Basaldella's Jardin de l'espérance." In UNESCO Art Collection: Selected Works. Paris: UNESCO 2021.
- "Art History and Human Suffering: Past, Pedagogies, and Possibilities." In Mark Celinsack and Curtis Hutt eds., *Artistic Representations of Suffering: Rights, Resistance, and Remembrance*. Rowman & Littlefield Publishers: 2021.

Presentations: 3

- Chair, Steering Committee, ArteLatinx 2022, University of Nebraska at Omaha.
- Lecture: "Images and Indexes of Labor in Midcentury Italian Modernism." Magazzino Italian Art, Cold Springs, NY. April 2022.
- Lecture: "Musings and Maybes from Art History's New Normal" Memphis Brooks Museum of Art, Memphis, TN Feb 2022

External Grants and Contracts: 0

Service Contributions (professional, university, and community):

- Duran's Latin American, Latinx, Chicanx art historical expertise has been absent and long overdue scholarship to our department

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

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. Otis Sanford, Professor of Journalism and Strategic Media, is the current chairholder and has more than 30 years of management experience at three major daily newspapers, including managing editor and director of the editorial board of *The Commercial Appeal*.

Impact of Chair of Excellence on UoM, College and Programs

Summary of Publications: 247

- In addition to his role as the Hardin Chair of Excellence in Economics/Managerial Journalism, Professor Sanford also serves as a weekly political columnist for The Daily Memphian online news and the political analyst for WATN-TV 24 News. He has written approximately 47 columns during the reporting period for The Daily Memphian, mostly on political, social, and criminal justice issues.
- Professor Sanford has also written and recorded more than 200 television commentaries during the reporting period. He routinely receives tremendous positive feedback from his audiences on the content of his work and willingness to tackle tough, but relevant issues in our community. Most of the articles written touch on issues of diversity, equity, and inclusion, which are a vital part of the subjects that Professor Sanford teaches at the university.

Presentations: 7

- During the reporting period, Professor Sanford had several outside presentations at community organizations. They included the Midtown Memphis Rotary Club, the East Memphis Rotary Club and Germantown United Methodist Church, where he discussed his most recent book, *In A Colorful Place*, co-authored with fellow columnist Dan Conaway.
- In addition, on two occasions, he served as a panelist to discuss the political and racial history of Memphis, including the impact of the city sanitation strike of 1968 that led to the assassination of Dr. Martin Luther King Jr.

External Grants and Contracts: 0

Service Contributions (professional, university, and community):

- During the reporting period, Professor Sanford served as president of the Memphis Rotary Club, the largest Rotary Club in the metropolitan Memphis area. He co-chaired the committee responsible for establishing the Larry Finch statue and plaza on the south campus. The statue was unveiled in October 2021 during a public event in which Professor Sanford was the master of ceremony. He also served on the board of HER Faith Ministries, a local non-profit that serves homeless and needy women and children in Greater Memphis.

Recommendations to Enhance Effectiveness of the Program

Continue record of local, regional, and national advocacy of the First Amendment, public service, and journalism excellence, while remaining a mentor for students in the Department of Journalism and Strategic Media. Continue to participate in endeavors that place the university at the forefront of investigative and public service journalism in Memphis and the Mid-South.

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: 5 (3 published, 2 under review)

- These publications are critically important in the following ways: (1) they connect education research to the lived experiences of urban citizens, (2) they include human realities in understanding the nature of problems and promising best practices to improve human lives, (3) they connect university research with communities, and (4) they connect Memphis to national funding and research that informs both contexts in important ways. The publications were shared in both local and national convenings. They further exemplify the University's priorities around research and innovation, diversity and inclusion, and student success, access, and affordability.

Presentations: 7

- These presentations were made to diverse audiences in multiple geographies. As a result, their impacts range from influencing understanding in research and scholarly communities to impacting local communities. These presentations are anchored in similar work around support for various groups in a way that bridges research, culture, and human realities. They not only report research that informs scholarship in the traditional sense but also local impact. The presentations were made to local, state, and national audiences and demonstrate the University's commitment to research benefitting local and national communities.

External Grants and Contracts: 3

- Dr. Cross served as PI on three major grants this period. These three grants (one from the Federal Housing and Urban Development (HUD) Office, one from the Tennessee Board of Regents (TBR) and one from a private foundation) were distinct in their foci but connected in their emphasis on producing research that contributes to the traditional goals of research but also provides knowledge to inform practices in different contexts that can impact the quality of education provided in universities and in communities. These projects were also powerfully collaborative in that they engaged local officials, nonprofit organizations, and communities. In addition, the projects contribute to state and national understanding of best practices in engaged scholarship and the University's commitment to making a difference as an urban public research institution.

Service Contributions (professional, university, and community):

- Dr. Cross's service contributions include the College of Education, the University, the local community and nationally. The integration of teaching, research and service enables her service to demonstrate her commitment to the University and its priority to contributing to a diverse, innovative community. Because her service on campus and in the community is all based in diversity and inclusion, her representation in these various contexts is always grounded in this expertise.

Recommendations to Enhance Effectiveness of the Program

Continue active scholarship and regional/national impact.

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 and was unfilled during the 2021-2022 academic year. Dr. Joel Bumgardner will be the chairholder effective fall 2022.

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: 6

- Dr. Bowlin was the senior author on four peer-reviewed journal articles in high impact journals and two book chapters.

Presentations: 8

- Due to COVID concerns, Dr. Bowlin was a co-author on only eight abstracts presented at the Biomedical Engineering Society and the Congress and the International Conference on Advanced Fibers and Polymer Materials

External Grants and Contracts: 2

- Principal investigator "Downregulation of neutrophil extracellular traps by fibrous regeneration template design." \$426,305 grant.
- Co-principal investigator: "Models of Lung Microenvironment to Explore COVID-19 Pathogenesis and Drug Development." \$25,000 grant.

Service Contributions (professional, university, and community):

- President for the International Society for Biomedical Polymers and Polymeric Biomaterials
- Treasurer and member of the Executive Committee for the International Society of Applied Cardiovascular Biology
- Serves on the national student affairs committee for the Biomedical Engineering Society
- Maintains active memberships in multiple professional organizations
- Serves on seven journal editorial boards
- Provides critical reviews for the NIH, Department of Defense, and many journals

Recommendations to Enhance Effectiveness of the Program

Dr. Bowlin will continue to strive to achieve excellence in scholarship that will have both national and international impact due to the laboratory's biomedical discoveries, leading to saving lives, improved quality of life, and economic development.

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 filled with visiting professor each year from January through May. Darrell Jackson served as the chairholder for 2022.

Impact of Chair of Excellence on UoM, College and Programs

Summary of Publications: 1

- Law review article published in the Southwestern Law Review (Year 2022, Volume 51, Issue 2).

Presentations: 1.5

- Professor Jackson presented to the University of Memphis law school faculty while serving as the Herbert Herff Chair of Excellence in Law.
- Organized the symposium entitled Critical Race Theory (CRT)-Truth, Lies, and the Law. This symposium explored various interdisciplinary analyses of CRT, bringing each back to its connection to the law.

External Grants and Contracts (expenditures and new awards): 0

Service Contributions (professional, university, and community):

- The Critical Race Theory (CRT)-Truth, Lies, and the Law symposium was received widely across the entire nation. It was detailed in the Memphis Law Magazine - Summer 2022, as an “overwhelmingly successful symposium”. However, the greatest intensity and the follow-up session were focused on the local Memphis community. Given the strong connection between Memphis and civil rights history, there is a natural synergy between CRT, Memphis, and the University of Memphis, as we look toward the future and continuing the legacy of our past.

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 and was unfilled during the 2021-2022 academic year. Dr. Leanne Lefler will be the chairholder effective fall 2022.

University of Tennessee Chattanooga 2021-2022

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	Dr. David B. Sachsman
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

- PI on an National Institutes of Health (NIH) grant for infectious disease modeling, \$340,000
- PI on an NIH grant for COVID vaccination modeling, \$122,580
- PI on a math biology grant from the National Science Foundation (NSF), \$200,000
- Co-PI on a math Research Experiences for Undergraduates (REU) grant from NSF, \$282,659
- Co-PI on a computational math grant from NSF, \$125,000

Publications (2021-22): 8

Presentations (2021-22): 4

Graduate Students Supported (2021-22): 3

- Mohammad Murshed, Maame Korsah, Daniel Acosta Soba

Faculty Mentoring or Other Active Collaborations:

- Supervised 3 PhD students in Computational and Applied Mathematics.
- Mentored 5 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 Dayton, and several international institutions.

Other Evidence of Impact on the Institution:

- Served on 4 department and college committees during 2021–2022.
- Served on 3 PhD dissertation committees and 6 PhD qualifying exam committees.
- Served as a peer reviewer for 8 research journals during 2021-2022.
- Served as a grant reviewer/panelist for several funding agencies, including NIH and NSF.
- Continued supporting the growth of the concentration in Computational and Applied Mathematics within the Computational Science Ph. D. program at UTC.

