

Chairs of Excellence

October 2019
Annual Report

TENNESSEE HIGHER EDUCATION COMMISSION

2018-19 COMMISSION MEMBERS

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Tennessee Higher Education Commission

Chairs of Excellence

2018-19

The 2018-2019 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 field. 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 been of worldwide reputations. They have brought new levels of scholarship to our campuses and have greatly increased the research output of all our universities.

The following pages provide a chart of all positions by name, date established, and current Chairholder, followed by documentation of the current status, perceived impact by, and recommendations for each Chair of Excellence alphabetically by institution. As of October 2019, 16 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

October 2019

Institution	Number of Chairs of Excellence	Number Filled	Percent Filled
Austin Peay	4	3	75%
East Tennessee	8	8	100%
Middle Tennessee	10	9	90%
Tennessee State	2	1	50%
Tennessee Tech	2	2	100%
University of Memphis	24	18	75%
Locally Governed Institutions	50	41	82%
UT Chattanooga	10	9	90%
UT Health Science Center	19	15	79%
UT Knoxville	18	16	89%
UT Martin	3	3	100%
University of Tennessee System	50	43	86%
Total	100	84	84%

Austin Peay State University, 2018-19

Chair of Excellence	Date Established	Chairholder
1) Roy Acuff Chair of Excellence in Creative Arts	March 1986	John Rommel Warren Jones Boris Allakhverdyan Lorna McGhee
2) APSU Foundation Chair of Excellence in Free Enterprise	June 1987	Dr. Michael Phillips
3) Harper-Bourne Chair of Excellence in Business	June 1987	Vacant since 2015
4) Lenore C. Reuther Chair of Excellence in Nursing	Sept 1993	Dr. Patty M. Orr

Austin Peay State University

Roy Acuff Chair of Excellence in Creative Arts

Status of the Chair of Excellence

Since 1986, the Austin Peay State University Center of Excellence for the Creative Arts has overseen the use of endowment funds toward the *Roy Acuff Chair of Excellence in Creative Arts*. The Acuff Chair rotates between four fine arts areas—Creative Writing, Music, Theatre/Dance, and Visual Arts—and has been filled each year by nationally and internationally renowned artists. The Music Department invited six guest artists/ensembles – John Rommel (trumpet soloist and clinician), Gomalan Brass (brass quintet), Warren Jones (collaborative pianist, vocal coach, and conductor), the Miro string quartet, Boris Allakhverdyan (clarinet soloist and clinician), and Lorna McGhee (flute soloist and clinician to Austin Peay in 2018-2019 as Acuff Chairs. Each of the following visiting artists worked extensively with APSU music majors in private lesson and masterclass settings as well as with students and community members at publically held masterclass and ensemble events. Each visiting artist also performed in a concert that was free and open to the public.

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. Through the APSU Music Department's six Acuff Chairs of Excellence in 2018-2019, many APSU music students received highly specialized instruction from a leading expert in their field. By inviting guest artists in voice, woodwinds, strings, and brass, each and every APSU music student had access to an applicable learning experience. Likewise, the community and entire region had multiple opportunities to hear a variety of world-renowned performers in concerts ranging from live radio broadcasts to solo recitals and concerto appearances with local student and professional ensembles. Community members also received intensive instruction from these guest artists at day-long regional events.

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. In future years, it is recommended that each department select only one Acuff Chair of Excellence with the option for that guest artist to bring in collaborating artists.

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 2018-19. 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 mentors 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 2018-19 academic year, the chair holder advised Austin Peay students participating in the Tennessee Valley Authority's Investment Challenge, where the APSU team finished 2nd out of teams from 25 institutions within the TVA region. Furthermore, the chair holder advised students participating in the CFA Institute Research Challenge and the college's Larry W. Carroll Govs Fund—a \$250,000 student-managed investment fund.

Recommendations to Enhance the Effectiveness of the Program

There are multiple universities, both inside and outside of Tennessee, that have endowed faculty positions to promote free enterprise. It would be tremendously helpful if these chairholders had a network to foster greater levels of collaboration across institution.

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. The chair is currently vacant. The position was advertised in March of 2018 and did not generate a desirable pool of applicants. The position is being advertised in the fall of 2019. We will begin reviewing applicants near the end of the semester and we are confident that there will be a hire in 2020. The Harper-Bourne Chair of Excellence was last held by Dr. Alan Smith in 2015.

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. In the fall 2019 the national search will be used to identify a senior faculty member to serve as the College of Business Director of Graduate Programs. The expectation is that the chair holder will have experience in a leadership role within an MBA program at an AACSB-accredited institution.

Recommendations to Enhance the Effectiveness of the Program

The Chair will be responsible for developing and implementing new graduate degree programs for the College of Business that serve the workforce needs of the Clarksville and Nashville metropolitan areas. The chair shall bring extensive experience in working with business leaders in developing innovative new degree programs at the graduate level. As a result of the chair's efforts, graduate enrollment in the College of Business should increase, along with the number of master's graduates. This will provide a direct benefit to the Clarksville and Nashville metropolitan areas.

Austin Peay State University Lenora C. Reuther Chair of Excellence in Nursing

Status of the Chair of Excellence

Dr. Patty Orr has been the chair holder of the *Lenora C. Reuther Chair of Excellence in Nursing* for the past 11 years. Dr. Orr brings extensive nursing research and publication experience to this chair position (22 peer reviewed articles in nursing and medical journals, including an article on chronic renal disease management published in 2018). She has obtained six separate grants and eight renewals while at APSU, totaling approximately \$450,000 in funding. On January 2019 the Matthew Walker Diabetes Management grant was renewed and funded for \$14,550 for the tenth year. This past academic year, Dr. Orr wrote a proposal for nursing undergraduate research that was implemented in the fall 2018 and spring 2019 semesters. This work is ongoing and resulted in a new research partnership with Premier Medical Group.

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

One significant impact on the School of Nursing (SON) has been serving as a faculty mentor for research, publication and grant funding. In 2018 she invited Dr. Kristin Hershey to assist with the TN Hospital Association grant which provided APSU SON students the opportunity to practice in the community and be recognized locally. Fall 2018 and spring 2019 the Chair of Excellence led an undergraduate research project that resulted in improved patient outcomes in partnership with Premier Medical Group. Students developed and presented research posters of the patient outcomes at the inaugural SON Research Day event. Dr. Orr serves as the Montgomery County representative to the Nashville Mid-Cumberland Regional Health Council. During 2018-19, Dr. Orr developed three new nursing research courses for the APSU MSN program.

Recommendations to Enhance the Effectiveness of the Program

In a time of competition for external funding to support higher education grant application and funding is essential for the survival of the SON. Programs such as the partnership with Premier Medical increase program effectiveness and create opportunities for undergraduate research and innovative nursing care programs. This program has the potential to become a model for other nursing programs as a component of an undergraduate BSN program. Publishing and marketing the outcomes of the program enhances the visibility of this innovative program and assist APSU in getting recognition for developing a research-based practice curriculum that impacts health care improvement. These are next steps for AY 2019-2020. It is also suggested that the SON seek funded grant opportunities in AY 2019-2020 that will support the programs financially as well as academically. APSU is moving forward in the development of a sound strategic plan for research and grant opportunities to support the SON initiatives.

East Tennessee State University, 2018-19

Chair of Excellence	Date Established	Chairholder
1) AFG Industries Chair of Excellence in Business and Technology	March 1987	Dr. Andrew J. Czuchry
2) Allen and Ruth Harris Chair of Excellence in Business	June 1988	Dr. Allan D. Spritzer
3) Carroll H. Long Chair of Excellence in Surgical Research	June 1989	Dr. David 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. Aimee Govett
6) LeeAnne Brown and ETSU Physicians & Associates Chair of Clinical Excellence	Dec 1995	Dr. Mohamad J. Hajianpour
7) Paul Dishner Chair of Excellence in Medicine	Nov 1989	Dr. Koyamangalath Krishnan
8) Wayne G. Basler Chair of Excellence for the Integration of the Arts, Rhetoric, and Science	Jan 1995	Dr. Eric Avery

East Tennessee State University

AFG Industries Chair of Excellence in Business and Technology

Status of the Chair of Excellence

Working with the faculty, students, and local business and industry, the AFG Chair of Excellence assists in developing new graduate program emphases in Entrepreneurship, Technology Innovation, Quality Management, Project Management, and Continuous Improvement. Dr. Andrew J. Czuchry has held the AFG Chair since 1992. He has coauthored 116 peer reviewed articles including three during this reporting period; founded the ETSU Student Entrepreneurs' Club; and developed and taught seven graduate courses that form the core and electives for the entrepreneurial leadership concentration. During 2018-19, Dr. Czuchry has also focused on the undergraduate level by developing a Plan of Action and an undergraduate entrepreneurship experimental course proposal to expand ETSU's entrepreneurial leadership offerings to engage returning veterans and other adult learners at the undergraduate level.

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

In 2018-2019 the efforts of the AFG Chair of Excellence were well aligned with the university vision and mission statements. The need for undergraduate entrepreneurship was underscored and success at the graduate level was continued. Emphasized was the engineering definition of entrepreneurship while having an appreciation for the business component as well. Engineering entrepreneurs are value creators. Working with customers or clients they first identify a significant problem and then develop a solution that adds value. As underscored by one of the reviewers for the ASEE paper the engineers are not taking risks for the sake of high risk-high reward. This distinction is important when we look at the undergraduate program for our college because our success has generally been something that added value to existing businesses such as Bristol Tennessee Essential Services (BTES) that won the Malcolm Baldrige National Quality Award in 2017. Our contribution was the broadband capability innovation that was deployed by BTES.

Recommendations to Enhance the Effectiveness of the Program

The undergraduate engineering entrepreneurship experimental course proposal should be implemented as planned in spring 2020.

East Tennessee State University

Allen and Ruth Harris Chair of Excellence in Business

Status of the Chair of Excellence

The primary mission of the *Allen and Ruth Harris Chair of Excellence in Business* is to strengthen the linkages between the business programs of the ETSU College of Business and Technology and the regional business community through public service and assistance for local and regional economic development. The current holder of the Harris Chair is Dr. Allan D. Spritzer, a professor of management. Prior to his appointment to the Harris Chair, Dr. Spritzer served for 18 years as dean of the ETSU College of Business. After 21 years as the Harris Chair, Dr. Spritzer will retire from the Chair and the University at the end of the 2019-2020 academic year

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

The Harris Chair of Excellence in Business continues to strengthen the linkages with the business community, positively impacts economic development in the region, and thereby enhances the reputation of the University, the College, and its business programs. In 2018, Dr. Spritzer was recognized by the Johnson City Development Authority for the completion of 27 years of service to JCDA, including two years as chairman of the board. The Harris Chair continues to serve on the following boards: the Northeast Tennessee Economic Development Corporation (Vice President), a division of the First Tennessee Development District that provides capital for small business loans; the Washington County Tax Assessment Equalization Board; the Downtown Johnson City Foundation (Treasurer), which provides private financial support for Downtown Johnson City revitalization projects; and the Advisory Board of the Sequoyah Council of the Boy Scouts of America. Despite personal illness, Dr. Spritzer fulfilled his ETSU instructional commitments as well as his leadership and service obligations as a member and/or officer of local and regional economic development boards and committees.

Recommendations to Enhance the Effectiveness of the Program

- Promote, encourage and motivate greater faculty engagement with the business community;
- Support faculty seminars and workshops for the business community;
- Mentor and assist new department chairs and other administrators, when requested; and
- Assist with the recruitment of a new Harris Chair Holder for the Fall 2020 semester, if requested.

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. Since September 2017, Dr. David L. Williams, Professor of Surgery became the second Carroll H. Long Chairholder.

Impact of the 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 research on the role “trained immunity” in 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). Dr. Williams authored or co-authored (students, postdoctoral fellows and faculty) nine peer reviewed scientific papers, one review paper and twenty-three scientific abstracts and/or presentations at national and international meetings. Three of the abstracts won awards at national and international scientific meetings.

Dr. Williams was an invited speaker at Brown University and he was a Visiting Professor at the Medical University of South Carolina. He also co-chaired a mentorship symposium at the 41st Shock Conference. He serves on the editorial boards for three journals, is a reviewer for several scientific journals, and he 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 twenty-three years. He is currently the PI on two NIH RO1 grants and one NIH subcontract as well as a co-investigator on another NIH RO1 grant.

Recommendations to Enhance the Effectiveness of the Program

Dr. Williams will continue to engage in significant research that augments his educational responsibilities that additionally increases the prestige of the Chair of Excellence.

East Tennessee State University

Cecile Cox Quillen Chair of Excellence in Geriatrics and Gerontology

Status of the Chair of Excellence: 2018-2019

The status of the Chair of Excellence is Excellent and the Osteoporosis Program continues to evolve. The program draws referrals from a radius of at least 100 miles. In addition to our own ETSU residents in Family Medicine, Internal Medicine, and even Psychiatry, we have visitors interested to learn more about osteoporosis. The Osteoporosis Clinic is financially sound. Its distributable funds moved from a deficit of \$17,279 in November 2014 to a surplus of \$30,882 in May 2019. This allowed us to recruit a nurse practitioner who examines patients, prescribes medication, educates patients and relatives/caregivers thus increasing the number of patients seen while generating more revenue. They play a key role in the research activities of the Chair. The available funds accrued also will allow the purchase a new state of the art bone densitometer with a number of useful additions such as being able to assess body composition. This should further consolidate our position as a regional referral center for osteoporosis, our teaching programs, and will increase the Center's competitiveness to attract funding for research purposes.

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

Teaching Program: The Chair is involved in teaching ETSU medical students, physicians in training, practicing physicians, nurse practitioners, and physician assistants. The Chair is developing a series of 5 recordings on various aspects of Osteoporosis. The chair is often invited by local organizations and the lay public to give lectures on the ageing process, diseases in old age, and how to maintain a healthy life. The Chair is often invited to participate in national and international educational programs.

Research/Publications Program: In 2018, the Chair has published the following manuscripts: 1 original, 1 editorial and 8 case studies in peer-reviewed medical journals. One other original manuscript "Sunlight accelerates vitamin D biodegradation" has been submitted for publication. The Chair is a member of the ETSU Institutional Review Board.

National and International Visibility: The Chair started the 2-year term as President, Geriatric Section, Royal Society of Medicine, England. The Chair is Editor-in-Chief, *Journal of Clinical Densitometry*, the official Journal of the International Society for Clinical Densitometry and voting member of its professional Board.

Recommendations to Enhance the Effectiveness of the Program

Expand work on vitamin D biodegradation and the osteoporosis program (clinical, research, and teaching) while maintaining high national and international visibility.

East Tennessee State University

James H. Quillen Chair of Excellence in Education

Status of the Chair of Excellence

Dr. Aimee Govett, professor of science education in the Department of Curriculum and Instruction (CUAI), acts as the current holder of the Quillen Chair of Excellence in Education. The Chairholder actively participates in the life of the campus by teaching one or two classes per semester, engaging in a progressive program of scholarship (particularly scholarship directed at the unique needs of our region), faculty mentoring, and grant-seeking activities.

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

Govett co-authored a Book Chapter, "Using Nonfiction Texts and Literature Circles to Rethink Science Learning" in collaboration with colleagues from Indiana University. (Chapter 9 from National Science Teaching Association (NSTA) Source Title: Handbook of Research on Science Literacy Integration in Classroom Environments © 2019) Govett also co-authored an article in an international peer-reviewed journal that highlighted a project-based learning lesson, developed and implemented by 5th grade teachers, which integrated science, mathematics, and English. This project also resulted in three professional conference presentations. Since fall 2014, Govett has been Co-Principal Investigator on four National Science Foundation (NSF) grants ("Science First"; "Northeast Tennessee Robert Noyce Scholarship Program" and "Virtual Ecology: An Inquiry-Based Online Learning Environment") as well as one THEC funded grant ("Incorporating Active Learning into Life Sciences Teaching"). Currently, Govett is Co-Investigator of an NSF grant "Noyce East Tennessee STEM Teacher Recruitment" awarded April 11, 2019 (\$1,198,971). Total grant funding awarded since tenure as Quillen Chair is \$5,482,072. As Quillen Chair, Govett hosted two renowned invited speakers, four research-based brown bag seminars, and various workshops, including one on Trauma Informed Care Training for Adverse Childhood Experiences (ACE's) and one on writing grants.

Recommendations to Enhance the Effectiveness of the Program

The Quillen Chair will:

- Recruit and supervise students majoring in Physics, Chemistry, Mathematics, Engineering Technology, and Computer Science for summer internships;
- Recruit and mentor students for Noyce Graduate Program Scholarships;
- Support and assist new Clemmer College faculty and students in developing research agendas and in submission of scholarly works;
- Develop and host an agenda for invited speakers, seminars, and workshops; and
- Continue to teach and serve Clemmer College as a graduate program coordinator and advisor for the MAT degree.

East Tennessee State University
LeeAnne Brown and ETSU Physicians & Associates
Chair of Clinical Excellence

Status of the Chair of Excellence

The *LeeAnne Brown 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, neurology, endocrinology, oncology and pharmacology. Dr. MJ Hajianpour is Professor and head of the Division of Medical Genetics/ Department of Pediatrics.

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

Dr. Hajianpour has been involved in the field of medical genetics for over 30 years. He came to ETSU from the University of Iowa, Division of Medical Genetics where he was an associate professor, providing clinical genetics and cytogenetics services. He was also the associate director of the Laboratory Genetics and director of cytogenetics fellowship program, which he developed. He previously served as medical genetics consultant to community physicians and Hospitals (Children's Hospital of Los Angeles, Huntington, etc.) in southern California. Dr. Hajianpour has established a comprehensive genetics program in East Tennessee since his employment at ETSU. Clinical research and publication are part of the program. Fellowship training in medical genetics and laboratory genetics will be developed, if feasible. ETSU Genetics is assigned as one of the follow-up sites for the State's Newborn Screening Program, now for all 66 disorders. He is on the Board of State's Genetics Advisory Committee.

Recommendations to Enhance the Effectiveness of the Program

- Provide educational genetics lectures to the community physician/health care providers.
- Develop dedicated ETSU/Genetics websites with on-line communication and service.
- Add Genetic Counselor/NPs/Nurses as services expand (two LPNs & two NPs are added).
- Add Medical/ Biochemical Geneticist with expansion of the program (needs funding).
- Conduct clinical research on patients seen at the ETSU/ Genetics (Completed on Autism).
- Start a clinical database: "Geographical Distribution of Genetic Disorders" for the East Tennessee region with gradual expansion: statewide, nationwide and worldwide.
- Follow State of Tennessee Genetic Advisory Committee guidelines to expand genetic services in East Tennessee in order to qualify for additional funding by 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, chair holder since 2006, is a Professor in the Department of Internal Medicine. He is Director of Scholarship for the Internal Medicine Residency and Fellowship Programs and leads the Oncology research efforts. In this role, the Chair has worked to support the departmental research activities, enhance collaborative research, supervise student learning in research, and enhance institutional recognition.

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

Dr. Krishnan has been involved collaboratively with laboratory and patient-centered research, providing opportunities and mentoring for trainees in the Department of Medicine and in the Quillen College of Medicine (QCOM) resulting in regional and national publications involving students, residents and fellows. Published papers reflect collaboration with the Department of Pediatrics at QCOM and the Gatton College of Pharmacy. The focus of Dr. Krishnan's laboratory research has been the study of mechanisms of cancer preventive drugs and thus contributing to the mechanistic development of these promising chemopreventives for clinical study. His current laboratory focus is on understanding the anti-cancer mechanisms of promising cancer preventive drugs like tocotrienols, statins and metformin. Unique mechanisms of action of tocotrienols, statins and metformin have been identified in the laboratory including modulation of the ceramide and sphingolipid synthesis, transport and distribution by tocotrienols and metformin (Palau VE, Chakraborty K, Wann D, Lightner J, Hilton K, Brannon M, Stone W, Krishnan K. *BMC Cancer*. 2018 May 16;18(1):564. doi: 10.1186/s12885-018-4462-y.). A new genetic variant of a rare platelet disorder, Hermansky-Pudlak syndrome, was discovered and fully characterized through collaboration with the Mayo Hematopathology and NIH (under review, *Am J Human Genetics*). His research efforts have led to several positive developments, improved the publication quality in the Department of Internal Medicine, fostering a multidisciplinary effort in Vitamin E research.

Recommendations to Enhance the Effectiveness of the Program

Expand publicity including dedicated ETSU websites detailing opportunities and activities. Create a University wide collaborative cancer research group. Continued work on cancer preventive drugs like tocotrienols and metformin. Expand scholarship and research opportunities to internal medicine residents, fellows and medical students in the College of Medicine.

East Tennessee State University

Wayne G. Basler Chair of Excellence for the Integration of the 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 1994-95 and named for a long-time university supporter. The Basler Chair of Excellence has been filled every year since 1996 with international-acclaimed scholars in fields ranging from art, music and theatre to mathematics, biology and astronomy, and 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. In spring 2019, Dr. Eric Avery, Emeritus Associate Professor of Medical Humanities at the University of Texas, served as the Basler Chair.

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

Dr. Avery holds a M.D. degree from the University of Texas, and is certified by the American Board of Neurology and Psychiatry. He retired from clinical practice in 2012 and has since held visiting artist positions at Princeton University, Louisiana State University, and the University of Texas Health Science Center at Houston. During his time as Basler Chair at ETSU, Dr. Avery taught or co-taught two upper level/graduate special topics courses, "Expanding the Boundaries of Relief Printmaking," and "Visual Communication and the Opioid Crisis." He presented lectures and workshops, and collaborated with individuals and groups in Art and Design, Theatre and Dance, and the Reece Museum in the College of Arts and Sciences, and with faculty and staff in the Colleges of Medicine, Pharmacy, and Public Health. In addition, Dr. Avery participated with organizations in Johnson City and Elizabethton, including the Insight Alliance of Washington County, Johnson City Syringe Exchange Program, and Carter County Drug Prevention and Red Legacy Recovery.

Recommendations to Enhance the Effectiveness of the Program

The rotating nature of the Chair allows ETSU to bring scholars from many fields to campus. The challenge is to fully integrate the chair into activities across the campus and into the community. Dr. Avery's visit to ETSU will serve as an outstanding example for future chairs.

Middle Tennessee State University, 2018-19

Chair of Excellence	Date Established	Chairholder
1) John Seigenthaler Chair of Excellence in First Amendment Studies	March 1986	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	Dr. Martha Jo Edwards
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	Dr. Charles Perry
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. Holly Spooner
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	Vacant since 2008
10) Joey A. Jacobs Chair of Excellence in Accountancy	June 2013	Mr. Tom Walker

Middle Tennessee State University

John Seigenthaler Chair of Excellence in

First Amendment Studies

Status of the Chair of Excellence

The John Seigenthaler Chair of Excellence in First Amendment Studies was instituted in 1986 to honor Mr. Seigenthaler's lifelong commitment to free expression values. The mission of the chair 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 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

The First Amendment Encyclopedia, which was launched in September 2017, continues to grow rapidly. By the end of the spring 2019 semester, 6,000 users a day were visiting the site and clicking on some of its more than 1,600 articles about the First Amendment. The encyclopedia is the largest and most comprehensive online resource devoted entirely to the First Amendment. Additionally, the chair has:

- Continued its Pulitzer Prize speaker series with three journalists speaking to several classes and in a forum open to the entire university about their work on the "The Wall," which won the 2018 Pulitzer Prize for Explanatory Reporting on the Mexico border wall.
- Partnered with journalism professor Leon Alligood on an advanced reporting class that gave journalism students hands-on experience covering the Legislature.
- Sponsored students in a for-credit traveling feature writing class in partnership with news organizations across the state.
- Supervised MTSU media students who produced coverage of the Bonnaroo Festival.
- Coordinated and hosted a Mock Interview Day for students with local high-level journalists and communications agency executives.

Recommendations to Enhance the Effectiveness of the Program

- Continue development of the First Amendment Encyclopedia, and expand educational resources and programming in coordination with the new Free Speech Center while also providing students with hands-on journalism experience.
- Launch the visiting scholar program in Fall 2019 in which a scholar/expert will produce a report on a current journalism issue and present it on campus to faculty and students. The report will increase the visibility of the chair's programs.
- Continue Pulitzer Prize lecture series and programs with plaintiffs who've won Supreme court cases on free expression

Middle Tennessee State University

The 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 which 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. Ambassador Joe M. Rodgers was the initial Chairholder from 1986-1999. Professor Aubrey B. Harwell, Jr. is the second and current Chairholder.

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

The Chair of Excellence, along with Murfreesboro Young Professionals, the Rutherford County Chamber of Commerce, and the Jennings A. Jones Chair of Excellence in Urban and Regional Planning, co-hosted a fall 2018 conference entitled “2018 Leadership Summit” at the Embassy Suites Hotel in Murfreesboro. The emphasis of this conference was on examining the attitudes and behaviors that characterize successful, innovative leaders and entrepreneurs, since entrepreneurship plays an important role in regional economic development. Keynote speakers included John O’Leary, author of the bestselling book, “On Fire: The 7 Choices to Ignite a Radically Inspired Life,” and Mel Robbins, another bestselling author who wrote “The 5-Second Rule.”

Jennings A. Jones College of Business honored Deborah Thompson, Vice President—Agency Sales for State Farm, with the Jennings A. Jones Champion of Free Enterprise Award. This award is presented to an individual whose achievements are in keeping with the highest traditions of the American system of free enterprise. Other honorees included: Murfreesboro Mayor Shane McFarland, recipient of the Joe M. Rodgers Spirit of America Award; Angie Grissom, Owner and President of the Rainmaker Companies, recipient of the Jones College Exemplar Award; and Brian Walsh, financial advisor for the Cunningham Financial Group, recipient of the Jones College Young Professional of the Year Award.

Recommendations to Enhance the Effectiveness of the Program

The Chair should continue the type of activities with which it has been associated since its inception and should look for opportunities to increase the number of such activities and visibility within our community and region.

Middle Tennessee State University

Carl Adams Chair of Excellence in Health Care Services

Status of the Chair of Excellence

The *Carl Adams Chair of Excellence in Health Care Services* provides a platform for Middle Tennessee State University to engage an interdisciplinary group of scholars, in partnership with the community and external funding sources, to forge solutions to current health care concerns. Dr. and Mrs. Carl Adams were particularly concerned with the quantity and quality of the health workforce, and MTSU's role is monitoring and stimulating the development of the workforce.

Dr. Martho Jo Edwards has held the Adams Chair of Excellence in Health Care Services since 1992, and until December 31, 2015 also served as a tenured MTSU graduate faculty member. She retired from the graduate faculty position, Professor Emeriti, and serves as the Adams Chair with a post-retirement part time contract, reporting to the Dean of the College of Behavioral and Health Sciences. As the founding Director of the Center for Health and Human Services (CHHS), and under her direction, the CHHS received funding for and managed projects totaling over ten million dollars. The CHHS is now managed through the College of Graduate Studies and the Office of Sponsored Research, and Dr. Edwards continues to provide guidance to the Centers funded projects.

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

In Dr. Edwards' post retirement status she continues to serve on many local and statewide committees and boards representing MTSU as the Adams Chair of Excellence in Health Care Services. Through collaborations and partnerships, she initiates, facilitates, and disseminates research and health-related information and provides outreach programs and projects designed to improve Tennessean's health, with a major focus on health workforce issues. She supports the deans and directors of Allied Health in Tennessee and published the 2019-2000 Allied Health Directory for the state. She also produces and distributes the Rutherford County Health Watch, and county-based snapshot of the county health issues supporting county agencies that work to improve the health status of the county. She serves on the Board of Directors for the Tennessee Center for Health Workforce Development and the Rutherford County Primary Care HOPE Clinic and the Tennessee Institute of Public Health. A recent trip to Kuwait afforded the opportunity to assess the impact of a major project with Kuwait University Faculty of Allied Health Sciences after 27 years. An unplanned consequence was that many of the student participants who came to MTSU continued their education, completed PhDs, and returned to join the faculty there.

Recommendations to Enhance the Effectiveness of the Program

Develop a plan for replacement of the Adams Chair after Dr. Edwards retires and continue to increase the visibility of programs sponsored by the chair.

Middle Tennessee State University

National HealthCare Chair of Excellence in Nursing

Status of the Chair of Excellence

Deborah Lee, PhD, RN, NBC-HWC, was selected as the NHC Chair of Excellence in Nursing and began serving in this role January 2019. The role and function of the Chair, in collaboration with the School of Nursing, and other segments of the university and NHC, is to influence and contribute to aspects of nursing education, practice, research and leadership in the State of Tennessee, particularly in the mid-state area, with regard to caring for the aging and older adult population.

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

In the first six months as Chair, Dr. Lee made significant progress bringing resources and opportunities for scholarship and partnership, not only to the School of Nursing, but other departments as well. She met with a variety of campus faculty and administrators and approximately 20 external partners. With insight from these engagements, Dr. Lee convened the Positive Aging Consortium to support and encourage collaborative, multidisciplinary opportunities for education, research and service that promote positive aging. Faculty representing various departments across three Colleges are represented on the Consortium. <https://mtsunews.com/positive-aging-consortium-launch/>

Within the School of Nursing, Dr. Lee established the Nursing Research and Scholarship Committee and in August, hosted a visiting nurse scholar for a workshop to support faculty in developing and submitting manuscripts for publication. Excellence in the classroom has been another area of focus. Dr. Lee partnered with the university EXL Scholars Program to update the School of Nursing offerings for students enrolled in this program and presented an MT Engage workshop during MT Engage Week in September.

Research activities include a consulting role for various grant proposals, including a federal grant addressing Tennessee children and youth with obesity. Dr. Lee was invited to participate with Vanderbilt School of Nursing faculty in a qualitative data analysis of standardized patients participating in a frail adult scenario.

Dr. Lee is a member of the Rutherford County Council on Aging and Tennessee Nurses Association (TNA). She participates in TNA District 15 meetings, and is a member of the Continuing Nursing Education Peer Review Committee. She is a member of the MTSU Sigma Chapter (International Honor Society of Nursing), Xi Alpha, and serves as secretary.

Recommendations to Enhance the Effectiveness of the Program

Through the work of the Consortium, Dr. Lee's vision is to develop a Center, or Institute, of Excellence for Positive Aging at MTSU.

Middle Tennessee State University Robert E. and Georgianna West Russell Chair of Excellence in Manufacturing

Status of the Chair of Excellence

The *Robert E. and Georgianna West Russell Chair of Excellence in Manufacturing* was founded to enhance the quality of manufacturing education, support the existing manufacturing concerns, and attract new manufacturing activity to the middle Tennessee region. The Chairholder is charged with continuously improving the image of MTSU and the industrial studies program; developing and maintaining adequate diversity in study areas to ensure a multidimensional student body in terms of experience, interests, and abilities; involving faculty members actively in industrial programs to ensure the continuous improvement of their cutting-edge skills and the relevancy and immediacy of the materials they impart to the student body; and making MTSU an institution of choice for those wishing to pursue excellence in manufacturing.

The Chair works with undergraduate and graduate programs to assist in the matching of students into the workforce by improving curriculum areas and increasing the dialog between industries and higher education regarding employment needs. The position was held by Dr. Charles Perry from March 2004 - June 2019.

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

Dr. Perry has continued development of his inventions under an exclusive license from MTSU for commercialization. Dr. Perry's unique dual stator radial flux motor for both D.C. Brushless and Switched Reluctance applications has been under development during the past year 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. Before his retirement Dr. Perry donated the dual stator magnetic force measurement system to the Engineering Technology Department. Dr. Vishwas Bedekar plans to use the fixture in his research and for the Computational Science Ph.D. program. Dr. Perry currently has six issued U.S. Patents and two pending. The yearly Intern Fair for connecting students to companies started by Dr. Perry has continued as a successful program. Dr. Perry was working on a research partnership with Nissan just before his retirement.

Recommendations to Enhance the Effectiveness of the Program

- Continue and expand research partnerships with Nissan and other companies focusing on developing series of small projects.
- Actively seek specific input and direction from leading industries on new degrees and programs for MTSU Engineering Technology students.
- The Russell Chair position should lead and mentor departmental faculty in proposing and obtaining external funding for research.

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 to build public awareness about dyslexia and promising approaches to identification and intervention; enhance the skills of teachers, school psychologists, and parents to effectively identify and assist dyslexic students and students who struggle to read; contribute to the research base that defines dyslexia, guides identification, and informs the content and strategies for effective instruction; improve knowledge and skills of educators through consultation and education; provide consultation services for TN school systems including teachers, school personnel, and families; establish and maintain a resource center, publicize the accomplishments of the Chair; develop and deliver curriculum for courses on effective ways to educate dyslexic children; and engage in research and support of other university faculty in their research activities. Dr. Timothy Odegard has held the Chair since November 2015. In addition, he holds an appointment as Professor of Psychology.

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

During his third full year as Chair, Dr. Odegard continued to positively impact initiatives outlined for the Chair. He led the efforts of the Center for Dyslexia to provide 8 targeted 1 to 2-day workshops on the MTSU campus that were attended by approximately 600 educators from 51 school districts from across the state, and the contents of these workshops were captured and shared through the Center for Educational Media's video systems. Additionally, he led the delivery of professional learning content in the area of dyslexia and reading instruction to approximately 1,100 educators through 24 in-service workshops provided by Center for Dyslexia professional staff across the state.

Dr. Odegard continued to lead research efforts focusing on the identification of individuals with dyslexia and reading difficulties, effective interventions for individuals with dyslexia and reading struggles, and teacher training. Additionally, he established an electroencephalography (EEG) laboratory and engaged MTSU students in conducting EEG research into reading disabilities. Dr. Odegard continues to engage in research service through his editorship of the research journal *Annals of Dyslexia*, as well as serving as an editor-at-large for the journal *Perspectives on Language and Literacy*, which focuses on translating emerging trends in research to educators.

Recommendations to Enhance the Effectiveness of the Program

In the upcoming year, the Chair will continue to lead the efforts of the Tennessee Center for Dyslexia to provide services to the state as described above. He will support the development of on-demand training in the area of dyslexia and reading through on-line training materials. He also will strive to increase and expand the ongoing research efforts associated with the Chair by securing external funding.

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 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 filled in August 2012 by Dr. Holly Spooner.

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

Dr. Spooner continues to be a leader in the field of equine science. She instructs several undergraduate and graduate courses in her area of equine exercise physiology as well as in equine event and facility management, and equine evaluation and selection. Dr. Spooner is the Graduate Director for the M.S. in Horse Science program and has chaired the graduate committees of 22 completed M.S. students to date. She also serves as an outside committee member for a PhD student at Michigan State University.

Dr. Spooner continues to have high research productivity. She investigates the use of new technology in the equine field, including vibration therapy for improving bone density in the equine athlete, as well as its influence on biomechanics. Dr. Spooner was one of the first to research underwater treadmill use in the horse. She is also conducting research into the influence of rice-derived products including investigating rice bran oil supplementation on oxidative stress, an industry funded project. Dr. Spooner has recently published research on the influence of long-term furosemide use in the horse. Dr. Spooner's students presented two talks at the 2018 International Conference on Equine Exercise Physiology in Lorne, Victoria, Australia in November, 2018, and seven research presentations at the 2019 Equine Science Society Symposium in Asheville, NC, including winning the student paper competition in Teaching and Extension.

Dr. Spooner also provides key industry leadership, serving on the Board of Directors of the Equine Science Society, as President of the TN Pony of the Americas Club, on the American Quarter Horse Association (AQHA) Equine Research Committee, treasurer of the Tennessee Stock Horse Association, and as a Director of the American Youth Horse Council. Dr. Spooner coaches the MTSU Horse Judging Team and frequently travels to Europe with MTSU students to conduct horsemanship clinics on behalf of the AQHA.

Recommendations to Enhance the Effectiveness of the Program

Dr. Spooner brings a solid background of teaching, research and industry outreach that continues to enhance the Chair. Additional corpus and/or interest would help with further research funding.

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 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. who has funded research projects, and discussion is under way for more studies. Dr. Haffner presented a paper at the American Association of Equine Practitioners meeting in December 2018. He has had two papers accepted for publication in the *Journal of Veterinary Diagnostic Investigation* based on funded research sponsored by Boehringer Ingelheim VetMedica. Dr. Haffner oversees all health programs for our equine herd at the Middle Tennessee State University 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. Due to his relationship with a prominent breeding farm, MTSU acquired a World Champion Tennessee Walking Horse stallion that is being used for breeding and teaching.