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.
- Help to organize the American Mathematical Society Fall Southeastern Sectional Meeting that will take place at UTC in October 2022.

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 article published (2022) in *Logia: A Journal of Lutheran Theology*.
- Two articles and one co-edited volume (E.J. Brill) forthcoming.
- Several book reviews published (2021).
- Presentations at: International Medieval Congress, Western Michigan University, 2022; Symposium at the George Peabody Library, Johns Hopkins University, 2022; Conference on "Early Modern Rome 4," University of California, Rome, 2021; and Conference on "Lutheranism and the Classics VI: Beauty," Concordia Theological Seminary, 2021.

Teaching and Advising:

- Taught courses in Classics.
- Supervised Senior Capstone Seminars.
- Directed Honors Thesis.
- Mentored undergraduate 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 David C. Downing, Annual C.S. Lewis Lecture, "The Most Reluctant Convert").
- Sponsored campus visit and lecture by Jackie Murray, "Contra Nationis Natum: When Black Writers Embrace the Classical Past".
- 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*.

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 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, CCRP, Board-Certified Clinical Specialist in Orthopedic Physical Therapy Emeritus, Fellow of the American Physical Therapy Association (FAPTA), a professor in the Physical Therapy Department, and adjunct professor at the University of Tennessee College of Veterinary Medicine has been the Chairholder since 2006. He is a leading authority on physical rehabilitation and has published extensively in this field with over 110 publications and five textbooks as primary author and editor. He is a Fellow of the American Physical Therapy Association (APTA), and a Fellow of the International Association of Veterinary Rehabilitation and Physical Therapy.

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 (2020-21): 12 (Eight publications in refereed journals, four book chapters).

Presentations (2020-21): 9 scholarly presentations given at four professional national and international meetings

Graduate Students Mentored (2020-21): Thirteen doctoral students, one medical resident, one Ph.D. 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 the Honors College Advisory Board and Chair of the RTR Committee for two departments.
- President of the American Physical Therapy Association (APTA) Special Interest Group in Biophysical Agents
- Member of the International Consortium on Ehlers-Danlos Syndromes

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

- Publish the 6th edition of Whittles Gait Analysis (Elsevier publishing) and 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, and Johns Hopkins

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

Impact on the Institution/Community:

- Initiated an agreement between UTC and local automotive manufacture to provide technical and training assistance to help alleviate workforce retention issues
- Through aggressive activities, the programs offered in the department have increased enrollment for 6th year in a row.
- Lead a successful accreditation visit for the Mechatronics BAS program. Once published, the accreditation will affect gradating cohorts of 2020 and 2021 AY.

Research and Publications:

- *A Neuromechanical Control Model For Rhythmic and Discrete Movements Based on Central Pattern Generator (CPG)*, manuscript in preparation
- *EEG-Based BCI Control for Upper and Lower Limb Exoskeletons and Prostheses (Review Paper)* , manuscript in preparation
- Publication: *Using Deep Learning Methods for Image-Based Diagnosis and Prediction of Diseases*, manuscript in preparation
- Grant Proposal: *Engineering Management and Technology (EMT) Scholarship Program*
- *Addressing the Racial Disparities in EM Education at UTC*, Hearst Foundation
- *Data-Driven Predictive Control of a Pneumatic Ankle Foot Orthosis*, Advances in Electrical and Computer Engineering Volume 21, Number 1, 2021
- *Hand Gesture based Motion controlled Collaborative Robot in Assembly line*, International Conference on Engineering and Emerging Technologies (ICEET), 2021, pp. 1-4, doi: 10.1109/ICEET53442.2021.9659795
- *The Real-Time Control of An Active Balance Board with An EMG Monitoring System For Rehabilitation*. ReSEARCH Dialogues Conference proceedings. <https://scholar.utc.edu/research-dialogues/2021/presentations/2>.
- Establishment of two new research laboratories, Bio-Assistive Controlled Prosthetics and Eye Tracking Studies for e-Commerce.

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 (2021-22)

- 2 Refereed Articles; 3 more in press
- 1 book in press, Albertus Magnus and the World of Nature
- Review Articles in *The Thomist*, *the Journal of Jewish Studies*, and *Antisemitism Studies*

Presentations (2020-21)

- Invited Presenter, International Mediaeval Congress, Leeds, UK, "Jews, Christians, and the Melancholy Body in the Middle Ages," (9 July, 2021), via Zoom
- Invited Presenter, Roundtable, American Historical Association (21 February, 2022): "Antisemitism: Always there?"
- Invited Presenter, American Historical Association (21 February, 2022): "Medieval automata and late medieval Judeophobia."
- 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 of the International Albertus Magnus Society, and 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; chair, lecturer search committee, Philosophy and Religion
- Author of \$300,00 grant proposal, National Endowment of the Humanities

Recommendations to Enhance the Effectiveness of the Program

Goals (2020-2021):

- Publication of *Albertus Magnus and the World of Nature*, Reaktion Press, UK. Co-authored with Professor (emeritus) Kenneth F. Kitchell Jr.
- Translate and annotate Thomas of Cantimpre's *De natura rerum*, under contract with the Catholic University of America Press

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 (2021-22): 9

Presentations (2021-22): 6

Other Evidence of Impact on the Institution:

- Continued as Co-Editor of the *Entrepreneurship Research Journal*.
- Continued research on definition, measurement, and development of entrepreneurship skills with colleagues from the University of Kentucky, Opeeka LLC, and elsewhere.
- Collaborated with the Chattanooga Entrepreneurial Ecosystem and Chattanooga Smart Communities Collaborative. Served on board of directors of CO. LAB.
- Taught ETR 3600 Social Entrepreneurship and ETR 1010 Entrepreneurship: The Mindset and Skillset for Dept. of Marketing & Entrepreneurship.
- Provided leadership for the UTC Entrepreneurship Hall of Fame (2022) process.
- Continued to play key role in building an innovation commercialization program at UTC.
- Served on Faculty Senate Gen. Ed. Committee, Reimagining Gen. Ed. Committee and Search Committee for Director of Innovation in Honors position.

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 contact for publication in early 2025.
- Complete Lin, J., Qin, J.T., Lyons, T.S., Nakajima, H., Kawakatsu, S., & Sekiguchi, T. Planning and evaluating youth entrepreneurship education programs in schools: A systematic literature review. Under review at *Evaluation & Program Planning*.
- Complete Lyons, T.S., Zachary, R. (Guest Editors). Gender and entrepreneurship. Special Issue, *Entrepreneurship Research Journal*. Forthcoming in Vol. 12, Issue 3. To be published in July 2022.

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) has served as the Chairholder of the *George R. West, Jr. Chair of Excellence in Communication and Public Affairs* since 1991. He is the founding Director and organizer of the Symposium on the 19th Century Press, the Civil War, and Free Expression, hosting its 29th annual meeting last fall.

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

Selected Publications (2021-22):

- Freedman, E. B., Hiles, S. S. & Sachsman, D. B. *Communicating Endangered Species: Extinction, News and Public Policy*. London and New York: Routledge, 2021.
- Freedman, E. B., Sachsman, D. B. & Hiles, S. S. Exploring the Terrain: Connecting communication, public policy, and the brink of extinction. In *Communicating Endangered Species: Extinction, News and Public Policy*. London and New York: Routledge, 2021.
- Freedman, E. B., Sachsman, D. B. & Hiles, S. S. Preserving endangered species: Communicating, reporting, and framing the extinction crisis. In *Communicating Endangered Species: Extinction, News and Public Policy*. London and New York: Routledge, 2021.

Other Evidence of Impact on the Institution:

- Hosted 29th Symposium on the 19th Century Press, the Civil War, and Free Expression, Nov. 11-13, 2021 via Zoom, featured 40+ presenters speaking to a national audience.
- Managing editor of the quarterly, peer-reviewed *Applied Environmental Education and Communication: An International Journal*, which is published by Taylor & Francis.

Recommendations to Enhance the Effectiveness of the Program

- Plan the 30th annual Symposium on the 19th Century Press, the Civil War, and Free Expression, which will be held in November 2022 via Zoom (and in-person if possible).
- Work on a new book project on *The Civil War Soldier and the Press*.
- "The 19th Century American Press" chapter for *The Cambridge History of American Popular Culture*.

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.

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

Publications (2021-2022): 1 book, 2 scholarly chapters, 1 journal article.

- On June 26, 2022, *ResearchGate* announced that Dr. Mendenhall's research publications were reported as "the most read" compared to all other faculty at UTC.
- Editorial Work: *Advances in Global Leadership*, Associate Editor; *Journal of Global Mobility*, Editorial Advisory Board.