Additionally, Dr. Haffner brings an international connection as he travels to Mongolia to teach and conduct research. In July and August of 2019, Dr. Haffner took a teaching trip to Mongolia in accordance with a memorandum of understanding between MTSU and the Mongolian School of Veterinary Medicine where he holds a position of Adjunct Professor. He was recognized this year by the Mongolian Ministry of Agriculture for his work with Mongolian veterinarians and veterinary students over the last 20 years and was awarded the distinct honor of "Lead Professional of Agriculture and Food Industry," which is one of the highest awards granted by the Mongolian Ministry of Agriculture.

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

The Jennings and Rebecca Jones Chair of Excellence in Urban and Regional Planning was established to produce and disseminate information relevant to the planning needs of the mid-state region. 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.

The Chair currently does not receive sufficient annual earnings on its corpus to fund a full-time Chairholder and activities of significance. Therefore, the strategy is to utilize the chair funding for programmatic activities. The last Chairholder was the well-known architect, Earl Swensson (1999-2008).

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

The Chair of Excellence position has been vacant since 2008. Unspent recurring funds have been returned to increase the corpus and enhance the possibility of hiring and maintaining a new Chairholder and providing activities and programs for the Chair. In fall 2018, funds from the chair were used to co-sponsor the fall “Leadership Summit” conference (see description under Jennings A. Jones Chair of Excellence in Free Enterprise). Using the funds for this purpose was considered in keeping with the economic development mission of the chair in the words of Rutherford County Chamber of Commerce President Paul Latture: “A symbiotic relationship exists between new business development and regional planning. It would be impossible to execute a successful regional plan without taking new business growth into consideration. Putting strategic thought into the size and types of businesses that are established, and encouraging the formation and expansion of new businesses, are the ways a dynamic community flourishes.”

Recommendations to Enhance the Effectiveness of the Program

At this time, lack of recurring monies prohibits the hiring of a Chairholder. The Chair needs additional annual funding (a larger corpus and/or a higher earnings rate) to produce funding for a permanent chair and increased levels of appropriate activities.

Middle Tennessee State University

The Joey A. Jacobs Chair of Excellence in Accountancy

Status of the Chair of Excellence

The *Joey A. Jacobs Chair of Excellence in Accountancy* established to provide for national and international presence for MTSU in the field of accounting through support of the University's degree programs in accounting. The chair is to be a person widely recognized for expertise in the field of accounting. In April 2019 the University hired Thomas D. Walker, former managing partner of the Nashville office of Deloitte and an audit partner with that firm for 25 years. Walker held numerous other leadership positions within Deloitte and is experienced in the healthcare industry as well. He has been hired as a non-tenured track Professor of Professional Practice.

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

Although just beginning his position in April 2019, Walker has assisted in a number of classroom activities subsequent to that date in order to begin to become familiar with the classroom environment. He also assisted in the development and taught one session of the accounting department's annual alumni CPE update in April. Additionally, he has established the Business School and the Department of Accounting as a member of the Nashville Healthcare Council. He will begin teaching in fall 2019 with two course sections on Accounting Principles 2110.

Recommendations to Enhance the Effectiveness of the Program

The Chair was established to not only promote effective teaching by an experienced accounting professional but also to increase the prominence and practical effectiveness of University accounting graduates. The founder of the Chair is an experienced healthcare professional with the desire to positively impact the University's prominence within that industry as well as the student's preparedness and attractiveness to enter employment in the healthcare field.

Walker plans to work towards that goal by 1) developing a healthcare accounting and auditing program that can be offered to accounting students in their senior year and/or the graduate school level; 2) promoting the University through numerous events at the Nashville Healthcare Council as well as sponsorship opportunities at those events; and 3) working with the accounting department to enhance/expand CPE offerings in the area.

Tennessee State University, 2018-2019

Chair of Excellence	Date Established	Chairholder
1) Frist Chair of Excellence in Business	July 1992	Dr. Stephen B. Shanklin
2) Chair of Excellence in Banking and Financial Services	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 and is currently held by Dr. Stephen B. Shanklin. He has an active CPA certification in Tennessee and holds the CGMA certification from the AICPA and CIMA in Great Britain. Dr. Shanklin has published numerous refereed journal articles and conference proceedings and has also developed and edited the instructor materials and testing supplements for two editions of an Advanced Financial Accounting text currently in extended use.

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

Serving as the Frist Chair Professor, Dr. Shanklin continually seeks to capitalize on the dynamic economic growth of the greater Nashville area to produce opportunities for synergy in academic research that impacts accounting theory, practice, and professional accounting education simultaneously. Additionally, the Frist Chair focuses its efforts on nurturing the valuable relationships of the College of Business with core stakeholders in the accounting and business professions. Working collaboratively with the Howard University Center for Accounting Education and the KPMG Educational Foundation, a student professional leadership skills development symposium was conducted in spring 2019 in the College of Business. The symposium included distinguished presenters from Howard University, KPMG, and local CPA/consultants from the Nashville area. The event featured a full day of workshops and a professional panel addressing critical leadership and professional skills necessary for success in the accounting profession.

The Frist Chair of Excellence provided additional underwriting support in academic year 2018-2019 for the expansion of the Executive MBA program in the College of Business, as well as ongoing undergraduate scholarship grants for a select group of the student leaders participating Beta Alpha Psi, the International Accounting Honorary. With assistance of the Frist Chair, the TSU chapter of NABA (National Association of Black Accountants) participated in the Midwest Regional Conference focused on development of professional skills and networking opportunities leading to career options unavailable locally.

Recommendations to Enhance the Effectiveness of the Program

The Frist Chair of Excellence is currently funded from an accounting faculty position with earnings from the Frist Chair of Excellence Endowment being used to supplement the salary to an appropriate compensation level. This approach provides for the bulk of the endowment funding for student development programs and opportunities for better student professional placements upon graduation from the university. Additional future funding for the Chair is needed so that the number of students assisted can be increased to fully meet the needs of more students within the College of Business.

Tennessee State University

Chair of Excellence in Banking and Financial Services

Status of the Chair of Excellence

The *Chair of Excellence in Banking and Financial Services*, established in 1998, is designed to serve as a catalyst for enhancing the College's research as well as curriculum development in the area of banking and financial services. The chairholder was first filled by Dr. Jerry Crigger from August 2012 to May 2014 and then by Dr. LaVaughn Henry during fall 2018. As a distinguished practitioner with strong academic qualifications, Dr. Henry was identified to hold the Chair as an interim, part-time Executive-in-Residence. He is an Analyst in the Banking and Regulatory Policy Section at the FDIC and former Vice President and Senior Regional Officer for the Cincinnati Branch Office of the Federal Reserve Bank of Cleveland. Dr. Henry left the position of Interim Chair Holder at the end of the fall 2018 semester. The Chair was vacant during spring 2019. A search for a new Chair Holder will be conducted during the 2019-2020 academic year.

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

The Chair has continued to aid the College of Business in making a major impact on strengthening the banking and finance components of the College's curriculum, improving linkages with the banking profession, and recruiting more students with an interest in careers in banking and financial services.

Recommendations to Enhance the Effectiveness of the Program

The Chair is currently funded from a state faculty position with interest earnings from the Endowment being used to elevate the salary to an appropriate compensation level. This approach has necessitated using a departmental tenure track position budget line. Additional funding for the Chair is needed so that the faculty line can be released for other departmental teaching and research needs.

Tennessee Technological University, 2018-19

Chair of Excellence	Date Established	Chairholder
1) William E. Mayberry Chair of Excellence in Business Administration	1990	Dr. Curt W. Reimann
2) Jesse E. Owen Chair of Excellence in Emerging Technologies, System Management, IT Human Resources, and Strategic Management	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 development of quality and performance-management practices on behalf of the TTU College of Business, Tennessee Tech, and Tennessee. The Chair maintains active involvement and support for national and state programs via research and analysis, a Mayberry Lecture Series, graduate assistants, class participation, and bringing business and education leaders to TTU. Chair participants also collaborate with other COB and TTU units to promote use of modern performance-management practices in TTU and regional programs. Dr. Curt Reimann has served the university and college with distinction as the Mayberry CoE since 1996. Dr. Reimann expects to step down from the position June 2020.

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

Dr. Reatha Clark King, former President of Metropolitan State University and VP of General Mills delivered the Fall 2018 Mayberry Lecture and served as the keynote speaker at the first Women's Leadership Conference at Tennessee Tech. Dr. Reimann has provided input on experiential learning to the senior leadership of the College of Business. He provided input on MakerMinded and promotion of promising new careers in manufacturing, healthcare, and banking/financial services. Dr. Reimann continued serving in leadership roles in NIST National Programs: Baldrige and Manufacturing (Manufacturing Extension Program), the Baldrige Reimann Scholarship (Quest for Excellence Conference), and serves as Adviser to MEP Director on new directions in manufacturing research and information services and as Board VP for the Standards Alumni Association. The Mayberry Professor, Dr. Ramachandran Natarajan, presented a paper and organized a panel on "Engaging Industry for Active Learning." Dr. Natarajan also served as a session chair at the annual conference of the Indian Subcontinent Region of Decision Sciences Institute (ISDSI) and participated in the International Week at the Indian Institute of Management at Tiruchirappalli, India as a visiting faculty member. He serves on the board of ISDSI and APICS, the Association for Operations Management and the Tennessee Rehabilitation Services.

Plans for Fall 2019-Spring 2020

Ms. Katie Rawls, former president of Tennessee Center for Performance Excellence (TNCPE) is being considered for the Fall 2019 Mayberry Lecture speaker.

Recommendations to Enhance the Effectiveness of the Program

In light of the pending search and Dr. Reimann's illustrious performance and strong foundation, we recommend including project management as a primary area of expertise for the new chairholder.

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 teaching; and provide service to the university, and the profession. The current chair holder is Dr. Tor Guimaraes.

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

Dr. Guimaraes is the recipient of the prestigious 2018-19 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 IS top journals. 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. Below are some of the publications and presentations this year.

Selected Publications (2018-19):

- Guimaraes, T., Paranjape, K., and Walton, M., "An Expanded Model of Success Factors for NPD Performance" *International Journal of Innovation and Technology Management*, (accepted).
- Guimaraes, T., Caccia-Bava, M., and Geist, M., "The Moderating Effect of Organization Culture on Competition Intensity and Hospital Quality", *International Journal of Healthcare Information Systems and Informatics*, Vol.15 Issue 3, (2019), pp. forthcoming.
- Guimaraes, T., Guimaraes, V., and Caccia-Bava, M., "Human Factors Affecting HMS Impact on Nurses Jobs", *International Journal of Healthcare Information Systems and Informatics*, Vol.15 Issue 1, (2019), pp. forthcoming.

Presentations (2018-19):

- Guimaraes, T., Guimaraes, E., & Brandon, B., "Testing Some Special Cultural Traits to Banks' Ability to Innovate", Academic Business World International Conference, AIS, International, Nashville, TN.
- Guimaraes, T., Walton, M., & Armstrong, C., "A New Measure of Organizational Culture for Business Innovativeness in Practice", Academic Business World International Conference, AIS, International, Nashville, Tennessee.

Recommendations to Enhance the Effectiveness of the Program

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

University of Memphis, 2018-19

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 since Feb 2019
10) Sparks Family Chair of Excellence in Global Research Leadership	Dec 1996	Vacant
11) Sales and Marketing Executives Inc. Chair of Excellence in Sales	June 1986	Dr. Rajiv Grover
12) James T. Thompson Chair of Excellence in Accounting Education	Sept 1986	Vacant since 2011
13) Thompson-Hill Chair of Excellence in Accountancy	June 1986	Dr. Zabihollah Rezaee
14) Morris S. Fogelman Chair of Excellence in Real Estate	June 1986	Dr. Mark A. Sunderman
15) Wunderlich Chair of Excellence in Finance	March 1987	Dr. Thomas H. McInish
16) Chair of Excellence in Free Enterprise Management	June 1987	Vacant since Jan 2019

Chair of Excellence	Date Established	Chairholder
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. Sherry Lindquist
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	Vacant since 2017
22) Herbert Herff Chair of Excellence Biomedical Engineering (II)	March 1987	Dr. Gary Bowlin
23) Herbert Herff Chair of Excellence in Law	Sept 1984	Mr. Andrew J. McClurg
24) William A. and Ruth F. Loewenberg Chair of Excellence in Nursing	June 1988	Vacant since July 2019

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 Chair Holder.

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

Dr. Bar continues to teach at least two courses each semester. He wrote a book, *"Samson: Love, Betrayal, Violence, Riddles, Myth"* that was published in 2018 by Wipf and Stock Publishers and explores the biblical story of Samson. He is currently working on a new book, *"Isaac the Passive Patriarch"* which has been accepted for publication and will be available by the end of this year. He also wrote an article, "Saul and Jonathan" which was published in the *Jewish Bible Quarterly* earlier this year. Dr. Bar continues to represent the university on the worldwide stage as a leading scholar. He delivered a lecture in Poland titled *"Resurrection or Miraculous Cure?"* and he recently delivered a lecture at an international conference in Moscow titled "Traces of Incubation in the Old Testament". Dr. Bar has submitted two articles which are currently under review. "Saul & His Daughters" and "Samson's Riddle". As a continuation of his effort to reach out to the community, he organized a public lecture on the origin of Christianity as part of the efforts to build a vibrant religious studies program for the university.

Recommendations to Enhance the Effectiveness of the Program

Continue excellence in teaching, program leaderships, 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 of Chair of Excellence at the UM. Dr. Thomas Sutter, professor of Biological sciences and of Chemistry, is the current Chair Holder.

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

In 2018, Dr. Sutter continued his high national and international visibility and recognition as a teacher and researcher. Dr. Sutter has published 128 peer reviewed manuscripts, garnering more than 8000 citations. In 2018, he published five manuscripts, including the prestigious journal *eLife* and the top journal in the field of Dermatology. The findings reported in these two manuscripts are extremely important. The first represents the discovery the role of metabolic reprogramming in the regulation of epithelial cell differentiation. The second paper identified Nrf2 as a mechanism coupling metabolism and circadian rhythms. This research has far reaching implications for diet-induced obesity, aging and cancer.

In 2018, Dr. Sutter successfully completed year 2 of his \$1.6M, five-year NIHR01. This ongoing research investigates the contributions of early-life exposures to environmental pollutants to the risk of eczema, a serious skin disease that is common in children and predisposes them to allergy and asthma. His research is also supported by a gift from Dow Chemical. He is lead PI on an internal Research Investment Fund award in the amount of \$350,000. He submitted two new NIH R01 applications in 2018, with one project on the skin microbiome receiving notice from NIH of an R56 Award for High Priority Research. This project is co-led by Dr. Grice of the University of Pennsylvania.

In 2018, Dr. Sutter mentored 4 PhD students, two in Chemistry and two in Biology. His laboratory supported two undergraduate research rotations and a capstone science project of a Hutchison high school senior in molecular biology. He sponsored an application of a graduate student at the IUF-Leibniz Research Institute for Environmental Medicine, Dusseldorf, Germany. This student will conduct research in the Sutter lab during the fall 2019. Dr. Sutter also serves as the Director of the W. Harry Feinstone Center for Genomic Research. In this capacity he provides training and research support for UM faculty as well as others in the community. He is active on several university committees, editorial boards and societies.

Recommendations to Enhance the Effectiveness of the Program

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

University of Memphis

Jabie Sanford Hardin III Chair of Excellence in Combinatorics

Status of the Chair of Excellence

Established in 1993, the current *Jabie Sanford Hardin III Chair of Excellence in Combinatorics* is Dr. Bela Bollobas, professor of mathematics.

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

Selected Extended Visits for Research and Collaboration

- Thematic Program: organized and conducted a program for international research students entitled "Graph Theory", The Institute of Pure and Applied Mathematics (IMPA) Rio de Janeiro, Brazil, 16 January to 18 March 2018; conducted research forum and delivered lectures in other thematics programs, entitled "Graphs and Randomness" and "Random Graph Models and Processes"
- Visiting Researcher, IMT Institute for Advanced Studies, Lucca, Italy, 2 – 31 May 2018; gave short courses to international graduate students and postdocs, one entitled "Random Graphs and Bootstrap Percolation"

Selected Conferences and Seminars

- Keynote Speaker, 29th International conference on Probabilistic, Combinatorial and Asymptotic Methods for the Analysis of Algorithms, Uppsala, Sweden, 25-29 June 2018
Organizer, Combinatorics: Extremal, Probabilistic and Additive, A satellite conference of the International Congress of Mathematicians, University of Sao Paulo, Sao Paulo, Brazil 23-27 July 2018

Exchange Programs

Coordinated and sought out funding for informal exchanges whereby students from the University of Cambridge department of mathematics have come for extended visits to work with Memphis students and researchers, and my Memphis students have had similar extended visits in Cambridge, UK, Budapest, Hungary, IMPA Rio de Janeiro, Brazil and the Institute for Advanced Studies Lucca, Italy. Results from this productive, collaborative research have provided in many cases the foundation of dissertation work of recent graduates and have also allowed them to network for employment and funding opportunities.

Recommendations to Enhance the Effectiveness of the Program

Continue excellent publication, external funding record, and extensive speaking schedule thus providing the University of Memphis with international exposure.

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 English* was created in 1987 and had been vacant since May 2012. Dr. Santosh Kumar became Chair beginning in fall 2015.

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

Dr. Kumar is considered a founding leader in the rapidly growing research area called Mobile Health (mHealth), where mobile and wearable devices are used for monitoring and improving health, wellness, and work performance in the natural environment of human beings.

In 2018, he had three papers published in top-tier venues along with managing 13 grants worth \$25 million, including the MD2K Center and the \$4 million mProv grant. He has most recently received four new grants worth \$2.89 million. It includes a \$1.75 million CRI grant from NSF and a \$313k grant from NIH on opioid and pain detection that he is leading. Altogether, he is leading four grants (2 from NIH and 2 from NSF), worth \$17 million. Dr. Kumar organized a mHealth technology showcase at the NIH campus in Bethesda, MD that was attended by over 300 people from government, industry, academia, and non-profits. The event was hosted by MD2K and supported by UofM, NIH, and Vibrent Health.