Other evidence of impact:

- Selected as a member of "The Gold Club: 30 Influential Business Leaders" in Chattanooga. *CityScope*, 2022.
- Emerald Awards Literati: Outstanding Author Award for "The Role of Global Leadership During the COVID-19 Crisis" in *Advances in Global Leadership*. (Awarded in December 2021).
- Provided weekly leadership and intercultural managerial skill coaching sessions over the course of semester-long and summer term-long time periods to 89 undergraduate students, 42 MBA students, and 19 Executives in the Executive Education Program.
- Continued in the lead faculty role for the development of a proposal for a Master's in Management graduate program in the Rollins College of Business.

Recommendations to Enhance the Effectiveness of the Program

- Now that the pandemic has seemingly waned, explore hosting either an international global leadership conference or the annual International Organizations Network (ION) Conference in Chattanooga.
- Assist the Associate Dean for Academic Programs and Student Success to finalize and submit the Rollins College of Business Master's in Management program to THEC.
- Continue to refine the curriculum of the Executive Education Program for the Rollins College of Business with the Associate Dean of Graduate Programs by meeting with the program's Business Advisory Group that is made up of executives from regionally based corporations.
- Continue outreach activities with both the local and global business communities via speaking, seminar, and consulting engagements.

University of Tennessee Chattanooga

Lyndhurst Foundation Chair of Excellence in Arts Education

Status of the Chair of Excellence

The *Lyndhurst Foundation Chair of Excellence in Arts Education* was created in 1996. Laurie Melnik Allen (M. F. A., University of Central Florida, 2008) was named the Lyndhurst Chair of Excellence in Arts Education on July 1, 2020.

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

Active Grants and Other Sources of Funding (2021-2022)

- Secured \$82,000 for phase 2 of a Lyndhurst Foundation grant for expanding UTC-Wolf Trap into rural schools due to successful efforts during phase 1.
- Developed a top-ranked Arts 360 proposal for \$55,000 submitted to the Tennessee Arts Commission for creating an arts integration model in Hamilton County Schools.
- Received \$7500 from the Tivoli Foundation to co-develop a Broadway Camp plan for middle school students in collaboration with the UTC Division of Theatre.
- Raised \$1,175 during the 2nd annual Mocs Give Day event.

Publications (2021-22):

- Developed a new simulated patient actor template as part of the UTC School of Nursing's Clinical-Academic Network for Developing Leaders (CANDL) program.
- Collaborated on revisions for 12 character backstories for patient simulation scenarios for the CANDL program that will become a part of an open educational resource.

Presentations (2020-21):

- Co-presented a virtual session for ArtsBuild's inaugural Equity in the Arts Conference.
- Co-presented a pre-recorded and in-person session for the 2021 National Forum to Advance Rural Education.
- Co-presented a virtual session for the 2021 National Council of Teachers of English Annual Convention

Evidence of Institution and Community Impact (2020-2021):

- Oversaw Arts-Based Collaborative (ABC at UTC) activities, including the UTC-Wolf Trap Teaching Artist Roster and increasing access to arts integration in early learning settings in rural communities.
- Received National Association of Schools of Theatre (NAST) approval for B.A. in Theatre Engineering, Arts, and Math).

Recommendations to Enhance the Effectiveness of the Program

- Continue collaborating with STEM programs at UTC on programs for increasing interest in STEAM-with a Theatre Education Concentration.
- Expanded my Executive Director responsibilities to include the Challenger STEM Learning Center at UTC and cultivate a mission and vision focused on STEAM (Science, Technology, Engineering, Arts, Math, and related fields).
- Develop experiential learning opportunities for the new Theatre Education Concentration 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 8 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 2021-2022

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	Vacant since 2021
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 st chair)	Sept 1986	Dr. James W. Wheless
12) Le Bonheur Chair of Excellence in Pediatrics (2 nd 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. Jaggard

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
17) Thomas A. Gerwin Chair of Excellence in Physiology	Apr 1987	Dr. Zhongjie Sun
18) William and Dorothy Dunavant Chair of Excellence in Pediatrics	April 1987	Dr. Jonathan McCullers
19) University of Tennessee Medical Group Chair of Excellence in Obstetrics and Gynecology	Sept 1986	Dr. John O. Schorge

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 possible 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 2022-2023.

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:

- NCI R01 - PI.
- DOD BCRP - PI.
- NINDS R43/R44 – Co-I (subaward).
- Oncternal SRA – PI.

Publications (2021-2022): 3

Patents (2021-2022): 7

Presentations (2021-2022):

Kennedy's disease association

National Cancer Institute (NCI) at American Association for Cancer Research (AACR) conference 2021
AACR 2022

Graduate Students Mentored (2021-2022):

- Sarah Asemota is a M.D., Ph.D. student. Sarah is working on identifying novel therapeutic targets for breast cancer.
- Wendy Effah is a Ph.D. student. Wendy is in her 2nd year of Ph.D. 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:

- Review colleagues' grants and manuscripts and provide feedback.

Other Evidence of Impact on the Institution:

- Deputy Director of UTHSC Center for Cancer Research.
- Chair of MRC advisory committee.
- ACUC committee 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% 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

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

Publications (2021-22): 14

Presentations (2021-22): 6

Graduate Students Mentored (2020-21): 2

Faculty Mentoring or Other Active Collaborations:

- Mentoring James Atherton, MD. He has received his Master's degree in biomedical engineering as a fellow and was awarded his Doctorate degree this year from the University of Memphis.
- Mentoring Mahdian Shabanian – She successfully defended her Master's degree in Biomedical Engineering this year.

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).
- I will submit a DoD 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.
- I will bring in at least one or two speakers to enhance the educational and research elements of the program.

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. He holds a joint appointment in the Department of Microbiology, Immunology, and Biochemistry. 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

- PI - Candidalysin, a key mediator of *Candida* vaginitis immunopathology. National Institute of Allergy and Infectious Disease (NIAID). R01 – AI134796 (\$380,000).
- PI – Targeted and forward genetic approaches to decipher the pathogenesis of symptomatic vulvovaginal candidiasis. NIAID. R21 - AI141829 (\$228,000).
- PI – Lipid emulsion composition as a determinant of fungal biofilm formation and incidence of candidemia. NIAID. R21 – AI153768 (\$162,000).
- Col – The role of the gut mycobiota in regulating host lipid absorption and obesity. NIDDK. R21 - DK129890 (\$18,000).

Publications (2021-22): 4

Presentations (2021-22): 1

Graduate Students Mentored (2021-22): 2; Jian Miao, Amanda Vogel.

Faculty Mentoring or Other Active Collaborations:

- Served as co-mentor for Gustavo Alvira-Arill, PharmD, a Pediatric Infectious Diseases Pharmacy Fellow in DCPTS. Dr. Alvira-Arill has received competitive grant funding from the ACCP Foundation Futures and Pediatric Pharmacy Small Research Grants for his work related to staphylococcal and candidal biofilm formation in clinical lipids, as well as translational work addressing clinical incidence rates of central line infection during lipid therapy.
- 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:

- Selected as member of the editorial board for *Infection and Immunity*, *Biofilm*, and *Frontiers C&IM*.
- Served on 3 National Institutes of Health (NIH) study sections in the past 12 months.
- Invested in equipment to benefit researchers in DCPTS and the COP, including Nanopore sequencing technologies, an omics analyses workstation, and histology slide scanner.

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.

UT 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* is vacant as of 2021, due to the passing of Dr. Arnold E. Postlethwaite. At the present time, the Department is ready to begin a search for a possible candidate to hold the Goodman Chair of Excellence in Medicine. It is anticipated an active search will begin in late 2022 or early 2023 with a candidate likely identified in late 2023.

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. The College of Medicine Dean's Office plans to open a search to recruit the next MIB Chair in late 2022. The new Chair will be given multiple faculty positions to fill and it is expected that the new Chair will run a search for 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 a very active research program supported by 6 grants from the National Institutes of Health (NIH) *via* 3 different institutes. Endowments have allowed Dopico to purchase: a) a digital amplifier to continue his work on drug modulation of brain ion channels; b) maintenance and guarantee on a setup that allows visualization of brain circulation in anesthetized rodents; c) a rotor for lipid isolation; d) supplies for a new system that measures neuron activity and brain perfusion in freely moving rodents. Data obtained with the latter led to a proposal that reached 3 percentile during NIH evaluation (see 1st entry in next section). Dopico laboratory has won for 3rd year in a row the "*Most Outstanding Laboratory Safety Inspection Award*" from UTHSC Research Safety. In recognition of his lead in research, teaching and service, UTHSC nominated Dopico to the 2022 University of Tennessee President's "*Excel In All We Do*" Award. Outside UTHSC, Dopico's expertise is recognized by his board/editorial membership in 7 peer-reviewed scientific journals, including the official journals of the Rsch. Soc. Alcoholism/Intl. Soc. Biomedical Rsch. Alcohol (*ACER* journal), and of the Intl. Drug Abuse Rsch. Soc./Intl. Narcotics Rsch. Conference (*ADARS* journal).