Dr. Kumar was invited to participate in three high-profile national meetings. He was invited by Amazon's CEO to participate in his private meeting on machine learning, automation, robotics, and space (called MARS). They invite about 100 experts from around the world in these four areas to meet with the CEO and his senior leadership team for 3 days. He was invited to lead discussions at the Pharma foundation meeting to advise the Pharma industry on its use of mobile health in pharmacological development and the role of mHealth in upgrading the pharma regulations. The work of MD2K continues to receive wide coverage. MD2K has been covered in 126 media articles. MD2K software's deployment has now expanded further to include Johns Hopkins, making it 12 states. As part of the new CRI grant from NSF, MD2K software is now being revised for adoptions by the computing community. A personal edition was released at the mHealth tech showcase, an AWS cloud edition was released in Fall 2018 and a community edition that is modular and easily modifiable by CS grad students released in Spring 2019.

Recommendations to Enhance the Effectiveness of the Program

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

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, has been the current Chair holder since 2011.

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

Dr. Gallagher continues to maintain both a national and international recognition for his research. He just completed his 6-year tenure as an Anneliese Maier Research Fellow from the Humboldt Foundation. This prestigious grant to support his research, with some support for graduate students and postdocs, was extended to a sixth year and ended in May 2018. In addition, he holds an Honorary Professorial Fellowship on the Faculty of Law, Humanities and the Arts at the University of Wollongong (Australia) and an honorary professorship on the Health Sciences Faculty at the University of Tromsø (Norway). He continued as co-PI on an international research grant: "Minds in skilled performance," Australian Research Council (2017-19). He received the Global Philosopher Award which identifies him as one of 24 Top Working Philosophers by the Wenhui Forum and the World Congress of Philosophy, Beijing and Shanghai, China.

Professor Gallagher's publication rate has been exceptional. He co-edited a new book, *The Oxford Handbook of 4E Cognition* published this past fall (2018). His new book, *Action and Interaction*, is scheduled for publication in November 2019 at Oxford. In addition, in 2018 he published 12 journal articles (one a target article with 6 commentaries), a response and postscript; 12 chapters in collected volumes, and one encyclopedia entry. He has been cited over 23,000 times (according to Google Scholar).

He regularly receives invitations to participate in international, national, and regional conferences, workshops and research meetings. He presented his research at 25 conferences, workshop or university lectures in Asia, Australia, Europe, South American and North American; 8 of these were keynote or special public lectures. He continues to serve as Editor-in-Chief of the international and interdisciplinary *Phenomenology and the Cognitive Sciences* (ranked in the top 10 of philosophy journals based on H5-index) and is a member of several advisory boards. Dr. Gallagher also continues his work with students by supervising three dissertations and serving on several doctoral committees at Memphis and other universities.

Recommendations to Enhance the Effectiveness of the Program

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

University of Memphis

Lillian and Morrie Moss Chair of Excellence in 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 UofM, College, and Programs

Dr. Beck has maintained a position of national and international recognition within her field, participated in national, regional, and local professional organizations, and participated in decision-making processes on campus. Her work focuses on the emotional aftermath of trauma exposure, with a particular interest in dissemination of scientifically-based approaches to assessment and treatment within the community. Since joining the faculty at the University of Memphis, Dr. Beck has led the Athena Project, a research clinic for women with mental health needs in the aftermath of intimate partner violence (domestic abuse) that provides services to women in the greater Memphis community. The Athena Project provides a rich database for ongoing research and integrates research, service, and training for doctoral students in psychology. As well, Dr. Beck was awarded a subcontract with the City of Memphis, as part of a \$4M grant designed to improve services for rape victims.

Dr. Beck recently finished her term as Editor-in-Chief for *Clinical Psychology: Science and Practice* and is on the editorial board of five professional journals. She has provided grant reviews for several foundations in the past year. As well, she is an active contributor to the trauma literature and serves as a mentor for several early career professionals within the field. She actively supports students and has either been a chair or a member of numerous thesis or dissertation committees during her tenure at the University. In recognition of her scholarship, Dr. Beck was selected to participate in a symposium honoring a notable scholar and past president of the American Psychological Association at the 2018 annual convention. Dr. Beck's current focus has been the operation of a research clinic for women who have mental health needs in the aftermath of domestic violence. This effort, The Athena Project, includes extensive community outreach throughout the Memphis community.

Dr. Beck and her students are extremely active in outreach to numerous local and regional organizations, including the faith community, several area hospitals, and local grass-roots groups. She organized a domestic violence summit during the past year, which bridged the University of Memphis and Southwest Tennessee Community College.

Recommendations to Enhance the Effectiveness of the Program

Continue excellent research and service efforts, which bring national and international attention to the university.

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, a professor in the School of Communication Sciences and Disorders, is the current Chair Holder. He has held this position since January 2002 and has been remarkably productive during his time at the University of Memphis.

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

Dr. Oller maintains high national and international visibility and recognition as a teacher and researcher, serving as an invited consultant and collaborator on research regarding vocal development, evolution of language, and the detection of disorders of communication. The collaborations include 18 universities and research institutes in the US, Europe, and Asia. He is a member of the Scientific Advisory Board of the LENA Research Foundation in Boulder, CO, and a permanent external faculty member of the Konrad Lorenz Institute for Evolution and Sognition Research, Klosterneuburg, Austria, a think tank for research in theoretical biology. He provides exemplary service locally and nationally, serves as a 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). Dr. Oller has been funded at the University of Memphis continuously since 2004 under four major NIH grants (total > 10 million dollars). His current research grants from the National Institutes of Health (NIH) is expected to continue through 2021, and he is working towards a fifth proposal to NIH.

Since his hiring in 2002, Dr. Oller has spoken at 242 national and international conferences and has published 92 articles, and 4 volumes. During the past year (2018) he had 5 publications and 13 presentations. His citation reached more than 13,500 (on Google Scholar, and the past year yielded his highest yearly citation total (999).

Dr. Oller participates regularly in many university and school level committees including the University of Memphis Research Council, the Chairs of Excellence Committee, the PhD Policies Committee, and the Dean's Advisory Committee.

Recommendations to Enhance the Effectiveness of the Program

Maximize influence through junior faculty mentoring and continued PhD training. Continue accomplishing goals of Plough Foundation Grand and 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 Chair Holder.

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

Dr. Kemme maintains high national and international visibility and recognition as a teacher and researcher. He is regularly invited to make presentations and give workshops to policy makers and economic analysts at the highest levels in government, at leading academic institutions and professional conferences in the US and Europe. He recently conducted a project with the National Bank of Kazakhstan to implement a Forecast and Policy Analysis System. This then enabled bank management to introduce a new monetary policy, inflation targeting with a flexible exchange rate that positively improved the economic wellbeing of millions of people. He is currently working on a project focusing on illegal immigration from Guatemala. He continues to publish in leading scholarly journals and this year his paper on tax evasion via foreign portfolio investments through tax havens published in *European Financial Management*, a top European finance journal, won Best Article of the year award for the journal. His research has been translated and published in Armenian, Japanese, Polish, Russian and Ukrainian.

Dr. Kemme serves on the Editorial Board of the *Atlantic Economic Journal* and *Buletini Shkenco*, and serves as a general editor and member of the Scientific Committee of *European Journal of Comparative Economics*. He also continues as a member of the Executive Board of the European Association of Comparative Economics, the leading European association in the field of economic systems and is a member of the scientific committee of the journal *Economic Systems*. Dr. Kemme maintains an active research agenda focusing on issues in international economics and conducts joint research engaging economics and finance doctoral students and graduates. His work was presented at nine national and international venues including the Institute for European, Russian and Eurasian Studies at George Washington University. He has six projects underway all of which involve current graduate students or recent PhD graduates in economics or finance, with one paper recently accepted and four manuscripts under review, all at the revise and resubmit stage. He also regularly serves as a referee for leading journals and as an external reviewer for major research grants and promotion and tenure cases at other universities. Dr. Kemme now serves as a member of the Board of Trustees of the University of Memphis and is on the Governance and Finance Committee and he chairs the Research and Student Success Committee.

Recommendations to Enhance the Effectiveness of the Program

Maintain COE's 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, is the founding Chairholder and has 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. The university will begin the search process for this position.

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 has been vacant since 2005. The University's Chief Development Officer has been in contact with the donor who established the Sparks Family Chair of Excellence in International Business to seek her input and approval to revise and broaden the criteria for the Chair, which should provide a more comprehensive pool of applicants for the position and better meet the needs of the Fogelman College of Business and Economics. This Chair of Excellence was changed to the *Sparks Family Chair of Excellence in Global Research Leadership* and approved by the University Board of Trustees at the June 2019 meeting. The university will begin the search process for this position.

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* is held by Dr. Rajiv Grover who until May 2018 was concurrently the Dean of the Fogelman College of Business and Economics.

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

In addition to his duties as the Dean, Dr. Grover maintained a pretty active scholarship program. His *creative* scholarly output has particularly flourished in the last three years when he started developing content and technology to teach business to various audiences in a cost-effective and efficient manner. In particular, he has completed four integrative, comprehensive and self-sufficient online courses/ebooks:

- Virtual Business – Select (to be used as part of a Marketing Strategy/Management graduate course)
- Virtual Business - Small (equivalent to an introductory Business or Management course)
- Virtual Business – Entrepreneurship (for aspiring and budding entrepreneurs)
- Virtual Law (all the laws an average citizen should know)
- Virtual Business – Professional for Executive Education and Graduate Certificates

His work has been well received by universities and organizations. He is impacting the Memphis community by offering courses free to high-school students. He is working on educating adults who want to start minority-owned small businesses.

Dr. Grover is reaching out to at-risk and underserved populations through a variety of channels such as Operation Hope, College, Career and Technical Educators (TN Department of Education), Peer Power, State Penitentiary, etc. to educate free-of-cost traditional and non-traditional students. All University of Memphis students have used the simulation(s) free. He has offered Virtual Small Business courses during the last two summers to high school students through Peer Power. Dr. Grover has just completed writing the book, "All the Business your CEO would Love You to Know"

Recommendations to Enhance the Effectiveness of the Program

Maintain instructional contributions to the Department and Fogelman College of Business and Economics, work with PhD students, and continue professional service and outreach to the academic and professional community, and work to increase professional visibility in marketing publications to reflect Chair Holder expertise.

University of Memphis

James T. Thompson Chair of Excellence in Accounting Education

Status of the Chair of Excellence

The *James E. Thompson Chair of Excellence in Accountancy* was created in 1986. The Chair has been vacant since September 2011.

The University's Chief Development Officer contacted the donor who established the Thompson Chair of Excellence in Accountancy. Based upon the donor's input and the present and future needs of the College, a proposal was prepared in 2014 to modify the Chair's focus and emphasis and amend the original agreement. The new name of the position is the James T. Thompson Chair of Excellence in Accounting Education. That proposal was approved through President Rudd and the TBR Chancellor. The position description for this COE was appropriately revised and a search is now underway to fill this position with a senior faculty member with a strong record of professional accomplishments.

University of Memphis

Thompson-Hill Chair of Excellence in Accountancy

Status of the Chair of Excellence

The *Thomson-Hill Chair of Excellence in Accountancy* was created in 1986. Dr. Zabihollah Rezaee, professor of accountancy, is the current Chair Holder.

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

Dr. Rezaee continues to bring prestige and national/international recognition and reputation to the Thompson-Hill Chair of Excellence in all four categories of teaching, research, service, and outreach. He has developed several courses in the emerging accounting and business areas, including “Business Sustainability, Corporate Governance, Professional Ethics and Forensic Accounting”, taught at the MBA level at the University of Memphis and abroad. He has conducted more than six Online courses on Corporate governance, Business Sustainability, Audit Committees, Forensic Accounting, Financial Statement Fraud through the Illumeo and the World Continuing Education Alliance (WCEA). He has published 14 books including the seven books that were published in the past several years. His forthcoming textbook entitled *Business Sustainability, Corporate Governance and Organizational Ethics* is scheduled for publication in fall 2019. Dr. Rezaee is highly visible in the accounting academic community through his research publications and presentations at major professional organizations and workshops, nationally and internationally, in accounting with publications of more than 225 articles. During 2019, he has published six articles and done ten presentations in both the United States and around the world. He is currently ranked in the top ten percent of authors in SSRN by all-time downloads within the last twelve months.

Dr. Rezaee holds ten professional certifications in accounting including Certified Public Accountant (CPA) and served a two-year term on the Standing Advisory Group (SAG) of the Public Company Accounting Oversight Board (PCAOB) established by the Sarbanes-Oxley (SOX) Act of 2002 to regulate the accounting profession. He has served the larger professional community through his service on the editorial boards of 10 accounting and business journals, Guest Editor, *Sustainability Journal*, 2018-2019; the Editor of the *Journal of Forensic Accounting Research*, one of the journals of the American Accounting Association (AAA), 2019-2023. He has served as an expert witness in several court cases and testified before a federal judge in January 2019. He has received several research grants on cybersecurity, IT governance and diversity.

Recommendations to Enhance the Effectiveness of the Program

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

University of Memphis

Morris L. 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 Chair Holder is Dr. Mark A. Sunderman, professor of finance, insurance, and real estate.

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

Dr. Sunderman is nationally recognized for scholarship and service in the field and as an expert in online education. He is also considered the leading expert in property tax equity testing and measurement. He presented seven papers at regional and national meetings in 2018 and published ten journal articles in 2018, maintaining his continuing record of research productivity. His numerous research projects with doctoral students have consistently resulted in professional, paper presentation and/or publications.

Dr. Sunderman is highly respected in his field due to his outstanding professional service, as well as his leadership in the *American Real Estate Society* where he is on the Board of Directors, the Chair of the Technology Committee and the ARES Webmaster. He also serves on the editorial board for *Global Economics and Management Review*, *International Journal of Strategic Property Management* and is a member of the Academic Review Panel for the *Appraisal Journal*. He is on the *Research Subcommittee for the International Association of Assessing Officers (IAAO)*, the *Lambda Alpha International Student Association Executive Council*, and an Alternate Member of the *Tennessee Assessment Appeals Commission*. In 2018, he was named to the Board of the local chapter of Lambda Alpha International as the liaison to the University of Memphis.

Dr. Sunderman has played a leading role in the development of the department's online Bachelor of Business Administration degree program and provides expertise as a resource for other college online programs. He is active in the college's e-learn and technology committees and is the lead faculty member for the Professional Real Estate Certificate program.

Recommendations to Enhance the 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 current Chair Holder is Dr. Thomas McInish, professor of finance.

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

Dr. McInish continues to maintain national and international recognition as a top scholar in the discipline of finance. The Chair Holder maintains an active research program with more than a dozen projects in progress. These projects involve five current doctoral students, eight UoM doctoral graduates. Dr. McInish served as a Visiting Scholar at The University of Sydney for several years and continues to be invited to participate as a presenter at numerous academic conferences.

Recently, Dr. McInish published five co-authored articles, including one article in the leading finance journal and another in the leading market microstructure journal. Dr. McInish's work was presented at nine national and international venues, including presentations at the University of Sydney (twice), the Indian School of Business, the University of Wollongong, Nanyang Technological University, Singapore Management University, and the Federal Reserve Bank of St. Louis. He regularly reviews for international journals.

Dr. McInish serves as the PhD Coordinator for his department and serves on various committees across the university. Long recognized as one of the most prolific finance scholars in top journals, Dr. McInish continues to pursue research topics that are important to the field and have promise of future publications in leading journals.

Recommendations to Enhance the Effectiveness of the Program

- Maintain COE's national and international recognition
- Encourage formation of research teams with UoM faculty, external scholars, and PhD students
- Remove any restrictions on COE regarding research incentive programs for faculty
- Encourage COE participation in recruitment committees

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. Peter Wright, professor of management, retired from the University of Memphis in January 2019. The university will begin the search process for this position.

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. Dr. William J. Kettinger, of the Department of Business Information and Technology, retired from the University of Memphis in August 2018. The department conducted an extensive search and has selected Dr. Huigang Liang as the new Chair Holder. Dr. Liang's employment begins August 2019.

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 1998. The Chair Holder for 2018-19 was Dr. Sherry C.M. Lindquist. The Chair is a rotating position with a new Chair Holder each year. She is associate professor of Art History at Western Illinois University. Dr. Lindquist specializes in medieval and Renaissance visual culture with teaching and research interests in artistic identity, cultural exchange, gender, sexuality, monsters, theories of perception, illuminated manuscripts, late medieval Burgundy, Islamic art, early printing, medievalism, the social history of art, art historical method, and the history of museums.

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

Sherry C.M. Lindquist is co-author (with Asa Simon Mittman) of *Medieval Monsters: Terrors, Aliens, Wonders* (The Morgan Library & Museum in Association with D Giles Limited, 2018), as well as numerous articles and chapters in peer-reviewed journals and anthologies. She is also co-author (with Asa Simon Mittman) of a coloring book, *M is for Monster*, with illustrations adapted from medieval manuscripts and a glossary (Arizona Center for Medieval and Renaissance Studies, 2018). Lindquist is co-curator (with Asa Simon Mittman) of *Medieval Monsters: Terrors, Aliens, Wonders* (Morgan Library & Museum, June 8 – Sept 23, 2018; Cleveland Museum of Art, July 7 – October 13, 2019; Blanton Museum, Austin, October 27, 2019 – January 12, 2020). She has also curated *Monster Marks* (Art Museum of the University of Memphis, March 25 - July 23, 2018)

In addition to curating *Monster Marks* at AMUM, Dr. Lindquist has been working with Kevin Mireles, FedEx, and Talia Palacio, Shelby County Schools, to design a STEAM initiative that brings together engineering and art students and faculty from the University of Memphis with K-12 student and faculty from a Shelby County Schools to create interactive/kinetic art. The program is designed to prepare students for a world in which the lines between aesthetics and technology, critical and creative thinking, art and science, are increasingly blurred.

Recommendations to Enhance the Effectiveness of the Program

The Hohenberg Chair is typically an annual rotating appointment bringing in established scholars to teach and continue their research on our campus. However, this year's recipient declined very late into the search season. Dr. Lindquist has graciously agreed to step into the vacancy for an additional year.

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 Journalism* was established in 1995. It was established through an endowment from Helen and Jabie Hardin to emphasize instruction in newsroom and media management within the Department of Journalism and Strategic Media. Professor Otis Sanford, the current Chair Holder 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 UofM, College, and Programs

Professor Sanford brings a total of 44 years of professional journalism experience to his position as the Hardin Chair of Excellence in Economics/Managerial Journalism. He has held management positions at every level of a metropolitan newspaper, ranging from assistant city editor to managing editor, and finally as editorial page editor and director of the editorial board for the Memphis Commercial Appeal. In addition, he served as a weekly opinion columnist for the newspaper for 11 years. Since April 2018, he has provided daily political analysis and commentary for WATN-TV Channel 24 in Memphis, and before that he was the political commentator for WREG-TV Channel 3 for seven years. Professor Sanford incorporates that experience into his teaching of various courses, including Media Writing and Reporting at the undergraduate and graduate level, Opinion Writing and Reporting, Advanced Reporting, Survey of Media, and Media, Diversity and Society. Since joining the journalism faculty in 2011, he has sponsored the annual Norm Brewer First Amendment Lecture featuring nationally recognized media professionals. The 2019 Norm Brewer lecturer was former ESPN anchor Jemele Hill.

Last summer, Professor Sanford was instrumental in launching the Institute for Public Service Reporting in the Department of Journalism and Strategic Media. The institute produces high quality investigative and public service journalism that is published by the Daily Memphian. In addition, because of Professor Sanford's high media visibility in Memphis and the Mid- South, he continues to attract top local journalists to the campus, which is a huge benefit for our students.

Recommendations to Enhance the Effectiveness of the Program

- Continue a stellar record of local, regional and national advocacy of the First Amendment, public service and journalism excellence, while remaining a mentor for all students in the Department of Journalism and Strategic Media.
- Continue to participate in endeavors that place the UofM at the forefront of investigative and public service journalism in Memphis and the Mid-South.
- Continue to serve as faculty adviser for the student chapter of the National Association of Black Journalists and be a role model for young student journalists of color who are seeking professional careers in various forms of mass media.

University of Memphis

Lillian and Morrie Moss Chair of Excellence in Urban Education

Status of the Chair of Excellence

The *Lillian and Morris Moss Chair of Excellence in Urban Education* was established in 1991. Dr. Beverly Cross, professor of instruction and curriculum leadership, is the current Chair Holder.

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

Dr. Cross holds national recognition as an urban educator and researcher. Her national impact is evident through her engagement with AACTE, AERA, the International Conference on Education and Social Justice and NAME. She served as a national trainer for the Haberman Urban Teacher Selection Process and assisted Shelby County Schools with the Urban Principal Selection Process. She designed and obtained TBR approval for the Graduate Certificate in Urban Education, now recruiting its fifth cohort--the largest cohort to date. She has led these students in several research projects in collaboration with local non-profit organizations, and all program completers have been promoted to local education leadership positions. Dr. Cross provides extensive service to the university and to the community serving as qualitative methodologist on dissertations across the College of Education, contributor to the UM ACE program, and extending new collaborations in the education sector. She contributed extensively to the design of the River City Partnership, which is an innovative teacher preparation and professional development collaboration with SCS, the ASD and local charter schools that has been highly acclaimed on campus and in the community.

She recently published a book chapter in *Handbook of Critical Race Theory* and an article on teacher identity in the *International Handbook on Research in Teacher Education*. Dr. Cross serves as an evaluator for the Four-Year South City Choice Neighborhood HUD Grant. In addition, she is collaborating with the Loewenberg College of Nursing on a Pediatric Asthma Management Project now in its second year. Her research project with Shelby County Schools on the top two leading reading programs is now being used by principals to make curriculum decisions. Her study on professional learning coaches has been translated into a rubric to guide the work of these professionals in SCS. She was recently asked to complete an equity audit of SCS by a school board member, to serve on a policy committee to identify barriers to education reform and to serve as a fellow on a nationally funded program focused on parent and community engagement.

Recommendations to Enhance the Effectiveness of the Program

Continue active scholarship and regional/national impact. Dr. Cross was recently asked by the top national education publisher to lead a book writing project that describes the newly developed River City Partnership program.

University of Memphis Herbert Herff Chair of Excellence in Biomedical Engineering (I)

Status of the Chair of Excellence

The *Herbert Herff Chair of Excellence in Biomedical Engineering (I)* was established in 1987. Dr. Warren O. Haggard, the past chairholder, retired January 2017. The university continues to actively search for this position.

University of Memphis

Herbert Herff Chair of Excellence in 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 UofM, College, and Programs

Dr. Bowlin is a world-renowned expert and leader in the field of electrospinning of biomaterials for tissue engineering applications. Over the period of 2018-2019 he was the senior author on five journal articles and co-author on two additional articles with worldwide collaborators. The laboratory just surpassed a major milestone of over 10,000 citations (illustrating the tremendous global impact of his research). The laboratory presented 22 abstracts at the National Conference for Undergraduate Research, International Symposium on Neutrophils and the Biomedical Engineering Society (BMES). Eleven of these abstracts were presented by his undergraduate researchers at national and international conferences. Dr. Bowlin's laboratory has received funding from Memphis Institute for Regenerative Medicine (MIRM) to seed novel research efforts developing next generation vascular grafts with a process known as near-field electrospinning. A grant from the FedEx Institute for Technology is allowing further development of patent-pending CRISPR technology for applications in tissue engineering and wound healing. Finally, he continued research with two grants awarded from the National Institutes for Health (NIH) supporting his novel research on tissue regeneration template-neutrophil interactions. Dr. Bowlin has two U.S. patents granted and filed additional patent applications. The laboratory-derived technology licensed to SweetBio, Inc., a local startup company, just received FDA Clearance of their first product in May 2019 and continued sales of MELIMED (veterinary market).

Dr. Bowlin continued to serve as the Inaugural President for the International Society for Biomedical Polymers and Polymeric Biomaterials. He is also the secretary/treasurer and member of the Executive Committee for the International Society of Applied Cardiovascular Biology. He also serves on the national student affairs committee for BMES. He continues as an Associate Director for MIRM. He is currently serving on five journal editorial boards. He has also taught a graduate Tissue Engineering course and continued to teach the second semester Biomedical Engineering senior design undergraduate course. He also taught a Freshman Honors course on Tissue Engineering based on Marvel superheroes.

Recommendations to Enhance the Effectiveness of the Program

Dr. Bowlin will continue to submit numerous proposals to the NIH and NSF to continue to grow the research endeavors at the University of Memphis while at the same time striving to achieve excellence in scholarship that will have impact due to biomedical discoveries that lead 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. Andrew J. McClurg, J.D., professor of law, is the current Chairholder.

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

Professor Andrew J. McClurg is a nationally recognized scholar and teacher with substantial published works in the areas of legal education, firearms law and policy, privacy law, comparative law, wrongful death, logic and rhetoric, elder financial exploitation, health law, and products liability. He has received numerous awards for both teaching and research. Professor McClurg's new book, *Law Jobs: The Complete Guide*, will be published by West Academic Publishing in October 2019. Coauthored with Professors Christine Coughlin (Wake Forest) and Nancy Levit (UMKC), the book contains in-depth exploration of every legal job category and is based on extensive research and interviews with more than 150 lawyers. His law school prep book, *1L of a Ride* (West 3d ed. 2017), continues to be required or recommended reading at law schools throughout the country. Downloads of Professor McClurg's law review articles on the Social Science Research Network continue to place him in the top 10% of scholars worldwide across a wide array of disciplines. Many law schools, including the University of Tennessee, feature their faculty's SSRN download ranking on their websites as a reputational marketing tool. Professor McClurg's SSRN downloads are nearly three times the number of the next closest Memphis law faculty member.

According to Google Scholar, McClurg's scholarly articles have been cited in more than 1100 works, including, during 2019, by the leading U.S. treatises in tort law and products liability law and in many respected law reviews (e.g., Yale Law Journal). As with his SSRN downloads, citations of McClurg's work far exceed those of other Memphis Law faculty members (in several cases by a 50-1 or even 100-1 ratio).

McClurg serves as a developmental manuscript reviewer/peer reviewer for Cambridge University Press (world's oldest university press) and Oxford University Press (largest and second-oldest university press) on a by-request basis. He also continues to contribute to the national reputation of the University of Memphis through media interviews stemming from his scholarship, including, since his last report, interviews with National Public Radio and the PBS NewsHour. In addition to his regular courses, Professor McClurg continues to serve as the Faculty Advisor to the University of Memphis Law Review, the law school's student-run scholarly journal.

Recommendations to Enhance the Effectiveness of the Program

Continue to advance Professor McClurg's nationally recognized research agenda and consider means by which Professor McClurg can further enhance the program.

University of Memphis
William A. and Ruth F. Loewenberg Chair in Nursing

Status of the Chair of Excellence

The *William A. and Ruth F. Loewenberg Chair in Nursing* was endowed in 1988. Dr. Marcy Purnell, the past chairholder left the University in July 2019.

University of Tennessee Chattanooga, 2018-2019

Chair of Excellence	Date Established	Chairholder
1) Unum Provident Chair of Excellence in Applied Mathematics	1986	Dr. Jin Wang
2) SunTrust Bank Chair of Excellence in Humanities	1986	Dr. Carl Springer
3) Walter M. Cline, Jr. Chair of Excellence in Physical Therapy	1987	Dr. David Levine
4) Burkett Miller Chair of Excellence in Management & Technology	1985	Dr. Ahad Nasab
5) Chair of Excellence in Judaic Studies	1987	Dr. Irven Resnick
6) Clarence E. Harris Chair of Excellence in Business and Entrepreneurship	1987	Dr. Thomas Lyons
7) George R. West, Jr. Chair of Excellence in Communication & Public Affairs	1986	Dr. David B. Sachsman
8) J. Burton Frierson Chair of Excellence in Business Leadership	1987	Dr. Mark Mendenhall
9) Lyndhurst Foundation Chair of Excellence in Arts Education	1988	Vacant since 2013
10) O. D. McKee Chair of Excellence in Learning	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 a grant from NSF: Interdisciplinary math training, \$500,000.
- Co-PI on a math REU grant from NSF, \$282,659.
- Co-PI on a computational math grant from NSF, \$125,000.
- Co-PI on a THEC-CEACSE grant for polymer computation, \$99,941.

Publications (2018-19): 6

Presentations (2018-19)

- 3 invited seminar/colloquium presentations at other universities
- 1 invited presentation at a national conference

Graduate Students Supported (2018-19): 2

- Chayu Yang, Conrad Ratchford

Faculty Mentoring or Other Active Collaborations:

- Extensive interdisciplinary collaboration with UTC faculty from mathematics, statistics, biology, computer science, engineering, and the SimCenter
- Active research collaborations with Johns Hopkins, UVA, UTK, NC State, RPI, Texas Tech, Washington State, Old Dominion, as well as several international institutions

Other Evidence of Impact on the Institution:

- Served on seven department and university committees during 2018–2019
- Served as an internal grant reviewer for UTC Office of Research and Sponsored Programs
- Served as a grant reviewer/panelist for several national funding agencies, NSF and NIH in particular
- Strongly supported the development of the new concentration (Computational and Applied Mathematics) within the Computational Science PhD at UTC
- Directed 4th annual I-Math Summer Camp for area high school students at UTC

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue working closely with colleagues within and outside the math department to develop/implement a new, interdisciplinary math education and training program.
- Continue serving UTC through committee work in faculty hiring, student recruitment and supervision, scholarship and curriculum development.
- Continue promoting research collaboration between UTC and other institutions.
- Continue supporting the new Ph.D. concentration in Computational and Applied Mathematics that officially started in Fall 2017.

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 has written extensively on Martin Luther's relationship with the classical tradition.

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

Publications (2018-19):

- Book review in *Lutheran Quarterly* of Mark Mattes, *Martin Luther's Theology of Beauty*
- Note: My book *Cicero in Heaven: The Roman Rhetor and Luther's Reformation* (St Andrew's Studies in Reformation History; E.J. Brill, 2017) was given an "Award of Commendation for Major Publication" by the Concordia Historical Institute in 2018

Scholarly Presentations (2018-19):

- Conference (invitation) at the University of Wuppertal in Germany
- Conference "Lutheranism and the Classics V" at Concordia Theological Seminary

Evidence of Impact on the Institution:

- Taught Classical Mythology and Humanities seminar on Humor, supervised Senior Capstone Seminars, and advised approximately 20 Humanities majors and served as Coordinator of Humanities Program (International Studies and Liberal Arts); coordinated self-study of Humanities Program for Program Review
- Received Service Award for contributions to the Humanities from the College of Arts and Sciences, served as Member of Concordia Historical Institute Award Committee, and Wrote book endorsements for two publishers
- Served as Vice-President and Member of Executive Board for *Institutum Lutheranism Classicumque*
- Presented "The Old Lie: WWI Poetry and the Classics" as part of a panel for UTC commemoration of WWI and participated in panel on "Dollars and Sense: The Value of a Liberal Arts Education"
- Sponsored campus visits by poet Ed Hirsch and *Tres Vidas*

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue to contribute as a teacher and advisor to the Humanities Program at UTC
- Complete first draft of book on Luther and Rome
- Participate as a faculty leader in "Take Five," book club sponsored by English Dept.
- Present paper at annual meeting of Society for Classical Studies
- Present paper at annual meeting of Sixteenth Century Society and Conference

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 1989. Dr. David Levine, PT, PhD, DPT, Diplomate ABPTS (Orthopaedics), CCRP, Cert. DN, 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 100 publications and 4 textbooks as primary author and editor. He is a Catherine Worthingham Fellow of the American Physical Therapy Association, 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 HealthySole®, LiteCure LLC, Tennessee Physical Therapy Association, and private donations.

Publications (2018-19): 14 (One book as editor, six publications in refereed journals, seven book chapters).

Presentations (2018-19): 8 scholarly presentations given at three professional meetings.

Graduate Students Mentored (2018-19): Currently mentoring 13 doctoral students, one medical resident, one veterinary resident, and numerous UG students.

Faculty Mentoring or Other Active Collaborations:

- Regularly assist partnering medical facilities and UTC/UTK/UTCOM 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, Aug 2020, Cambridge University, Cambridge England, and was manuscript reviewer for 11 journals (editorial board member for two).

Other Evidence of Impact on the Institution:

- Served on five UTC Committees, including the Honors College Advisory Board and as Chair of the RTR Committee for two departments. Chaired multiple faculty searches in 2018-2019.

Recommendations/Goals to Enhance the Effectiveness of the Program

- Begin revisions on 2 textbooks as editor and primary author, Whittles Gait Analysis, 6th Edition, and the 3rd edition of Canine Rehabilitation and Physical Therapy.
- Continue and expand multi-disciplinary research and collaborative efforts: active research collaborations with UC Davis, Midwestern University, Auburn University, University of Central Lancashire, and the University of Vienna.

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:

- Major curriculum, admission, and advising changes were implemented in all degree programs offered by the department. College advisors indicate that it has impacted enrollment and retention.
- Sixteen official industry visits were made to initiate applied research and student project collaboration. We have received \$150K donation in Robotic Simulation software from ABB. We received \$45K in kind donation from SMC for Mechatronic modular Manufacturing system.
- Major improvements were made in the quality of the online courses offered by the department and have hired a third-party company to assist with marketing and recruiting.
- Established strong relationship with surrounding community colleges through 2+2 articulation agreements. To date, we have signed official MOUs with Chattanooga State, Columbia State, Cleveland State community colleges, as well as Dalton State College, and Covenant College.
- Initiated educational and training collaboration with VW and DENSO companies. We hope to expand these activities.
- Served as a member on the Chattanooga City Mayor's office of Workforce training. Dr. Nasab has proposed a UTC-based week-long training course to help workers with the transition into a highly professional and technical environment.
- Visited Ostfalia University (Germany) along with six engineering students to initiate a sustainable student exchange program between the two colleges.

Research and Publications: The department faculty and the Chairholder authored grant proposals totaling more than \$1.6M. Two proposals totaling \$250K were funded.

Recommendations/Goals to Enhance the Effectiveness of the Program

- Expand the role of UTC on the workforce development in Hamilton County area through collaborative projects with local industries.
- Secure funding for establishment of laboratory equipment for the Mechatronics program
- Work with local community colleges to streamline transfer programs
- Initiate efforts to improve the Engineering and Construction Management online degree programs

University of Tennessee Chattanooga

Chair of Excellence in Judaic Studies

Status of the Chair of Excellence

Effective August 1990, Dr. Irven M. Resnick became the Chairholder 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 (2018-2019): Three refereed articles and one co-edited book, *Jews and Muslims under the Fourth Lateran Council*.

Presentations (2018-2019): Presented "The Blood cries out...': 13th-Century Ritual Murder Narrative(s) and Anti-Jewish Polemic" and chaired one session at the International Medieval Congress in Leeds, UK (July 2018).

Respondent for session on Medieval Jewish Life, Sewanee Mediaeval Colloquium, University of the South (April 12, 2019)

Other Evidence of Impact on the Institution:

- Continued a fifth three-year term as a senior associate at Oxford (University) Centre for Hebrew and Jewish Studies. Continued collaboration with I-CORE: at Ben-Gurion University of the Negev (Israel; 2012-); Associate, the University of California Mediterranean Studies Multi-Campus Research Project and the University of Colorado Mediterranean Studies Group (2014-)
- Founding President of the International Albertus Magnus Society; UTC Study Abroad Liaison to Haifa University
- Consultant and Manuscript Reviewer for four academic publishers and nine journals
- Grant reviewer for the National Endowment for the Humanities and the Swiss National Science Foundation; External Thesis Examiner, Kenyon College (May 3-5, 2019); and External Examiner, Promotion and Tenure, for Boston College and Rutgers University

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals (2019-2020):

- Completion of Albert the Great, *On the Resurrection*, trans. Irven M. Resnick and Franklin Harkins. Under contract to the Catholic University of America Press.
- Progress toward completion of *Albertus Magnus and the Science of Nature*, under contract to Reaktion Press, UK.
- Invited Presenter, "Thirteenth-Century Parisian Christian Scholars on Circumcision, the Old Law, and Jews," *Thinking with and Against Jews. Christian Understandings of the Old Law, 1100-1500*, Queen Mary, University of London, November 6-8, 2019.
- Make Presentation and Organize and chair several sessions at the International Medieval Congress in Leeds, UK (July 2019)
- Continue to expand UTC library's Judaica holdings.