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

Active Grants and Other Sources of Funding

- PI - NIH Merit 2R37 AA011560 (3 Yr. NCE)-Its renewal as R01 for 5 yrs. received a 3 percentile during evaluation by NIH NAL study section in February of 2022.
- PI - NIH R01 HL147615
- Contact PI - NIH R01 HL148941
- PI - NIH R01 ES033158
- Co-Inv - NIH R01 AA029673
- Co-Inv - NIH R01 AA028200

Publications (July 2021-June 2022): 4

Presentations (July 2020-June 2022): 8

Graduate Students Mentored (2021-22): 2

- K. North, A. Shaw; 5 thesis committees.

Faculty Mentoring or Other Active Collaborations:

- Mentor of 6 UTHSC COM PHAST Department Faculty members.

Selected Other Evidence of Impact on the Institution:

- Chair of the Neuroscience area in the UTHSC Operational Strategic Plan for Research
- Chair of the search committee for the UTHSC COM Anatomy and Neurobiology Department Chair/UTHSC Neuroscience Institute
- Member, UTHSC COM Dean Executive Council
- Member, UTHSC COM COVID-19 Leadership Taskforce
- Member of the University of Tennessee Substance Misuse and Addiction Resource for Tennessee (SMART) taskforce

Recommendations to Enhance the Effectiveness of the Program

- Plan to develop a task group/center on substance misuse (UTHSC COM)
- Help develop a task group/center for simple model systems (UTHSC COM)
- Help revamp the Neuroscience research enterprise across UTHSC, COM in particular.

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

- National Institutes of Health (NIH) U19 Center of Excellence for Encephalitic Alphavirus Therapeutics, 3/7/19 - 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.
- Department of Defense (DoD) W81XWH-21-C-0042, Subcontract from CFD Research, 5/3/21 to 5/2/23.
- Food and Drug Administration (FDA) 1247244 - BAA MCMWP 101, 09/30/2021-09/29/2024, Evaluation of Small Animal Models for COVID-19 and their Application in Nonclinical Safety and Efficacy Studies of Investigational Therapeutics
- NIH 1G20AI167349-01, 09/14/2021-03/14/2023, UTHSC Regional Biocontainment Laboratory: Upgrade of Facility and Building System
- ALA, Samarasinghe, Eosinophils: An Unexpected Hero in the Fight against COVID-19, pending information

Publications (2021-22): 15 (in review of 2021 to present)

Faculty Mentoring or Other Active Collaborations:

- Amber Smith, PhD, Department of Pediatrics, UTHSC
- Ying Kong, PhD, Department of Microbiology, Immunology and Biochemistry, UTHSC
- Ted Cory, PhD, College of Pharmacy, UTHSC
- Brandt Pence, University of Memphis
- Amali Samarasinghe, M.S., Ph.D., Associate Professor, Department of Pediatrics | Pulmonology Division, UTHSC

Recommendations to Enhance the Effectiveness of the Program

- Continue to guide and/or collaborate with UTHSC faculty, and faculty in Memphis (University of Memphis, St Jude Children's Hospital) and nationally, to expand animal models, antiviral discovery, in support of basic and translational research on COVID-19.
- Continue to advocate to create a critical mass of faculty in viral immunology to enable development of a program project grant. No positions are currently available in College of Medicine or College of Pharmacy.
- Launch a robust seminar series in virology-immunology to expand perspectives on research in this area for the greater Memphis research community. The seminar series will take place under Institute for the Study of Host-Pathogen Systems (ISHPS) this Fall.
- Continue to enhance ISHPS space for faculty recruiting and faculty and students on MSB 7th and 8th floors.
- Continue to expand cutting edge tools and technologies available to the UTHSC Regional Biocontainment Laboratory (RBL).

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*.

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

Active Grants and Other Sources of Funding

- Continuously funded by National Institutes of Health (NIH) for 45 years.
- In 4th year of a 4-yr grant, 1/1/19 – 12/30/22 – USA LTAUSA18 Grant (No. LTAUSA18162); Grant Renewal Submitted 7-25-22.
- <0.4% of Association of American Medical Colleges (AAMC) medical school faculty in my age group hold active grants.

Publications (2021-22): 4 publications receiving internet views: (1067 views; 402 views; 118 views in 1 month; data Not available for one paper)

- H index = 44 (author-level metric)
- Top 10% (91st percentile) of 17.9 million research outputs (papers) scored by Altmetric.
- High Attention Score compared to outputs of same age and source (99th percentile).
- 61,953 total online views and 49,154 downloads (as of 4/18/20). 1,988 online views (2018-2022, one paper's metrics not available)
- Tools of Biochemistry now in five languages and more than 17 English printings.

Presentations (2021-22): 1 keynote speech, 2 plenary speeches; 6 abstracts, organized 2 international conferences,

Faculty Mentoring or Other Active Collaborations:

- Mentor to three faculty members in the UTHSC Department of Microbiology, Immunology and Biochemistry.
- Active collaborations with Zdena Palkova & Ivana Malcova at Charles University, Prague, Czech Republic.

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 (2020-2023) 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 undergraduate and graduate courses. Serve as Course Director.

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:

- 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. PI
- Campbell Clinic Foundation Contract: Revere Total Shoulder kinematics and Kinetics of Functional External Rotation \$11,575
- Tennessee Clinical and Translational Science Institute, *Opioid Reduction for Total Knee Replacement Patients*. 2021-2022. Total costs: \$30,000. Role MPIs K Derefinko, WM Mihalko and F Thomas.

Publications (2021-22): 10; 1 other accepted for publication

Presentations (2021-22): 9

Faculty Mentoring or Other Active Collaborations:

- New collaborations established with Dr. Jeremy Gilbert of Clemson University looking into biological 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.
- 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 26% with plans to resubmit fall 2022 cycle.
- Dr Karen Derefinko Preventive Medicine on reducing opioid use after Total Knee Arthroplasty. R21 NIAMS scored 31 impact factor and completed Clinical and Translational Science Institute (CTSI) grant 5/22 to obtain preliminary data and resubmission planned for U01 fall 2022.

Other Evidence of Impact on the Institution:

- Program chair for the Joint Graduate Program in Biomedical Engineering with one graduated MS student 2021-22, two current supported MS student, and one supported Ph. D. student in Rehabilitation Science Program.

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.

UT Health Science Center Le Bonheur Chair of Excellence in Pediatrics (1st 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 & 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

- Children's Foundation of Memphis (CFOM) Grant for 5 years \$2.5 Million.
- 20 other funded research projects as primary investigator.

Publications (2021-22): 23

Presentations (2021-22): 63

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.
- Mentor 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 (2nd chair)

Status of the Chair of Excellence

Dr. Samir H. Shah serves as the *Le Bonheur Chair of Excellence in Pediatrics* (2nd 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 US. His research focus is on the application of bioinformatics and clinical decision support for predictive modeling of pediatric severe sepsis. 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:

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

Publications (2021-22): 18

Presentations: (2021-22): 12

Graduate Students Mentored:

- 9 Critical Care Fellows
- 3 Pediatric Emergency Medicine Fellows
- 1 Pediatric Surgery Fellow
- 1 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.
- Mentoring junior faculty for APEX Program (Dr. Shantaveer Gangu).
- Committee member – Global Pediatric Onco-Critical Care Symposium.

Other Evidence of Impact on the Institution:

- Combined Cardiology and Onco-Critical Care Fellowship Training.
- 2020 ELSO Award for Excellence in Extracorporeal Life Support – Gold Category.

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.

UT 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

Selected Active Grants and Other Sources of Funding:

- Wake, Robert W., Co-PI. Effect of Novel Paxillin Modulators for the Treatment of Prostate Cancer. \$1,250,000/5 years, National Cancer Institute (NCI). R01
- Wake, Robert W., Co-PI. SBIR Grant Application. Tactile Sensing with Ultrasound for Targeted Prostate Biopsy. Collaborative effort with UTHSC Department of Pathology
- 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

Presentations (2021-2022):

- Objective Risk Score Reliably Predicts Major Morbidity and Mortality after Radical Prostatectomy. Kristen Marley Maatman, MD; Christopher Ledbetter, MD; A. Lynn Patterson, MD; Robert W. Wake, MD. UTHSC-Memphis. Presented at Annual SES/AUA Conference. San Juan, Puerto Rico March 2022
- Which ERAS Elements are Most Commonly Included in Cystectomy Recovery Protocols? Michael Jalfon, BS; Stephen Legg, MD, Anthony L. Patterson, MD Christopher Ledbetter, MD, Robert Wake, MD. *UTHSC-Memphis* Presented at Annual SES/AUA Conference March 2022. San Juan, Puerto Rico
- A 12-Minute Paraphimosis Educational Lecture. Stephen Legg, Patrick Probst, Robert Wake, Christopher Ledbetter, Anthony Patterson *UTHSC-Memphis* Presented at Annual SES/AUA Conference March 2022. San Juan, Puerto Rico
- Leukocytosis with Obstructing Ureteral Stones Does not Predict Septis Development in Patients Discharged for Trial of Passage. Stephen Legg, Patrick Probst, Meredith Bernhard, Hunter Kraus, Paul Irons, Genesis Nieves, Aaron Bloch, Jeff Bierly, Christopher Ledbetter, Anthony Patterson, Robert Wake; *UTHSC-Memphis* Presented at Annual SES/AUA Conference March 2022. San Juan, Puerto Rico

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 Jaggar 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:

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

Publications (2021-22): 4

Graduate Students Mentored (2021-22): 0

Faculty Mentoring or Other Active Collaborations:

- Chair, Mentoring Committee Dr. Kassan, Department of Physiology.
- 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:

- Grant Reviewer for British Heart Foundation
- Review Editor at *PNAS*. Editorial Board of *Physiological Reviews* and *Frontiers in Vascular Biology*.
- Reviewer for *eLife*, *PNAS*, *Physiological Reviews*, *FASEB Journal*, *Hypertension*.
- 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:

- 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). NCE granted until August 30th, 2022
- American Lung Association, Charles and Amelia Gold Innovation Award. *Title:* Influenza Virus Promotes Eosinophil Appetite for Bacteria. *Role:* Principal Investigator (\$150,000). Ending September, 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)

Publications (2021-22): 2 (peer-reviewed manuscripts) and 1 invited book chapter

Presentations (2021-22): 1

Trainees Mentored (2021-22): 3

- Two Graduate Students (Interns); Postdoctoral Fellow.

Faculty Mentoring or Other Active Collaborations:

- Co-mentor Assistant Professor of Critical Care, Dr. Nicholas Morin.
- Saint Jude's collaborators (Dr. Jason Rosch, grant submissions to NIH & Dr. Paul Thomas, ongoing collaborative studies).
- Committees Served: American Thoracic Society, Autumn Immunology Conference, American Lung Association, Study Sections: NIH, American Lung Association (co-Chair), US-Israeli Binational Science Foundation, UK Medical Research Center

Other Evidence of Impact on the Institution:

- UTHSC Dept. 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 program.

University of Tennessee Health Science Center

Semmes Murphey Chair of Excellence in Neurology

Status of the Chair of Excellence

Dr. Andrei V. Alexandrov was appointed as the *Semmes Murphey Chair of Excellence in Neurology* and Chair of the Department of Neurology in 2014. He also serves as medical director of the stroke center at Methodist University Hospital.

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

Active Grants and Other Sources of Funding:

- PI, PROMPT project, Industry funded acute stroke imaging project (award pending)
- Co-Investigator on 3 National Institutes of Health (NIH) StrokeNet Clinical Trials
- Alexandrov, Andrei (Investigator), Alexandrov, Anne, (Lead Principal Investigator), Metter, Jeff (Investigator), Tsvigoulis, George (Investigator), "Zero Degree head positioning In Acute ischemic stroke (ZODIAC)," NIH RO1 Funding from National Institute of Nursing Research (NINR) \$2,362,361

Publications (2021-22): 25 original papers, 1 review, 1 guidelines paper

Other Evidence of Impact on the Institution:

- Neurology services across all subspecialties and hospitals continued un-interrupted despite UTMP dissolution
- No Neurology faculty members were lost in transition from UT Methodist Physicians (UTMP)
- Committed department resources to support resident-driven research. UT Neurology residents submitted 10 abstracts, 16 manuscripts, and 2 book chapters
- The UT Mobile Stroke Unit operation remains suspended with negotiations with participating hospitals underway to restart this valuable service to community.
- A city-wide stroke program continues stroke attending coverage services at Methodist University Hospital (MUH), Regional One Health (ROH) and Baptist Memorial Hospital (BMH) with world record treatment numbers for sixth year in a row (highest reported tPA treatment rates, 2015-2021) in the world.
- Supervision of numerous Clinical Fellows in Vascular Neurology and launch of Neurocritical Care Fellowship
- Improved Neurology consult service at Regional One Health and Veterans Affairs
- Supported Dr. Khan & Dr. Xiao in obtaining several new R grants

Recommendations to Enhance the Effectiveness of the Program

- Re-launch 24x7 EMU service and continue city-wide Epilepsy coverage and in-hospital EEG/cEEG reading 24x7 across MUH, ROH, and BMH
- Continue with recruitment of Neurology subspecialists and assist VA with recruitment of Neurology Chief
- Continue development of a system-wide tele-stroke and tele-neurology coverage for Methodist adult hospitals system
- Support our nation-leading recruitment in NIH Stroke Net and NINR funded clinical trials
- Support new grant applications from basic scientists and junior clinical faculty

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:

- 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.
- NIH NIA R01 AG049780, PI, - Investigation into heart aging.

Selected Publications (2021-22):

- 1) Xiaobin Han and Zhongjie Sun. Adult Mouse Kidney Stem Cells Orchestrate the *de novo* Assembly of a Nephron *via* Sirt2-modulated Canonical Wnt/ β -catenin Signaling. *Adv Sci*. 9(15):e21040342022, 2022.
- 2) Wilton Sun, Zhongjie Sun. Stem cell therapy for pulmonary arterial hypertension: an update. *J Heart Lung Transplant*. 41(6):692-703, 2022.
- 3) Kai Chen, Shirley Wang, Zhongjie Sun. *In Vivo* Cardiac-specific Expression of *Adenylyl Cyclase 4* Gene Protects against Klotho Deficiency-induced Heart Failure. *Transl Res*. 2022 Jan 31. doi: 10.1016/j.trsl.2022.01.006. PMID: 35114419. PMCID: PMC9119924.
- 4) Kai Chen, Zhongjie Sun. Estrogen inhibits renal Na-Pi co-transporters and improves klotho deficiency-induced acute heart failure. *Redox Biol*. 47:102173, 2021. doi: 10.1016/j.redox.2021.102173. PMID: 34678656. PMCID: PMC8577443.
- 5) Yi Lin and Zhongjie Sun. Mutation of anti-aging gene Klotho causes arterial calcification *via* activation of the bone morphogenetic protein signaling. *J Cell Physiol*. 237(1):720-729, 2022.
- 6) Kai Chen, Bo Zhang and Zhongjie Sun. Mir379 Regulates Klotho Deficiency-induced cardiomyocyte Apoptosis *via* Repression of Smurf1. *Hypertension* 78:342-352, 2021.

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.

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
Chair of Excellence in Obstetrics and Gynecology**

Status of the Chair of Excellence

Established in 1986, The University of Tennessee Medical Group Chair of Excellence in Obstetrics and Gynecology was awarded to Dr. John O. Schorge, effective April 1, 2022 in honor of his tremendous accomplishments in the areas of gynecologic oncology & minimally invasive gyn surgery. Since he has just assumed the Chair, a comprehensive report will be submitted next year.

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

Ongoing annual philanthropic commitments to the Department/Children's Foundation

Research Institute (CFRI):

- \$1.25M (Children's Foundation of Memphis).
- \$250,000 (Assisi Foundation).
- \$500k (Urban Child Institute).

Publications (2021-22): 4 (peer-reviewed), 2 (non-peer-reviewed or lay press)

Presentations (2021-22): 4 invited seminars

Faculty Mentoring or Other Active Collaborations:

- Direct mentor for UTHSC Assistant 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.
- Led institutional and City/County response to COVID-19 – received numerous community awards for this service.
- Appointed to newly formed Shelby County Board of Health; elected Chair.
- One R01, two K23 grants to junior faculty.
- Expanded the Bio-integrative Genomics (BIG) program; obtained 9000 new sequences

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
- Recruit (as a new leadership position) a Vice-Chair of Equity, Diversity, and Inclusion

University of Tennessee Knoxville 2021-2022

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 (Hired August 2021)
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 \$1.7 million; 5 grants awarded since July 2021 totaling \$389K.
- 2 awarded for FY2023 totaling \$127k; 1 grant submitted awaiting decision for \$250k.
Funders: US Department of Agriculture – National Institute of Food and Agriculture (USDA-NIFA); USDA-Foreign Agricultural Service; USDA-Economic Research Service; National Science Foundation (NSF).

Publications: 4 journal articles and 8 extension publications published; 2 manuscripts currently in review. Contributor, 2022 Economic Report to the Governor.

Presentations: 7 presentations to scientific audiences.

Extension Presentations: 18 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.
- (Professional Leadership) US Agency for International Development (USAID) Board for International Food and Agricultural Development (BIFAD) Subcommittee on Systemic Solutions for Climate Change; Agricultural and Applied Economics Association Board of Directors; Chair, Committee on the Status of Blacks in Agricultural Economics; USDA's Agricultural Policy Advisory Committee; Socially Disadvantage Farmers and Ranchers Policy Research Center Advisory Board; Senior Editor of the *Journal of Food Distribution Research*; *Journal of Agricultural and Resource Economics* Editorial Board.
- Awards: *Agricultural and Resource Economics Review* Best Article Award and USDA Economists Group, Bruce Gardner Economist Award, 2021
- Co-organized conference: 3rd Annual Mid-South Ag Trade Conference.