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 (2019-2020): Anticipate publishing two peer-reviewed articles in entrepreneurship and economic development-related journals and completing the Third Edition of *Understanding Social Entrepreneurship*, a textbook coauthored with Dr. Jill Kickul of the University of Southern California. In addition, anticipate publishing a co-edited Special Issue of the *Entrepreneurship Research Journal* on university-based venture development organizations.

Presentations (2019-2020): Anticipate presenting at the Conference on Social Entrepreneurship at Indiana University in November 2019 and the Kentucky Small Business Development Center (SBDC) Network meetings in Lexington, KY in December 2019.

Other Evidence of Impact on the Institution:

- Continue as Co-Editor of the *Entrepreneurship Research Journal*
- Continue research on the definition, measurement and development of entrepreneurship skills with colleagues from the University of Chicago, Advanced Metrics, and elsewhere
- Collaborate with the Chattanooga Entrepreneurial Ecosystem
- Provide leadership for building out the programming for the Center for Innovation and Entrepreneurship (CIE) in the Rollins College of Business at UTC
- Teach two courses for the Department of Marketing & Entrepreneurship at UTC
- Provide leadership for the UTC Entrepreneurship Hall of Fame (2020) nomination process

Recommendations/Goals to Enhance the Effectiveness of the Program

- Pursue cross-disciplinary collaboration for research at UTC
- Pursue financial support for CIE and its programs
- Build stronger relationships with Entrepreneurship Support Organizations (ESOs) and economic developers in the Chattanooga region
- Work to promote UTC as a future host of the Conference on Social Entrepreneurship, an international gathering of scholars and practitioners in this field

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 26th annual meeting last fall.

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

Active Grants and Other Sources of Funding:

- The Walter and Leona Schmitt Family Foundation gave the UC Foundation its ninth annual donation (\$4,000) to permanently support endowing a research fund to provide financial support for the West Chair's Symposium.
- The estate of Hazel Dicken-Garcia donated \$33,000 for the creation of a named permanent endowment in support of the West Chair's Symposium.
- Dr. Sachsman has signed over the royalties from these books to UTC.

Publications (2018-2019):

- Sachsman, D. B., Borchard, G. A. (editors) with Lisica, D. *The Antebellum Press: Setting the Stage for Civil War*. New York and London: Routledge, paperback June 24, 2019, hardback July 2, 2019.
- Review of *Kentucky's Rebel Press: Pro-Confederate Media and the Secession Crisis* by Berry Craig for *The American Historical Review*, Vol. 24, No. 2 (April 2019).

Presentations (2018-2019): two presentations at the Symposium on the 19th Century Press, the Civil War, and Free Expression, November 8-9, 2018

Other Evidence of Impact on the Institution:

- Hosted a Symposium in November that included 38 speakers from across the nation delivering 39 refereed and invited papers and presentations.
- Managing editor of the quarterly, peer-reviewed *Applied Environmental Education and Communication: An International Journal*, which is published by Taylor & Francis.
- Member of the editorial board of *Mass Communication and Society*, Taylor & Francis.

Recommendations/Goals to Enhance the Effectiveness of the Program

- Plan the 27th annual Symposium on the 19th Century Press, the Civil War, and Free Expression, which will be held in November 2019.
- Edit the 240,000-word, 37-chapter *Routledge Handbook of Environmental Journalism*.
- Work on a chapter on "The 19th Century American Press" for *The Cambridge History of American Popular Culture*.
- Work on a new book project called *Endangered Species and Us: Environmental Communication, Public Opinion, and Public Policy*.
- Work on a series of new books arising from the Symposium.

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

Dr. Mendenhall is actively involved in the planning, administration, teaching, and marketing of the Rollins College of Business Executive Education Program. He has coached a number of local executives to enhance their leadership skills during this past year. He also is actively engaged in international research with scholars from Europe, which has the effect of enhancing the reputation of UTC and the College across the globe.

Publications and Presentations: Dr. Mendenhall is co-editor of the volume, "Advances in Global Leadership" and as well as editing this volume during the past year, he also published four chapters in scholarly books and co-authored a paper presentation which was awarded a "Best Paper Award" By the Irish Academy of Management.

Faculty Mentoring or Other Active Collaborations:

Dr. Mendenhall engaged in a formal coaching process with all of his Executive Education, MBA, and undergraduate students throughout the length of their programs/classes on a weekly basis for the development of their leadership skills. In addition to working with other faculty in the College on research projects, he is also a leader of a research team on responsible global leadership that is constituted of North American and European-based scholars on a book project that is under contract by Routledge Publishers.

Other Evidence of Impact on the Institution:

- Last year his past research output led to being listed as one of the 100 most influential human resource management scholars in an analysis published by the journal, *Academy of Management Learning & Education*.
- On June 24, 2019 Google Scholar announced that his research contributions were the most read contributions from UTC.
- Member of the advisory committee of local business leaders for the Executive Education Program for the Rollins College of Business.

Recommendations/Goals to Enhance the Effectiveness of the Program

- Maintain quality curriculum and delivery of the Executive Education Program and expand its outreach into the local business community.
- Continue to collaborate with other UTC faculty and researchers from outside UTC on scholarly and practitioner-oriented projects.
- Complete work on the book "Responsible Global Leadership: Dilemmas, Paradoxes, and Opportunities".

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. The Chair has been vacant since 2013, and recent searches have been unsuccessful in filling the position. During the 2018-2019 year, Interim Provost George Hynd reassigned the Chair to reside under the College of Health, Education and Professional Studies (CHEPS). During 2019-2020 the CHEPS Dean will facilitate filling this position with an emphasis on cross-sector impact in arts, education, and healthcare. This will provide the university an opportunity to collaborate with an expert bringing a strong track record facilitating interdisciplinary programs where the arts serve as a catalyst for impacting needs in education and healthcare - two major areas housed under CHEPS.

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 three publications and two professional presentations in 2018-2019. He served as chair for two doctoral dissertations. He also served as a member of a dissertation committee at the University of Wollongong, Australia. He directed one graduate-student research project, and taught two graduate courses in School Psychology in 2018-2019.

Faculty Mentoring or Other Active Collaboration

- Ongoing collaboration with Hamilton County School personnel, UTC faculty, and graduate students in providing interventions for low-functioning
- Ongoing collaboration in research and conceptual development between the Chairholder and faculty from at least 8 institutions across the U.S.
- Conducted two McKee Learning Lunches to discuss critical issues that are impacting the Chattanooga community.

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*
- Appointed to the Hamilton County Department of Education's Equity Taskforce.
- Appointed to the Chattanooga 2.0's Hamilton County Inclusive Education and Opportunities Action Team.
- Served as an advisor to the Forest School Teacher Institute, centered in Chattanooga.
- Invited by Corwin Publishing to serve as a reviewer of books submitted for publication.
- Served as reviewer for various journals.
- Continued collaboration with the Chattanooga Chamber of Commerce relative to Education 2.0 and Talent Development

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals and Plans (2019-20)

- Further development and application of incremental rehearsal as a learning tool and an instructional strategy.
- Host at least two McKee Learning Lunch series events per academic year.
- Work with local schools to provide public-school laboratory settings for school-psychology students to engage in effective instructional interventions.

Long term Goals

- Expand the McKee Learning Lunch Initiative to include community involvement.
- Expand the operation of the McKee Chair in both research and application domains.

University of Tennessee Health Science Center, 2018-19

Chair of Excellence	Date Established	Chairholder
1) Crippled Children's Hospital Foundation Chair of Excellence in Biomedical Engineering	1986	Vacant
2) E. Erick Muirhead Chair of Excellence in Pathology	1986	Dr. Lawrence Pfeffer
3) Federal Express Chair of Excellence in Pediatrics	1987	Dr. John Bissler
4) First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics	1987	Dr. P. David Rogers
5) Goodman Chair of Excellence in Medicine	1989	Dr. Arnold Postlethwaite
6) Harriet S. Van Vleet Chair of Excellence in Biochemistry	1985	Vacant
7) Harriet S. Van Vleet Chair of Excellence in Pharmacology	1985	Dr. Burt M. Sharp
8) Harriet S. Van Vleet Chair of Excellence in Virology	1985	Dr. Colleen Jonsson
9) Harriet S. Van Vleet Chair of Excellence in Microbiology and Immunology	1985	Dr. Terrance Cooper
10) J. R. Hyde Chair of Excellence in Rehabilitation Engineering	1987	Dr. William M. Mihalko
11) Le Bonheur Chair of Excellence in Pediatrics (1 st chair)	1986	Dr. James W. Wheless
12) Le Bonheur Chair of Excellence in Pediatrics (2 nd chair)	1989	Vacant
13) Mark S. Soloway Chair of Excellence in Urology	1992	Dr. Robert W. Wake
14) Maury W. Bronstein Chair of Excellence in Cardiovascular Physiology	1988	Dr. Jonathan H. Jaggar

Chair of Excellence	Date Established	Chairholder
15) Plough Foundation Chair of Excellence in Pediatrics	1986	Vacant
16) Semmes Murphey Chair of Excellence in Neurology	1987	Dr. Andrei Alexandrov
17) Thomas A. Gerwin Chair of Excellence in Physiology	1987	Dr. Zhongie Sun
18) University of Tennessee Regional One Physicians Chair of Excellence in Obstetrics and Gynecology	1986	Dr. Giancarlo Mari
19) William and Dorothy Dunavant Chair of Excellence in Pediatrics	1987	Dr. Jonathan McCullers

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

Status of the Chair of Excellence

Established in 1986, *Cripple Children's Hospital Foundation Chair of Excellence in Biomedical Engineering* is currently vacant. The last Chairholder was Dr. Frank DiBianca.

The Chancellor/Executive Dean of the College of Medicine is actively looking at a possible candidate to hold the Cripple Children's Hospital Foundation, Chair of Excellence in Biomedical Engineering. It is anticipated that this Chair of Excellence will be filled in 2020.

University of Tennessee Health Science Center E. Eric Muirhead Chair of Excellence in Pathology

Status of the Chair of Excellence

Dr. Lawrence Pfeffer serves as the Chairholder of the *E. Eric Muirhead Chair of Excellence in Pathology*. His research focus is on identifying the role of dysregulated miRNAs, and of dysregulated signaling pathways in cancer stem-like cells in the therapeutic resistance of cancer.

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

Active Grants and Other Sources of Funding:

- West Clinic Research Grant - "APELA as biomarker and therapeutic target in glioma"
- Co-Investigator on a funded grant with Dr. Junming Yue on ovarian cancer.
- Co- Investigator on a funded grant with Dr. Nicholas Laribee Yue on epigenetic signaling in glioma.

Publications (2018-2019): 9

Presentations (2018-2019):

- Keynote presentation at UT-Knoxville Cancer Symposium
- Stephenson Cancer Center Excellence in Cancer Research Seminar

Graduate Students Mentored (2018-2019):

- Debolina Ganguly is performed her thesis research in Dr. Pfeffer's laboratory with a focus on the role of STAT3 phosphorylation events and the BRG1 chromatin remodeling subunit in the cancer phenotype of glioblastoma cancer stem cells.
- Dr. Pfeffer also typically serves on ~7 graduate students' thesis committees.

Faculty Mentoring or other collaborative activities:

- Mentoring faculty in the Cancer Research Building by critiquing their grant applications, providing guidance on research projects, reviewing manuscripts, etc.
- Submitted collaborative grants with other UT and UTHSC investigators.

Other Evidence of Impact on the Institution:

- Vice-Chair of Research in the Department of Pathology
- Director of the Division of Experimental Pathology
- Scientific Director of the Center for Cancer Research
- President of the COM Dean's Faculty Advisory Committee

Recommendations/Goals to Enhance the Effectiveness of the Program

- Develop Centers of Excellence in adult brain cancer research at UTHSC.
- Develop collaborative projects within the Cancer Research Building to be poised for program project funding in two to three select focus areas.

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 Tuberous 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.

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 (DUETY)" \$297,230
- DoD (Principal Investigator: Bissler). "Prevention of TSC Renal Disease" \$300,000

Publications (2018-2019): 7

Presentations (2018-2019): 9

Graduate Students Mentored (2018-2019): 1

Faculty Mentoring or other collaborative activities:

- Mentoring James Atherton, MD. He has received his Master's degree in biomedical engineering and is now a graduate student pursuing his PhD.

Other Evidence of Impact on the Institution:

- Provides patient care locally and internationally

Recommendations/Goals to Enhance the Effectiveness of the Program

- Submit at least three grant applications again this year.
- Recruit at least one additional TSC researcher to the Center of Excellence. We successfully recruited one researcher, but the university could not honor the commitment due to timing, and therefore we are again looking for another investigator.
- 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.
- Explore expanding Telehealth to additional sites in Eastern Tennessee for Pediatric Nephrology. We propose to continue this activity. We have an excellent contract with the Erlanger Hospital System in Chattanooga, and we would like to also do the same for Knoxville.

University of Tennessee Health Science Center

First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics

Status of the Chair of Excellence

Since 2006, Dr. P. David Rogers has served as the Chairholder of the *First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics*. He serves as vice-chair for research and director of clinical and experimental therapeutics in the Department of Clinical Pharmacy and Translational Science in the College of Pharmacy and Co-Director of the UTHSC Center for Pediatric Experimental Therapeutics. He also holds joint appointments in the Department of Pediatrics and Department of Microbiology, Immunology, and Biochemistry.

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

Active grants:

- Novel Azole Resistance Mechanisms in *Candida albicans* NIH/NIAID (R01) – Principal Investigator – (\$424,564 total annual award for 5 years)
- Upc2A: A Central Regulator and "Achilles' Heel" of Fluconazole Resistance in *Candida glabrata* NIH/NIAID (R01) – Principal Investigator – (\$589,278 total annual award for 5 years)

Publications (2018-2019): 9

Presentations and Invited Presentations (2018-2019): 10

Graduate Students Mentored: 5

Faculty Mentoring or Other Active Collaborations:

Dr. Rogers is engaged in faculty mentorship in the department working with both junior and established faculty to expand the department's competitive funding base and scholarly output. He has active collaborations with scientists and investigators around the world.

Other Evidence of Impact on the Institution:

- Research from Dr. Rogers' laboratory was presented at several national and international scientific conferences.
- Member of the NIH Drug Discovery and Mechanisms of Antimicrobial Resistance Study Section.
- Hosts the Annual UT Fungal Pathogens Group Research Conference.

Recommendations/Goals to Enhance the Effectiveness of the Program

- The Rogers laboratory is developing two new areas of research that will be translated into NIH R01 grant submissions over the coming year.
- Research from the laboratory will be presented at several national and international conferences in the upcoming year.
- Continue to host the First Tennessee Endowed Chair Distinguished Visiting Professorship.

UT Health Science Center

Goodman Chair of Excellence in Medicine

Status of the Chair of Excellence

Since 2004, Dr. Arnold E. Postlethwaite has served as the Chairholder of the *Goodman Chair of Excellence in Medicine*. Dr. Postlethwaite is board certified in Internal Medicine and Rheumatology, is a Master of the American College of Rheumatology, and has received continuous VA Merit Grant or NIH funding since 1974.

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

Active grants:

- PI on VA Clinical Merit Review Grant 5I01 CX001400-03 (10/01/16 -9/30/2020).

Publications (2018-2019): 4

Selected Presentations (2018-2019):

- Invited speaker for the 2018 National Scleroderma Foundation Patient Education Conference in Philadelphia, PA, 7/27 – 29/2018. Two topics discussed were “Scleroderma-Fibromyalgia Link”
- Video presentation - “Are Endogenous or Marijuana-derived Cannabinoids Potential Therapeutics for Scleroderma?” is posted on the National Scleroderma website and has had 6315 views as of 7/23/19 (https://www.youtube.com/watch?v=a_Uk1p49aCM).

Selected Faculty Mentoring or Other Active Collaborations:

- Ongoing Collaboration with Dr. Duane Miller and Wei Li (School of Pharmacy) on Vitamin D analogs and autoimmunity and fibrosis, resulting in submission of 2 different NIH R01 Multiple PI grants (Li, Postlethwaite, Miller) 1 pending review, 1 not funded.
- Ongoing Collaboration with Dr. Weikuan Gu (UTHSC Dept. of Orthopedics) on sex differences in response of mice to non-exposure to UVB and vitamin D deficiency culminating in submission of a VA Merit Review Grant 1 IOI BX004889-01 (pending council review).

Other Evidence of Impact:

- Served on 6 NIH grant review panels past 18 months and thus earned Continuous Grant Submission Status with the NIH through 6/30/2020. Member of the National Scleroderma Foundation’s Medical Advisory Committee Reviewed 7 manuscripts for journals including *PLoS One* and *Scientific Reports* and others Listed as an inventor on seven granted U.S. Patents, two most recent are “APLs for treating arthritis” (Patent number 9144595) and “Methods for treating fibrosing diseases by induction of immune tolerance” (Patent number 7718765).

Recommendations/Goals to Enhance the Effectiveness of the Program

Use funds from the Chair to purchase laboratory supplies and maintain TSK1 mouse colony to assess effects of vitamin D deficiency on fibrosis and autoimmunity and purchase other mouse strains to study novel therapeutic agents to treat autoimmunity, fibrosis and arthritis and continue collaborations.

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.

In discussions with the UTHSC Cancer Center, we plan to jointly recruit an exceptional investigator who studies cancer immunology. The prospective hire would serve as one of the four program directors of the new cancer center and hold the *Harriet S. Van Vleet Chair of Excellence in Biochemistry*. The recruitment of a world-class cancer immunologist will strengthen the immunology research programs in the Department of Microbiology, Immunology and Biochemistry. It will also fit within the UTHSC Operational Strategic Plan for Research pertaining to cancer, by bolstering efforts to develop a path to become an NCI-designated cancer center.

University of Tennessee Health Science Center

Harriet S. Van Vleet Chair of Excellence in Pharmacology

Status of the Chair of Excellence

Since July 1998, Dr. Burt Sharp has held the *Harriet S. Van Vleet Chair of Excellence in Pharmacology*. According to *Goggle Scholar*, Dr. Sharp's research reports have been cited more than 7,200 times by other research publications. His most highly cited work on the large scale bioinformatic analysis of published medical research has been cited 275 times. In the past year, the Harriet Van Vleet Chair has supported Dr. Sharp's preparation (in collaboration with Professor Robert Williams) of a large scale contract to NIH for the neurogenetic analysis of a unique rat hybrid diversity panel that will enable identification of genes causing nicotine dependence and addiction. This grant addresses a major unmet medical need in the arena of personalized medicine—namely, the identification of genes that predispose individuals to addiction.

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

Submitted Grants:

In collaboration with colleagues in the Departments of Genetics, Genomics and Informatics, and Pharmacology, two NIH grant applications were submitted. These submissions focus on the identification of genes that predispose to abuse and addiction to nicotine and oxycodone. The latter application received an excellent score and is under consideration for funding.

Publications (2018-2019):

In 2018-2019, the COE supported the publication of two extensive scientific reviews in a special issue of the *European Journal of Neuroscience*. These addressed the role of the basolateral amygdala in addiction and the neurogenetics of nicotine abuse.

Active Collaborations:

In collaboration with colleagues at the University of Colorado, studies with a novel positive allosteric modulator of GABAA receptors were performed to determine if this class of compound reduces stress-induced relapse to nicotine-taking. These studies utilized a unique animal behavioral model developed in our laboratory at UTHSC.

Hao Chen, Ph.D., Assistant Professor, William Taylor, Ph.D., Professor; Robert W Williams, Ph.D., Professor and Chair of Genetic, Genomics and Informatics, UHSC; Francesca Liao, Ph.D., Professor of Pharmacology; and Saniona Pharmaceuticals AB, Ballerup, Denmark.

Recommendations/Goals to Enhance the Effectiveness of the Program

Publish high impact genetics, genomics and neurochemistry research on nicotine addiction, nicotine-induced neuroplasticity and the behavioral effects of stress on relapse to nicotine taking.

Harriet S. Van Vleet Chair of Excellence in Virology

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding:

- Metabiota (DoD BTRP) Jonsson PI 2/2019 to 2/2020
- NIH RO1 AI103053 3/31/14-NCE to 3/2020
- NIH 1 RO1 AI118814-01 Multi PI Jonsson, Chung Golden 05/01/15-04/31/20
- NSF Mathematical Biology PD 12-7334. Collaborative grant with Linda Allen (PI) and Kosiewicz ((co-I) 09/15/15-08/31-19 (NCE)
- NIH U19 Center of Excellence For Encephalitic Alphavirus Therapeutics 3/7/19 to 3/16/24

Selected Publications (2018-2019):

- Jonsson, CB, Cao X, Lee J, Gabbard JD, Chu YK, Fitzpatrick EA, Julander J, Chung DH, Stabenow J, Golden JE. *Antiviral Res.* 2019 Jul;167:25-34. Doi 10.1016/j.antiviral.2019.04.004. Epub 2019 Apr 7.
- 2. Rapid Sequencing of Multiple RNA Viruses in Their Native Form. Wongsurawat T, Jenjaroenpun P, Taylor MK, Lee J, Tolardo AL, Parvathareddy J, Kandel S, Wadley TD, Kaewnapan B, Athipanyasilp N, Skidmore A, Chung D, Chaimayo C, Whitt M, Kantakamalakul W, Sutthent R, Horthongkham N, Ussery DW, Jonsson CB, Nookaew I. *Front Microbiol.* 2019 Feb 25;10:260. doi: 10.3389/fmicb.2019.00260. eCollection 2019.
- 3. Habitat, species richness and hantaviruses of sigmodontine rodents within the Interior Atlantic Forest, Paraguay. Eastwood G, Camp JV, Chu YK, Sawyer AM, Owen RD, Cao X, Taylor MK, Valdivieso-Torres L, Sage RD, Yu A, Goodin DG, Martinez Bruyn VJ, McAllister RC, Rodriguez L, William EP, Jonsson CB. *PLoS One.* 2018 Aug 1;13(8):e0201307. doi: 10.1371/journal.pone.0201307. eCollection 2018.

Faculty Mentoring or other collaborative activities: Amber Smith, Ph.D., Department of Pediatrics, Ying Kong, Ph.D., Department of Microbiology, Immunology and Biochemistry, Joseph Pierre Ph.D. and Heather Smallwood, Ph.D., Department of Pediatrics

Recommendations/Goals to Enhance the Effectiveness of the Program

Long-term Goals: The Regional Biocontainment Laboratory is a UTHSC institutional core facility. As such, it now supports research activities requiring either BSL2 or BSL3 levels of containment. We have expanded the available sequencing capability, clinical and hematology assays to attract more faculty to use BSL2 facilities and equipment. I have led the hiring of one new faculty in CON and plan to expand hires to other colleges with ISHPS to create a critical mass of faculty in viral immunology to enable development of a program project grant.

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 NIH for 45 yrs.

Received a 4 year grant; activated 1-1-19 – USA LTAUSA18 Grant (No. LTAUSA18162)

Publications (2018-2019): 2 papers (222 total) & 8 presentation abstracts (253 total)

6-17-19 online Genetics paper, 252 views in 1st 3 wks. Online visibility – **Total:** – 61,953 views and 49,154 downloads.

Tools of Biochemistry (John Wiley) now in 5 languages and >17 English printings.

Presentations (2018-2019): 8, including 1 International Keynote Lecture; 1 Principle 2019 World Congress Symposium Speaker (1 of 4 such speakers)

Faculty Mentoring:

- Serve as mentor to 2 faculty members in the UTHSC Department of Microbiology, Immunology and Biochemistry.
- Faculty trustee on the UTHSC Advisory Board
- Member of the UTHSC Faculty Senate Executive Committee
- Chair of UTHSC Faculty Handbook Revision Committee
- Member UTHSC College of Medicine Dean's Advisory Council

Active Collaborations:

- Michael Whitt, David Nelson and David Kakhniashvili at UTHSC
- Zdena Palkova & Ivana Malcova at Charles University, Prague Czech Republic

Selected Other Evidence of Impact on the Institution:

- International Conference on Yeast Genetics & Molecular Biology, Secretary General
- ICYGMB Finance / Policy Committee – USA Representative.
- Association of American Medical Colleges (AAMC) Distinguished Service Member

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue research, collaboration and writing (Major review); teaching undergraduate & graduate courses.
- Continue Editorial Board reviewing (3 journals, retrospectives) and international grant reviews.

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*. Dr. Mihalko's research focuses on identifying the biomechanical, kinetic/kinematic, and biologic related issues pertaining to total joint arthroplasty.

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

Active Grants and Other Sources of Funding:

- **Department of Defense** (\$1,492,000) - The Effect of a Microprocessor Prosthetic Foot on Function and Quality of Life in Trans-Tibial Amputees Who Are Limited Community Ambulators. Role-Col 5%
- **Department of Defense Office of the Congressionally Directed Medical Research Programs (CDMRP), Orthotics and Prosthetics Outcomes Research Program (OPORP) Orthotics Outcomes** (\$1,998,325) - The Effect of a Powered Ankle Foot Orthosis (PAFO) on Function, Safety, and Quality of Life in Military Service Members and Veterans Who Wear a Prescribed Orthosis. Role-Col 2.5%
- **National Institute of Health** R34AR074066 (MPIs WM Mihalko P Richey) Planning grant for an intensive weight loss clinical trial for overweight and obese patients post total knee replacement. NIAMS (\$300,000) July 1, 2018-June 30, 2020. Role MPI (10%)-U01 application to be submitted fall 2019.

Publications and Presentations (2018-2019): 5 publications (3 others accepted for publication) and 11 abstract presentations to medical society meetings

Faculty Mentoring or other collaborative activities:

- New collaborations established with Dr. Karen Derefinko in preventive medicine and submitted an R21 clinical trial application as MPIs together in June 2019.

Selected Other Evidence of Impact on the Institution:

- Program chair for the Joint Graduate Program in Biomedical Engineering.
- Currently member of the School of Medicine Promotion and Tenure Committee term ended 2019.
- Currently ranked in the top 50 worldwide experts in knee arthroplasty by Expertscape.com (since 2014).
- Received the ASTM International Award of Merit 2018.

Recommendations/Goals to Enhance the Effectiveness of the Program

- Obtain federal funding as a co-investigator or PI/MPI over the next academic year and submit two grants for federal funding as a PI or MPI.
- Develop a research Center of Excellence with core facilities in Biomedical Engineering for collaborations across campus.
- Develop a research Center of Excellence with core facilities in Biomedical Engineering for collaborations across campus.

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 Department of Pediatric Neurology, the Chair of the Division of Pediatric Neurology at Le Bonheur Children's Hospital and Director of the Le Bonheur Comprehensive Epilepsy Program and Neuroscience Center.

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

Active Grants and Other Sources of Funding: 26

Publications (2018-2019): 18

Chapters (2018-2019): 5

Books (2018-2019): 1

Presentations (2018-2019): 47

Graduate Students Mentored: Residents in Pediatric Neurology (7)

Faculty Mentoring or other collaborative activities: Elizabeth Gaudio, Rhodes College Neuroscience Program; Kara Hall and Elizabeth Allyn Glover, Rhodes Interns in summer and Epiwatch Research Programs; and Lindsay Wise, UTHSC College of Medicine collaborating in research programs.

Other Evidence of Impact on the Institution: CFOM Grant for 5 years \$2.5 Million

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals for 2019-2020

- 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 development of 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.

Long term Goals:

- 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

The *Le Bonheur Chair of Excellence in Pediatrics* (second chair) was awarded to Dr. Samir Shah, Chief of Pediatric Critical Care, effective March 2019 in honor of his tremendous accomplishments in the areas of research, building clinical programs, and novel education and training efforts.

Since he has just assumed the Chair, a comprehensive report will be submitted next year.

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, 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

Publications (2018-2019): 2 of 6

- *Rising Serum Uric Acid Level is Negatively Associated with Survival in Renal Cell Carcinoma.* Kendrick Yim, Ahmet Bundayi, Rana McKay, Reza Mehrazin, Omer Raheem, Charles Field, Aaron Bloch, **Robert Wake**, Stephen Ryan, Anthony Patterson, Ithaar Derweesh*
Cancers 2019 Apr 15;11(4). pii: E536. doi: 10.3390/cancers1104053
- *Acupuncture for Analgesia during Transurethral Resection for Bladder Tumor.* Aaron Bloch, Paul Bloch, Aaron Dahmen, Raymond Xu, Zachary Sherman, Christopher Ledbetter, **Robert Wake**, Anthony L. Patterson. Journal of Endourology Case Reports (CREN-2019-0026)

Presentations (2018-2019): 2 of 20

- Kendrick Yim, Ahmet Bundayi, Rana R. McKay, Reza Mehrazin, Omer Raheem, Charles Field, Aaron Bloch, **Robert Wake**, Stephen Ryan, Anthony Patterson, Ithaar Derweesh; University of California San Diego, San Diego, CA; University of Tennessee Health Sciences Center Memphis, Memphis, TN; UC San Diego, San Diego, CA; University of California, San Diego, San Diego, CA; University of Tennessee Health Science Center, Memphis, TN **Rising serum uric acid level is negatively associated with survival in renal cell carcinoma.** 2019 Genitourinary Cancers Symposium, San Francisco, California. February 14-16, 2019
- Elizabeth Tourville, Daniel Zapata, Kristen Marley, Bradley Houston, Christian Dewan, Andrew Gowdey, Howard Hasen, Christopher Ledbetter, Anthony L. Patterson, Robert W. Wake.. The University of Tennessee Health Sciences Center, Department of Urology, Memphis, TN. **Biochemical Recurrence Rates After Cryoablation of the Prostate: How Does it Measure Up?** SES/AUA 83rd Annual Meeting Phoenix, Az 3/15/19 (Poster)

Recommendations/Goals to Enhance the Effectiveness of the Program

- Recruit a PhD/ MD researcher with a dual appointment in Pathology and Urology to enhance departmental scholarly activity.
- Continue to foster both clinical and research collaborations between Collage of Pharmacy and Department of Pathology

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 Institute of Health - Eight grants

Publications (2018-2019): 4

Presentations (2018-2019): 1

Graduate Students Mentored (2018-2019): 0

Faculty Mentoring or Other Active Collaborations:

- Collaborations with several UTHSC faculty across disciplines.
- Collaborations with University of Missouri and University of Nevada, Reno.

Other Evidence of Impact on the Institution (selected):

- Conference Organizer. FASEB SRC on Smooth Muscle, Palm Beach, FL.
- Grant Reviewer. NIH R03 Pilot Projects; NIH R35 Established Investigator; Health Research Council of New Zealand.
- Editorial Boards: Physiological Reviews and Frontiers in Vascular Biology.
- American Physiological Society Fellowship Committee member.
- Reviewer for Nature Communications, Science Signaling, PNAS, Journal of Clinical Investigation Insight, Circulation Research, ATVB, Journal of General Physiology, Journal of Physiology, American Journal of Physiology, Cell Physiology, American Journal of Physiology, Heart and Circulatory Physiology, ATVB, Hypertension.
- UTHSC service commitments include:
 - Search Committee Chair, Connell Endowed Professor of Diabetes Research.
 - Director and Committee Chair, Muirhead Hypertension Research Day.
 - Chair, Connell Endowed Chair committee
 - Other committees including Research Goal Committee, Department of Physiology Graduate Student Committee, Laboratory ALAC Committee Advisory Board

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals for 2019-2020

- Publish several new manuscripts and submit two new NIH RO1 applications
- Obtain a new R01 with Alex Dopico, Chair of Pharmacology.
- Investigate the possibility of purchasing a super-resolution microscope for the campus.

Long Term Goal

- Grow cardiovascular research at UTHSC.

University of Tennessee Health Science Center Plough Foundation Chair of Excellence in Pediatrics

Status of the Chair of Excellence

Established in 1986, the *Plough Foundation Chair of Excellence in Pediatrics* has been vacant for several years. It will be awarded this year to an outstanding faculty member, Dr. Amali Samarasinghe. She heads our center for asthma research in pediatrics. A comprehensive report will be submitted next year.

University of Tennessee Health Science Center

Semmes Murphy Chair of Excellence in Neurology

Status of the Chair of Excellence

Dr. Andrei V. Alexandrov was appointed as the *Semmes Murphy Chair of Excellence in Neurology* and chair of the Department of Neurology in January 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:

- Assisi Foundation \$1,100,000 10/26/2018 – 10/25/2020

Publications (6/30/2018 – 7/1/2019): Selected from 26:

- Rhudy JP, Alexandrov AW, Rike J, Bryndziar T, Hossein Zadeh Maleki A, Swatzell V, Dusenbury W, Metter EJ, Alexandrov AV. Geospatial visualization of mobile stroke unit dispatches: A method to optimize service performance. *Interv Neurol* 2018; 7:464-470.
- Anadani M, Orabi MY, Alawieh A, Goyal N, Alexandrov AV, Petersen N, Kodali S, Maier IL, Psychogios MN, Swisher CB, Inamullah O, Kansagra AP, Giles JA, Wolfe SQ, Singh J, Gory B, De Marini P, Kan P, Nascimento FA, Freire LI, Pandhi A, Mitchell H, Kim JT, Fargen KM, Al Kasab S, Liman J, Rahman S, Allen M, Richard S, Spiotta AM. Blood pressure and outcome after mechanical thrombectomy with successful revascularization. *Stroke* 2019 Jul 18.
- Katsanos AH, Malhotra K, Goyal N, Arthur A, Schellinger PD, Köhrmann M, Krogias C, Turc G, Magoufis G, Leys D, Ahmed N, Khatri P, Goyal M, Alexandrov AV, Tsivgoulis G. IV Thrombolysis prior to mechanical thrombectomy in large vessel occlusions. *Ann Neurol* 2019 Jul 7.

Other Evidence of Impact on the Institution:

- Our most significant accomplishments and activities at UTHSC Neurology Department are as follows:
 - UT Mobile Stroke Unit was launched on July 13, 2016 and remains in operation with excellent treatment rates. In 2018, it was the first mobile stroke unit in the world to be accredited by the Intersocietal Accreditation Commission (IAC) as a CT laboratory.
 - A city-wide stroke program continues stroke attending coverage services at MUH, ROH to BHM with world record treatment numbers for fourth year in a row (highest reported tPA treatment rates, 2015-2018).
 - Supervision of numerous Clinical Fellows in Vascular Neurology, Clinical Stroke and Cerebrovascular Ultrasound and Stroke Research

Recommendations/Goals to Enhance the Effectiveness of the Program

- Organize city-wide Epilepsy coverage for EMU, NICU and in-hospital EEG reading 24x7 across MUH, ROH and BMH.
- Continue Mobile Stroke Unit operations in the city of Memphis

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 held 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:

- NIH NHLBI R01 HL122166, PI, - Coupling factor 6 in cold-induced kidney dysfunction and hypertension
- NIH NIA R01 AG049780, PI, - Investigation into heart aging
- NIH NIA R01 AG062375, PI, - Epigenetic regulation of kidney function and blood pressure

Selected Publications (2018-2019): 5 Total

- 2019: Ti: Kelly West Lecture: Investigation into Cardiovascular Aging. Department of Medicine. University of Oklahoma Health Sciences Center (4/30/2019)
- 2019: Ti: Epigenetic mechanism of vascular aging. Department of Medicine/Division of Cardiology. University of Iowa Medical Center

Faculty Mentoring or other collaborative activities:

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

Other Evidence of Impact on the Institution:

- Chair of the Department of Physiology
- Deputy Director of the UT Methodist Cardiovascular Institute

Recommendations/Goals to Enhance the Effectiveness of the Program

- Promote research in the Department of Physiology at UTHSC.
- Develop missions and goals of the UT Cardiovascular Institute
- Develop research collaboration at UTHSC.

**University of Tennessee Health Science Center
UT Regional One Physicians
Chair of Excellence in Obstetrics and Gynecology**

Status of the Chair of Excellence

Dr. Giancarlo Mari serves as the Chairholder of the *UTMG Chair of Excellence in Obstetrics and Gynecology*.

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

Active Grants and Other Sources of Funding:

Dr. Mari is the site PI for a Mild Chronic Hypertension NIH grant (\$44,458) through the University of Alabama, Birmingham (UAB) and a Perinatal Grant through the State of Tennessee (\$613,000 per year).

Publications (2018-2019): Co-authored 5 journal articles and 1 textbook.

Presentations (2018-2019): 16 national and international invited presentations.

Faculty Mentoring or Other Collaborations: Mentored three Maternal-Fetal Medicine Fellows and Two Ultrasound Fellows.