Graduate Students Mentored:

- Christina Greer, MS (Chair); Bowen Jiang M.S. (Chair); Bhishma R. Dahal M.S. (Member); Heather L. Winter, M.S./MBA (Member).
- David A. Forgenie, M.Phil. University of the West Indies (Member).

Faculty and Student Mentoring:

- 1 presentation and managed 2 undergraduate summer interns.

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals: 1) continue funding for graduate students and post-doc; 2) establish a Center for International Agricultural Trade; 3) establish an International Scholars graduate program; 4) continue impactful and policy relevant research and outreach on global issues.

Long term Goals: 1) establish a Center/program that provides information, research, and analysis to support public and private global initiatives in the Region; 2) to 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

- Taught fully on-line for the first time (Spring 2021) - HY 450
- Taught two new courses in 2021-2022: (History 302, Immigrants, and the Immigrant Experience in American History); History 444, History of the American West

Recommendations to Enhance the Effectiveness of the Program

- Research project: a study of the way historians in the US and Germany have interpreted wars in the 20th century, from 1914 to 1989. Particular attention is paid to the ways that history has been written and revised to advance national foreign-policy positions. Book is 98 percent completed. Working with an agent to locate a commercial-press publisher.
- My goal has long been to teach more undergraduates, particularly focus on global issues of international relations and immigration. Have been moderately successful with that, though this coming fall my enrollment is low for HIUS 450 because of the insistence that I teach it at 810 am. I won't agree to do that again.

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 Ph.D. 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

Honors and Awards

- Chancellor's Professor, June 2022

Active Grants and Other Sources of Funding

- Co-PI, Rooted in Science (summer 2022 course to help UTK science Ph.D. students communicate science to the public), funded by Oak Ridge Innovation Institute (U.S. Dept. of Energy)
- Co-PI, Development of Functional Lignin Additives . . . [for] Paper Packaging Products—for 2 sets of workshops in 2023 and 2024 for science Ph.D. students on communicating science to the public, funded by U.S. Dept. of Agriculture

Publications (2021-2022)

- Marlene Taylor & Mark Littmann, editors: *Language Myths & Hoaxes: A Humorous Look at Language Misconceptions* by Anu Garg (University of Tennessee, 2021—booklet of 2021 Hill Lecture)

Performances of Original Plays (2021-2022) (10) – partial list:

- Mark Littman, author/editor of the following plays performed in AY 2021-2022: *One Giant Leap: The Impossible Mission that Flew Us to the Moon*; *Stories of the People: Sky Lore of Native Americans*; *The Story of Bel and the Dragon Auditions for the Bible*; *The Last Question*; *The Making of a Musical: Fiddler on the Roof*; *The Man Who Planted Trees*; *On the Line: The Creation of A Chorus Line*.

Graduate Students Mentored (2021-2022)

Amanda Womac (Adviser, entered Ph.D. program August 2021); Scott Greeves (Adviser, entered Ph.D. program August 2021)

Faculty Mentoring or Other Active Collaborations

- Program Chair, UT Science Forum (ongoing): I invite and host UT and Oak Ridge National Laboratory (ORNL) faculty to speak to the public, giving them opportunities to explain their research to lay audiences (usually 22 per year)

Other Evidence of Impact on the Institution

- Signed contract with Oxford University Press and completing manuscript for new edition of book on solar eclipses: *Totality: The Great North American Eclipse of 2024* by Mark Littmann & Fred Espenak, to be published 2023

Recommendations to Enhance the Effectiveness of the Program

- Find performance venues for my science plays *Halley and Newton* and *Little Lessons for Lina*
- Publish *Eclipsing the Sun*, my middle-grades children's book and an anthology of the best Hill Lectures on science, society, and the mass media
- Publish journal article on Edmond Halley's crowdsourcing for his 1724 solar eclipse prediction and on Science Writing as Literature, a course I developed
- Publish collection of my one-act biblical plays; Publish collection of my one-act Holocaust plays

University of Tennessee Knoxville Clayton Homes Chair of Excellence in Finance

Status of the Chair of Excellence

Dr. James Wansley was the last holder of the *Clayton Homes Chair of Excellence in Finance*. He held the Chair from 1992 until his retirement in 2017 after serving as a faculty member for 29 years. The Clayton Homes Chair was vacant in 2021-22 but was filled by the appointment of Dr. Matthew Serfling in the late summer of 2022. Future reports will reflect the contributions of Dr. Serfling to the business and finance academies and to business practice.

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 has served as the Chairholder since 2010. Dr. Stank is a Professor of Logistics and Supply Chain Management and earned his Ph. D. in Marketing and Distribution from University of Georgia, 1994. Dr. Stank was named University Chancellor's Professor in June 2021.

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 UT to explore advanced concepts in Supply Chain Management. FY21 membership of 10 Fortune 500 firms with a budget of \$570,000 that provided funding for 15 faculty, 4 PhD students, and 3 masters students.
- Faculty Co-Director of Global Supply Chain Institute and Forum that generates annual revenue of \$800,000 and contributes over \$400,000 to department excellence.

Publications (2021-22): 6 including journal articles (3) whitepapers (2) and industry publications (1)

Presentations (2021-22): 10 presentations and podcasts

Graduate Students Mentored: (2021-22): 4 EMBA in Global Supply Chain 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 and Dr. Lance Saunders.

Selected Other Evidence of Impact on the Institution:

- Faculty Co-Director of Global Supply Chain Institute and Director, Advanced SC Collaborative.
- Department Strategic Advisory Committee.
- Educational Advisor to Health and Personal Care Industry Logistics Conference.

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 Dept of SCM.
- Continue thought leadership relationships with leaders in leading edge organizations.
- Ensure that University of Tennessee 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 (2020-2021)

- Integrated Membrane Anode Assembly & Scale-up, Giner ELX through DoE
- Design of Next Generation electric vertical take-off and landing (eVTOL) Systems, Army Research Lab.
- Fully Unitized Fuel Cell Manufactured by a Continuous Process, Plug Power Inc.
- Battery Cell Thermal Model, Volkswagen Group of America.
- Bosch: Grant support of PEFC Program.

Publications (2021-22): 2; multiple abstracts

Presentations (2020-22): Multiple presentations at technical meetings

Graduate Students Mentored: (2021-22):

- 6 current Ph.D. students (2 completed last year)
- 3 research associates
- 1 undergraduate

Faculty Mentoring or Other Active Collaborations:

- As Department Head, actively provided mentorship for numerous faculty members.

Selected Other Evidence of Impact on the Institution:

- Served as Interim Vice Chancellor for Research, December 2019-July 2020.
- Department Head of Mechanical, Aerospace, and Biomedical Engineering, August 2013-November 2019, August 2020-April 2021.
- 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

- Enhancing faculty growth, external research funding for laboratories, and fostering an environment that promotes innovation, fairness, and impact.
- Personal research development 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, USC, 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 ORNL appointment, has authored or co-authored 160 journal papers, 425 conference presentations, one book, 7 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, 4 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 (2021-22)

- National Science Foundation (NSF)-DOE ERC CURENT: \$38,500,000.
- Department of Energy (DOE) Advanced Research Projects Agency (ARPA-E): 4,800,000.
- DOE Advanced Manufacturing Office: \$6,500,000.
- UT-Battelle projects \$1,300,000.
- Other sources, \$500,000.

Selected Publications (2021-22):

- 2 book chapters.
- 13 journal papers.
- 2 granted patents.

Selected Presentations (2021-22):

- 3 tutorials and short courses
- 2 industry invited webinars.
- 7 conference presentations.

Graduate Students Mentored: (2021-22):

- 4 PhD graduated
- 5 PhD students currently mentored
- 2 research faculty and 2 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, and Boeing/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 (2021-2022): *Interpretaciones: Experimental Criticism and the Metrics of Latin American Literature*, which should appear in print in 2022-23; "Notes Toward a Border Cinema: Words and Action in Jonás Cuarón's *Desierto*." *Studies in American Culture* 44 (1), pp. 5-16. October 2021; "In Search of an Author: The Case of 'Cabanga africana.'" *South Atlantic Review* 87 (1), pp. 114-132. Spring 2022; Book review: *Folk Stories from the Hills of Puerto Rico*. Rafael Ocasio. New Brunswick: Rutgers University Press, 2021. *Latino Book Review* (online, March 2022).

Presentations (2021-2022): "Solitude in the Americas: 'Leaning into the Afternoons' by Pablo Neruda." 25th Annual Conference on the Americas. Virtual. 2/22.

- South Atlantic Modern Language Association convention presidential address: "616 McClung Tower, 1701 Volunteer Blvd ... or Scenes from the Pandemic." SAMLA convention. Virtual. 11/21.
- "Soledades: Cuerpo y corporalidad en la poesía de Gabriela Mistral." South Atlantic Modern Language Association Convention. Virtual. 11/21.

Teaching and Mentoring or Other Active Collaborations (2021-2022):

- Faculty mentor for *Vernacular*, Modern and Foreign Language and Literature's (MFL) online graduate student journal. *Vernacular* published its seventh issue in May.
- Principal organizer for "GaboFest: Celebrating Gabriel García Márquez," a virtual iteration of the annual AuthorFest managed jointly by MFL and the English Department. March 2022.
- Taught, for the first time, the Hispanic Studies program's intermediate undergraduate intro to culture course (SPAN 331, Fall 2021); I taught SPAN 433, an advanced undergraduate course centered on gender and sexuality (I introduced this course to the program a few years earlier).
- Faculty mentor to Annachiara Mariani (Italian program).
- Director of Lucas Sharp's dissertation (French Studies; completed May 2022); member of Sara Rico-Godoy's dissertation committee (completed May 2022); Lizely López and Ricardo Sevilla (Hispanic studies) are planning on writing their respective dissertation under my supervision.
- **Other Evidence of Impact on the Institution:** Founding director of the faculty seminar on Latin American & Caribbean Studies; MFL 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. Past president of the South Atlantic Modern Language Association (SAMLA) and the Mountain Interstate Foreign Language Association (MIFLA)

Recommendations to Enhance the Effectiveness of the Program

Dr. Alcocer plans to have *Interpretaciones* published during the upcoming report cycle. He also plans to continue research and writing for his next manuscript (on solitude in Latin American cultural production). He further hopes to begin the promotion process to full professor during the upcoming promotion cycle.

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. Tickle College of Engineering has submitted its list of hiring priorities for FY 21, on which this position was listed as of high priority for the college. Due to the pandemic and the resulting hiring freeze, we were not allowed to pursue an open search for this position. In lieu of pursuing an opportunity hire, the Civil and Environmental Engineering department chose to wait for the general hiring freeze to be lifted. We anticipate approval to search for this position and anticipate it being filled effective no later than August 2022.

University of Tennessee Knoxville

Hodges Chair of Excellence in English

Status of the Chair of Excellence

The *Hodges Chair of Excellence in English* was previously held by Dr. Joy Harjo-Sapulpa. The chair has been recently filled by the hiring of Dr. Cornelius Eady (August 2021), who is a nationally renowned, award-winning poet. Dr. Eady came to the University of Tennessee Knoxville from SUNY Stony Brook, where he most recently held a professorship in the MFA program. A native of upstate New York, he has taught at Sarah Lawrence College, New York University and City College of New York.

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

Publications (2021-2022)

- "We as People" poem, *The 1619 Project*, ed. Nickole H. Jones (One World/Random House)
- "The Roach" *BuzzWords, Poems about Insects*, ed. Schechter & Hahn, Everyman/Knopf
- "God Could Not Make Her a Poet" Poem a Day, ed. John Murillo, Academy of American Poets website
- "Toi Derricotte, Poet, on her 80th Birthday", "Before The Verdict" (for Derek Chauvin), *Rosebud*, # 69,
- "Handymen" The Best American Poetry website, ed. Terence Winch
- "Don't Get Dead" CD & on line music platforms. 14 original songs. June Appal Recording

Presentations (2021-2022)

- Zoom presentation: 20th anniversary celebration of "Brutal Imagination"
- Zoom presentation, 25th anniversary celebration of Cave Canem workshop with Cave Canem poets.
- Zoom presentation UT Rivers and Waterways
- Led a 1619 Zoom discussion at The Bottom
- Online visit and interview, UT Grad Theater course lead by Casey Sams
- On campus performance of songs from "Don't Get Dead" by CE trio
- On campus lecture on poetry, music and performance with Trio
- Interview with Todd Steed, WUOT Radio
- Taught ENGL 581 & ENGL 463. Arranged for Weekly student interviews (on Zoom). Visitors included Tyehimba Jess, Marilyn Nelson, Carolyn Forché, John Murillo, Alice Quinn, Kimko Hahn, Marie Howe, Cyrus Cassells, and Elise Paschen.

Mentoring or Other Active Collaborations:

- Mentored Sam Wein
- Did Independent Study with Sara Mae Henke
- Sat on Defense for Catherine Gabinsky and Amber Albritton

Recommendations to Enhance the Effectiveness of the Program

Work on dance/theater piece *Mercy*, an adaptation of my Phyllis Wheatley poetry cycle, a collaboration between McGill University and UTK (delayed due to FMDA status); continue work on memoir *Kid Life*

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 has published 1,148 journal papers with 39,897 citations and an H index of 84 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), and an MRS Fellow in 2022. A 2020 TMS Honorary Symposium was 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,
- Oak Ridge National Laboratory \$113,442,
- Honda R&D Americas Inc. \$315,000,
- National Science Foundation (NSF) \$420,000,
- National Science Foundation (with Professor Gao) \$375,000,
- Office of Naval Research, \$225,000.

Publications (2021-2022): Based on the Web of Science, there are 11 papers in high-impact journals, including *Science*, *Nature Communications*, *Science Advances*, *Advanced Materials*, *Progress in Materials Science*, *Proceedings of the National Academy of Sciences*, and *npj Computational Materials* with Prof. Liaw as a co-author. Professor Liaw and his team members have produced 157 journal publications.

Presentations (2021-2022): Professor Liaw and his team members have given 34 *presentations*, including invited and contributed lectures, including 18 and 16 presentations at the 2021 and 2022 TMS Annual Meetings, respectively.

Graduate Students Mentored (2021-2022): 8

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

Other Evidence of Impact on the Institution: Since 1974, organized or co-organized 81 TMS symposia.

Recommendations to Enhance the Effectiveness of the Program

- Investigate and model fatigue behavior, neutron and synchrotron studies of mechanical behavior, strength and ductility trade-off study, 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 Ph. D. from Virginia Tech in 1993.

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

Active Grants and Other Sources of Funding

- \$22.5M of active external awards (15 total), including 7 new awards.
- Major funders are Defense Advanced Research Projects Agency (DARPA) and the Department of Energy (DOE).

Publications (2021-2022): 15, including 1 book

Presentations (2021-2022): 6 invited presentations at national meetings and several others to stakeholders, funders, and companies.

Graduate Students Mentored (2021-2022):

- Shamira Sultana, PhD, Plant Sciences/Biotech.
- Alex Pfothenauer, Ph. D. 2021 (co-advisor), Food Science/Synthetic Biology.
- Robert Sears, PhD, Plant Sciences/Biotech.
- Tyler Newton, MS Plant Sciences/Biotech.
- Jessica Stockdale, MS, Plant Sciences/Biotech.
- Bryce Trull, MS, Plant Sciences/Biotech.
- Robert Petersson, MS, Plant Sciences/Biotech.

Faculty Mentoring or Other Active Collaborations:

- Active collaborations exist in several UT departments, as well as Oak Ridge National Laboratory, MIT, UC-Davis, and other universities and companies.

Other Evidence of Impact on the Institution:

- Co-director of the Center for Agricultural Synthetic Biology.
- Editor-in-Chief, Plant Cell Reports (Springer Nature).
- Research.com Top 1000 Scientists in the area of Plant Science and Agronomy (#513 in the world ranking and #140 in the U.S, 2022).

Recommendations to Enhance the Effectiveness of the Program

- Continue to plan and expand facilities/safeguards for secure research.
- Begin secure research for national security goals.
- Establish a greenhouse “phenomics” facility based on fluorescence and hyperspectral capabilities.
- Complete and publish one book and up to 20 peer reviewed journal articles, including one in *Science*.
- Secure significant new funding from DARPA and the DOE.
- Hire up to 15 new research staff members in the upcoming year.

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 Ph. D. 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

- Three active grants: US Environmental Protection Agency (2) and US Department of Agriculture (1), totaling 2 million.

Publications (2021-2022): 5

Presentations (2021-2022): 10, including 4 international presentations (Canada, Italy, Poland, UK).

Graduate Students Mentored (2021-2022):

- Michael Brown (Ph.D., graduated summer 2022).
- Vasudha Chopra (Ph.D., graduated summer 2022).
- Served on two other dissertation committees.
- Served on second-year research paper committee (through this worked with several students to guide and enhance their research).

Other Evidence of Impact on the Institution:

- Editor-in-chief of the *Journal of the Association of Environmental and Resource Economics*.
- Co-editor of *Environmental and Resource Economics*.
- Director of UT Experimental Economics Laboratory.
- Fellow of the Baker Center for Public Policy.
- Fellow of the Center for Behavioral and Experimental Agri-Environmental Research.
- Professional development leave at the Land, Environment, Economics, and Policy Institute (LEEP) Institute, University of Exeter, Spring 2022.

Recommendations to Enhance the Effectiveness of the Program

- Collaborate with researchers at the LEEP Institute, 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 Ph. D. 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.
- Establish biannual academic workshop on experimental and environmental economics.
- Create an undergraduate course in behavioral economics that is widely accessible.

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 (2021-22): 17

- 13 articles, 4 book reviews
- Chinese translation and edition of book Invasive Species: What Everyone Needs to Know

Presentations: 3 at conferences, 5 at universities, 2 delayed by pandemic, and 1 cancelled by pandemic

Graduate Students Mentored: 4

- Krista DeCooke – hemlock woolly adelgid and conservation NGO (Ph.D. May 2023).
- Maria Daniela Rivarola - rodent ecology. Ph.D. 2022. Assistant Professor at Regis University
- Wieteke Holthuijzen – invasion biology (Ph.D. 2024).
- Sara Campbell, Post-Doctoral Fellow (2020-2021).

Faculty Mentoring or Other Active Collaborations:

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

Other Evidence of Impact on the Institution:

- Courses Taught: Invasion Biology (twice).
- 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).

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 Ph. D. from Vanderbilt University.

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

Publications (2021-22): 2

Presentations (2021-22): 5

Faculty Mentoring or Other Active Collaborations:

- Serves as a consistent mentor for faculty in the Department of Business Analytics & Statistics on teaching excellence and developing a top-tier research program.
- Engaged in current research collaborations with faculty in multiple departments across the Haslam College of Business and the Tickle College of Engineering.

Other Evidence of Impact on the Institution:

- Working closely with Advancement on several major gift agreements (multiple large gifts to the department received in 2021-2022).
- Successful recruitment of six new departmental faculty in 2021-2022.
- Continued growth in the department's Corporate Partnership Program, which enhances ties between the Haslam College's award-winning Business Analytics faculty and programs and the business community.
- Led the successful launch of a new undergraduate center focused on improving the analytics communication skills of senior business analytics students. This was identified by corporate partners and recruiters as a way to take our undergraduate program to an even higher level in terms of student employment outcomes and career trajectories.

Recommendations to Enhance the Effectiveness of the Program

- Foster relationships and continue to grow the Corporate Partnership Program.
- Continue to enhance and expand degree and non-degree programs such that the department can meet all the business analytics talent needs of employers and corporate partners in Tennessee and beyond.
- Explore graduate level online or hybrid degree programs and non-degree certificates in Business Analytics and/or Applied Data Science.
- Continue to drive a culture of research excellence within the department.
- Maintain senior editorial roles at leading academic journals.
- Continue to contribute cutting edge research insights in the areas of retail analytics and the circular economy.
- Enhance the reputation of the department by increasing its research productivity.
- Establish the Ph.D. 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 UT 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

- “Theoretical understanding of novel magnetic states in f-electron materials”, Los Alamos National Lab, PI (Cristian Batista).
- “Understanding Quantum Matter Beyond the Unit Cell” FWP program of ORNL, PI (Andy Christianson).
- “Quantum Multipolar Fluctuations in Spin-orbit Magnets” PI’s, Department of Energy (DOE) funding (UTK PI: Cristian Batista, Georgia Tech PI: Martin Mourigal).
- “The Hamiltonian considered by the authors is not realistic” (PIs: Steve Johnston, Cristian D. Batista and Adrian del Maestro)

Publications (2021-22): 14

- 5 articles published in high-profile journals

Presentations (2021-22): 5

Faculty Mentoring or Other Active Collaborations:

- Networking with other institutions, including Georgia Tech, Los Alamos National Laboratory and ORNL.
- Collaborations with Profs. H. Zhou, J. Liu, S. Johnston, and D. Mandrus.
- Liaison between UT 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 has already 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 of the cluster.
- Leading in creating of open-source software (Sunny) for modeling neutron scattering data.

Recommendations to Enhance the Effectiveness of the Program

- Additional recruitment of high-quality Ph. D. 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 UT Space Institute. On 1 August 2022 Dr. Schmisser will become the new Executive Director of UTSI and Associate Dean of the Tickle College of Engineering. The Arnold Chair will be vacated and returned to the Tickle College of Engineering until it is filled by a leader of hypersonics research at UTSI.

Impact of Chair of Excellence on UTSI, College, and Programs

Active Grants and Other Sources of Funding

- ~\$10M in 11 active grants. Awards are being distributed to oversight of other faculty since Schmisser will become Executive Director on 1 August.

Publications: 6

Presentations: 6 (Invited)

Graduate Students Mentored: 10

- Students from the group are becoming highly-sought by industry, with students nearing graduation receiving interest from multiple companies, particularly in Huntsville

Faculty Mentoring or Other Active Collaborations:

- Led UT engagement with Lockheed Martin in execution of ~\$600k of industry funding for aerospace research at UT.
- Lead faculty member for series of Congressional Adds supporting hypersonic research across three UT System campuses involving 70+ faculty, staff and students
- Continued as a member of the Initial Governing Board for the DoD-sponsored *University Consortium for Applied Hypersonics* – comprised of now 200+ academic and industrial inst.

Other Evidence of Impact on the Institution:

- Selected in April as Executive Director of UTSI and Associate Dean of the Tickle College of Engineering, with duties assumed on 1 August 2022

Recommendations to Enhance the Effectiveness of the Program

- Identify and recruit national leader in high-speed Aerothermodynamics / Hypersonics who can lead the UTSI HORIZON research group as the next Arnold Chair in continued growth and increased national prominence.
- 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 – engagement with industry has already begun.
- Completed initial characterization of Air Force Research Laboratory (AFRL) funded Mach 7 Ludwig Tube (first run in Spring 2021). Next step is to complete test section installation.

**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. Filling this chair is a priority for the incoming Executive Director of UTSI.

University of Tennessee at Martin 2021-2022

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)
- Tennessee Corn Promotion Board (\$15,000)
- Midway USA Foundation Grant Curriculum & Clay Target (\$14,483)

Publications & Conference Papers (2021-2022): 2

Presentations (2021-2022): 24

Graduate Students Mentored: (2021-2022): 5

Faculty Mentoring or Other Active Collaborations:

- Served as Dean of Graduate Studies at UT Martin (2021-Present).
- Provided guest lectures in the area of 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.
- Director of the Tennessee Governor's School for the 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 at UT Martin
- 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
- Expand external funding to support research projects.
- 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 scholarships with 3 financial institutions. Identified the students for 2 of these scholarships and for the scholarships developed in the previous year.

Research Projects

- 2021 Conference of State Bank Supervisors (CSBS) Case Study Project; with a five- member student team, partnering with INSOUTH Bank (Brownsville, TN).
- Wage and Benefit Study for Savannah Industrial Development with Dr. Christie Chen

Selected Other Activities

- TBA Credit Union Conference, 6 students attended this virtual conference
- Supported the Topics in Finance (FIN 471) class
- Supported the Financial Management Association (FMA) student organization
- Hosted a “Bankers Roundtable” with community banks and Commissioner Gonzales and TN Bankers Association President, Colin Barrett
- Hosted a “Bankers Breakfast” with community banks and Representative Tandy Darby and UTM’s “HUB” representatives
- Hosted the 2021 Mid-South Ag Finance Conference Bootcamp
- Hosted the 2021 Mid-South Ag Finance Conference with record attendance of 348 registrations
- Worked to develop the 2022 Mid-South Ag Finance Bootcamp and Conference

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue to participate in the CSBS Case Study Competition
- Continue to host the Mid-South Agriculture Finance Conference and the Bootcamp
- Continue to support the undergraduate Commercial Banking Class, Ag Finance 465 Class, and lead the Topics in Finance (FIN 471) class.

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 2021 Convention for educational leaders
- Served as moderator for a session of the Jump\$tart Conference
- Served on Marketing Committee

Served as pro bono consultant to local entrepreneurs as needed

Led Entrepreneurship Seminar in Spring Semester as outreach to local community

Coordinated Pitch Night Event in April

- The winner of this event was offered \$50,000 in seed funding

Taught 2 undergraduate classes at UT Martin in Entrepreneurship and Leadership

Taught MBA courses as needed

Supported minors in Entrepreneurship and Leadership

Served on Committees as Assigned:

- Graduate Committee within College of Business and Global Affairs
- Interdisciplinary Studies Committee (CBGA representative)
- CBGA Tenure and Promotion Committee

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.

Presentation of a Paper: Chen, H. C., Taylor, M. C., Cates, T., Southeast Decision Sciences Annual Conference (SEDSI), Jacksonville, FL, 2022, "Influence of Patient Quality Measurements and HCAHPS Scores on Hospital Payments," Southeast Decision Sciences, Southeast Decision Sciences Annual Conference (SEDSI), Jacksonville, FL, 2022, Jacksonville, FL, United States. (February 18, 2022).

Member of Local Committees: Tennessee Corn Growers, Northwest Tennessee Alliance Group

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue leadership role in Tennessee Jump\$tart and to 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.