Other Evidence of Impact on the Institution:

- Director of Maternal Fetal Medicine Fellowship.
- Clerkship Rotation in Ob/Gyn is one of the top at UTHSC.
- The Department of Ob/Gyn organized the 32nd Annual Contemporary Issues in Obstetrics and Gynecology meeting and providers from 21 states attended.
- The department also organizes the OB FAST simulation training at ROH, which takes place every two months.
- The OB FAST program has become a part of the national Chinese Meeting of Obstetrics and Gynecology and simulation training.
- Continue to work on the role of the department in decreasing the infant mortality rate in Memphis.
- Creation of the Intrauterine Growth Restriction (IUGR) and Menopausal clinics at ROH.
- Published an Ob/Gyn department book with a brief history of the department.
- Published a manual for the OB F.A.S.T. Simulation program

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals (2019-20)

- Continue existing fellowship programs and support of their Directors.
- Continue to develop Ob/Gyn specialized clinics at ROH.
- Continue to organize the Annual Contemporary Issues in Obstetrics and Gynecology conference in Destin, FL.

Long-term Goals

- Become one of the premier education and research centers in Obstetrics and Gynecology in the US and the preferred provider for all women in the Mid-South.
- Develop MIGS and REI fellowships, and an Urogynecology Division and fellowship.

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:

- Obtained new philanthropic commitments to the Department/CFRI for \$5M (Children's Foundation of Memphis), \$1.5M (Urban Child Institute), and \$250,000 (State of Tennessee).

Publications (2018-2019): 10

Presentations (2018-2019): 2 invited seminars

Faculty Mentoring or Other Active Collaborations:

Direct mentor for UTHSC Assistant Professor Dr. Amali Samarasinghe, UTHSC Assistant Professor Amber Smith, UTHSC Assistant Professor Alex Ryder, UTHSC Assistant Professor Elisha McCoy, and secondary mentor for numerous other faculty

Other Evidence of Impact on the Institution:

- Named Senior Executive Associate Dean for Clinical Affairs and Chief Operating Officer in the College of Medicine, UTHSC
- Led Le Bonheur to top 50 rankings in 8 specialties in US news and World Report and top 25 in 6 including a top 10 ranking in cardiology.
- Member of the search committees for the new Executive Dean of the College of Medicine and the Chair of Medicine, Chair of Search Committee for Senior Executive Dean of Research.

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals (2019-2020)

- 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.
- Begin to develop an adult academic medical center modeled on Le Bonheur with our adult health system partners.

Long Term Goal

- Gain recognition as a Top 10 Faculty in Pediatrics.

University of Tennessee Knoxville, 2018-2019

Chair of Excellence	Date Established	Chairholder
1) Bernard Blasingame Chair of Excellence in Agricultural Policy	1989	Dr. Andrew Muhammad
2) Bernadotte E. Schmitt Chair of Excellence in History	1987	Dr. Robert J. Norrel
3) Julia G. and Alfred G. Hill Chair of Excellence in Science, Technology, and Medical Writing	1987	Dr. Mark Littmann
4) Clayton Homes Chair of Excellence in Finance	1988	Vacant since 2017
5) Harry and Vivienne Bruce Chair of Excellence in Business	1989	Dr. Theodore P. Stank
6) Robert Condra Chair of Computer Integrated Engineering & Manufacturing	1986	Dr. Matthew Mench
7) Robert Condra Chair of Excellence in Power Electronics Applications	1986	Dr. Fei (Fred) Wang
8) Forrest & Patsy Shumway Chair of Excellence in Romance Languages	1987	Dr. Rudyard Alcocer
9) Henry Goodrich Chair of Excellence in Waste Management & Environmental Engineering	1988	Dr. Thanos Papanicolaou
10) Hodges Chair of Excellence in English	1985	Dr. Joy Harjo-Sapulpa
11) Ivan Racheff Chair of Excellence in Materials Science & Engineering	1985	Dr. Peter K. Liaw
12) Ivan Racheff Chair of Excellence in Plant Molecular Genetics	1985	Dr. C. Neal Stewart
13) J. Fred Holly Chair of Excellence in Economics	1987	Dr. Christian Vossler
14) Nancy Gore Hunger Chair of Excellence in Environmental Studies	1994	Dr. Daniel Simberloff
15) Pilot Oil Corporation Chair of Excellence in Leadership	1986	Dr. Mandyam M. Srinivasan
16) Willis Lincoln Chair of Excellence in Physics	1992	Dr. Cristian Batista
17) H.H. Arnold Chair of Excellence in Computational Mechanics	1996	Dr. John D. Schmisser
18) Edward J. and Carolyn P. Boling Chair of Excellence in Space Propulsion	1987	Vacant since 2009 with active search since 2017

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 \$790k.
- 4 grants awarded since August 2018 totaling \$717k.
- Funding Agencies: USDA, Foreign Agricultural Service; USDA, Economic Research Service; National Science Foundation.

Publications: 4 journal articles and 3 peer reviewed extension publications published or accepted for publication; 2 manuscripts in review with journals.

Presentations: 7 presentations to scientific audiences (2 international presentations):

Extension Presentations: 8 extension presentations:

Southern Extension Economics Committee; UT/TSU Extension Farm Management Workshop; University of Tennessee at Martin; Tennessee Grain and Soybean Producers; Tennessee Dairy Producers Association; Regional In-Service Trainings.

Provided support to TDA on international agricultural trade.

Other Related Impacts:

Appointments: Agricultural Policy Advisory Committee (advising the Sec. of Ag. and U.S. Trade Representative); Advisory Board, Socially Disadvantage Farmers and Ranchers Policy Research Center; Council on Food, Agricultural and Resource Economics Board of Directors; International Agricultural Trade Research Consortium Executive Committee Chair; Senior Editor of the Journal of Food Distribution Research.

Recommendations/Goals to Enhance the Effectiveness of the Program

Short Term Goals: There will be a significant push to obtain funding for at least two graduate students and one post-doc and other resources to establish a Center for International Agricultural Trade at UTIA. Dr. Muhammad will continue to do policy relevant research and outreach on international trade issues.

Long Term Goals: Establish a Center/program that provides information, research, and analysis to support public and private global trade initiatives in the Region; to establish UTIA 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 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

Publications and performances (2018-2019)

- Contributor, 1918, article on "Roots" for *Celluloid Chains: Slavery in the Americas Through Film* ed. Alcocer and Block, UT Press

Graduate Students Mentored: (2018-2019):

- Josh Hodge – Land use in late 19th century Alabama

Grants Received

- Professional and Scholarly Development Awards (PSDA) in the Visual and Performing Arts, \$5000 for travel in 2018, extended into 2019 to enable an important research trip in June 2019

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals and Plans (2019-2020)

- Serve on the department's Undergraduate Committee
- Teach a new course, History 248, Honors Western Civilization
- Finish an initial draft on my next book, tentatively titled "Truth and War: The Way Historians Dealt with the Big Wars of the Twentieth Century"

Long term Goals

- Pursue and publish a study of the way historians in four nations—U.S., Germany, France, and Great Britain—have interpreted wars in the 20th century, from 1914 to 1989. Particular attention will be paid to the ways that history has been written and revised to advance national foreign-policy positions.
- Teach more undergraduates, particular on global issues of international relations and immigration.

University of Tennessee Knoxville

Julia G. & 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. & Alfred G. Hill Chair of Excellence in Science, Technology, and Medical Writing*. Dr. Littman holds a Ph.D. in English from Northwestern University; M.A. in Creative Writing from Hollins College; and a B.S. in Chemistry & Literature from Massachusetts Institute of Technology.

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

Active Grants and Other Sources of Funding: UT SARIF EPPE (\$1000) for community and school performances of my educational play *Little Lessons for Lina* about the first woman to be a professional astronomer

Selected Publications (2018-2019):

- Invited performance of my play *Little Lessons for Lina*, about Caroline Herschel, the first woman professional astronomer, for the Division of Planetary Sciences, American Astronomical Society, 50th annual international conference, Knoxville, October 25, 2018 – staged reading with 3 actors
- 4 invited performances of my play *Little Lessons for Lina* for community and educational groups: Clayton-Bradley Academy (Maryville, 11/30/18); Friendshippers (seniors, Knoxville, 12/17/18); American Museum of Science & Energy (Oak Ridge, 3/2/19); Ijams Nature Center (Knoxville, 6/23/19) – staged reading, 3 actors

Selected Presentations (2018-2019):

- “The Universe in You” (invited talks), Sunrise Senior Living Center (Salt Lake City, 12/27/19); Pellissippi State Community College: Blount County Campus (3/7/19) and Division Street Campus (3/27/19)
- “Seeing the Sky Through Words” (invited talks), Roper Mountain Astronomers (Greenville, SC; 6/20/19); Ijams Nature Center (Knoxville, 6/23/19)

Recommendations/Goals to Enhance the Effectiveness of the Program

- Finish first draft of the scientifically and historically accurate play about Edmond Halley and Isaac Newton
- Complete projection artwork for play *Little Lessons for Lina* (about Caroline Herschel, the first woman professional astronomer (collaboration with professional commercial artist Joel Izatt) – 2018 to present

Long term Goals:

- Complete and publish anthology of the best Hill Lectures
- Rewrite and publish article on science-communication workshops for NSF and NIH grants

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 college plans to fill the Chair in the future but the realities of the Finance faculty job market make this difficult. In order to hire a faculty member worthy of a Chair of Excellence, their salary would likely have to be well over \$300,000. Since the Chair only generates approximately one-third of that total, that creates a large deficit to be funded by the college. Nonetheless, we do realize this is an important appointment and plan to fill the Chair as soon as resources allow and a worthy candidate is identified.

University of Tennessee Knoxville

Harry and Vivienne Bruce Chair of Excellence in Business

Status of the Chair of Excellence

The Harry and Vivienne Bruce Chair of Excellence in Business was established in 1989 and Dr. Theodore P. Stank serves as the Chairholder. Dr. Stank is a Professor of Logistics and Supply Chain Management and earned his PhD in Marketing and Distribution from University of Georgia, 1994. He has served as the Chairholder since 2010.

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

Active Grants and Other Sources of Funding:

- Founder and Co-Director of the Advanced Supply Chain Collaborative (ASCC), a collaborative think tank engaging industry with UT to explore advanced concepts in Supply Chain Management. 2019 membership of 12 corporations generates a budget of \$600,000
- Faculty Director of Global Supply Chain Institute and Forum that generates annual revenue of \$750,000 and contributes over \$400,000 to department excellence
- Author and/or contributing editor of 3 white papers that attracted over \$100,000 in research funding

Publications (2018-2019): 6 including journal articles and white papers

Presentations (2018-2019): 13 presentations nationally and internationally

Graduate Students Mentored (2018-2019): 6 EMBA in Global Supply Chain students

Selected Faculty Mentoring or Other Active Collaborations:

- Oversee/participate in funded projects as Co-Director of the Advanced Supply Chain Collaborative focused on research on agile supply chains, predictive modeling, workforce transformation, and data strategy
- Department head special projects execution and leadership counseling with Dr. Chad Autry

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals (2019-2020)

- Ensure success of Advanced Supply Chain Collaborative (ASCC)
- Build thought leadership relationships with leaders in leading edge organizations.
- Participate in Faculty Development Leave in Winter 2020 to focus on Digital Supply Chain

Long term Goals

- Ensure that University of Tennessee Supply Chain Management program is consistently recognized as the Top SCM program in the world
- 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*.

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

Active Grants and Other Sources of Funding (2017-2018):

- Poly-Ceramic Gas Diffusion Layered Membranes, Physical Sciences Inc.
- Department of Energy: Developing novel electrodes with ultralow catalyst loading for high-efficiency hydrogen production in proton exchange membrane electrolyzer cells
- Bosch: Support of PEFC Program
- Bio-composite development for additive manufacturing, UTB
- Senior Design: Fresenius Medical Care Holdings, Inc (FMCNA)

Publications (2018-2019): 1 journal publications and multiple abstracts, design patents

Presentations (2018-2019): Numerous presentations and invited talks

Graduate Students Mentored: (2018-2019): 6 current PhD students, 1 research associate, 1 MS student, several UGs

Faculty Mentoring or Other Active Collaborations:

- As Department Head, actively provided mentorship for numerous faculty

Other Evidence of Impact on the Institution:

- 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.
- 2016 List of the 150 Most Cited Scholars in Energy Research by Elsevier Scopus Data.
- UT College of Engineering Translational Research Award, 2016.
- UT Research Foundation Start Up Award, 2016.
- Associate Editor of ASME Journal of Fuel Cell Science and Technology.
- Invited speaker to over 60 Universities, Research Laboratories, and Conferences.
- Department Chair of the Mechanical, Aerospace, and Biomedical Engineering Department, August 2013 - present

Recommendations/Goals to Enhance the Effectiveness of the Program

Current goals focus on enhancing the Mechanical, Aerospace, and Biomedical Engineering Department, including securing faculty growth, external research funding for laboratories and fostering an environment that promotes innovation and quality research.

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 NSF-DOE ERC CURENT co-founder and Technical Director, joint ORNL appointment, has authored or co-authored 106 journal papers, 323 conference presentations, 4 book chapters, 14 awarded/pending US patents, 7 IEEE prize papers, and has been granted the IEEE Gerald Kliman Innovation Award, 3 TCE Research Achievement Awards, the GE Dushman Award, and is a Fellow of the IEEE and NAI.

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

Active Grants and Other Sources of Funding (2018-2019):

- NSF-DOE ERC CURENT: \$30,500,000
- DOE ARPA-E: 2,400,000
- DOE AMO: \$3,900,000
- GE/DOE: \$249,000
- NCSU/DOE: \$1,050,000
- Boeing/NASA: \$1,050,000
- UT-Battelle projects \$900,000
- Other sources, \$500,000

Publications (2018-2019): One book, 9 journal papers, 29 conference papers, one granted patent, one patent filed.

Presentations (2018-2019): Two tutorials, two keynote speeches and one panel presentation.

Graduate Students Mentored: (2018-2019):

- 2 PhD, 2 MS graduated
- 12 PhD, 3 MS currently mentored.

Faculty Mentoring or Other Active Collaborations:

Mentor for Dr. Daniel Costinett, Assistant Professor, and active collaborations with Dr. Ben Blalock, Professor, UTK EECS, all CURENT faculty, and Boeing/GE/ABB/ Keysight engineers.

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals and Plans (2019-2020):

- Maintain high productivity on research grants, publications, and student advising; complete the power electronics lab upgrade with 1MW, 13.8 kV testing capability.

Long term Goals:

- Help to build UTK's Power and Power Electronics programs to the top in the world

University of Tennessee Knoxville

Forrest & Patsy Shumway Chair of Excellence in Romance Languages

Status of the Chair of Excellence

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

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

Publications (2018-2019):

- (In progress) *Un)Hidden Figures: Experimental Criticism and the Metrics of Literature* (this is a nearly-completed monograph for which I have just begun to seek a publisher).
- (Forthcoming) "Looking for a Hero: Masters of the Dew, La Source, and the Quest for Water in Haiti." *Contemporary French & Francophone Studies*. Winter 2019-2020.

Presentations (2018-2019):

- "El papel del autor en la literatura: El caso de "Cabanga africana." VI Congreso de Literatura, Lengua y Traducción "liLETRAd." Universidad of Almería (Spain). July 2019.
- "Words and Action in Jonás Cuarón's *Desierto*." South Atlantic Modern Language Association Convention. Birmingham, AL. November 2018. Organized and moderated panel.

Teaching and Mentoring or Other Active Collaborations:

- Faculty mentor for Vernacular, Modern and Foreign Language and Literature's (MFL) online graduate student journal. Vernacular published its fourth issue in April. The second annual Vernacular graduate student symposium was held in February.
- Taught one upper-level class in the Hispanic Studies major during the spring and one graduate class on the Caribbean (in English, cross-listed between Spanish and French) during the fall. During summer 2019 taught two courses for the Spanish section's study abroad program in Alicante, Spain.

Recommendations/Goals to Enhance the Effectiveness of the Program

Dr. Alcocer is co-organizer of the Hispanic Symposium, planned for October 2019 and organized by the MFL Spanish program. He is also the organizer of the 2019-2020 AuthorFest, planned for April 2020 and featuring the work of Gabriel García Márquez. In the coming year Dr. Alcocer plans to sign a book contract for his current monograph and initiate the process of promotion to full professor.

University of Tennessee Knoxville

Henry Goodrich Chair of Excellence in Waste Management and Environmental Engineering

Status of the Chair of Excellence

Thanos Papanicolaou (PhD, Virginia Tech) joined the University of Tennessee - Knoxville in January 2014 and was awarded the *Henry Goodrich Chair of Excellence in Waste Management and Environmental Engineering*. Dr. Papanicolaou held previous faculty appointments at Washington State University and the University of Iowa. He has received numerous awards for research and student mentoring. These include the Hans Albert Einstein Award, the Hunter Rouse Hydraulic Engineering Award, and the Walter Huber Award (all from the American Society of Civil Engineers, ASCE). He is also a Fellow of ASCE.

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

Active Grants and Other Sources of Funding: 23 active research grants totaling over \$3.0 million in funding. These grants are from agencies including NSF, USGS, USDA, ORNL, ASCE, the Tennessee & Iowa DOTs, and Farragut, TN, as well as UT Office of Research and the Institute for the Secure and Sustainable Environment.

Publications (2018-2019): 13 peer-reviewed publications from journals including Anthropocene, Biogeochemistry, Geoderma, Geosciences, Hydrologic Processes, Journal of Geophysical Research, Journal of Hydraulic Engineering, and Water Resources Research. In addition, there were 2 Conference proceedings including one to River Flow.

Presentations (2018-2019): 11 presentations, many of which to the American Geophysical Union Fall Meeting, as well as 7 invited presentations (2 of which were as keynote speakers to the 7th International Symposium on Hydraulic Structures in Aachen Germany and the Latin American Congress on Hydraulics in Buenos Aires, Argentina).

Graduate Students and Post-Docs Mentored: (2018-2019): 9

Faculty Mentoring or Other Active Collaborations: 4

Selected Other Evidence of Impact on the Institution:

- Mentor, UTK/ORNL Bredesen Center for Interdisciplinary Research & Graduate Ed.
- Lead Researcher, UTK Organized Research Unit - Initiative for Food, Water, & Energy

Recommendations/Goals to Enhance the Effectiveness of the Program

- Establish long-term collaborations with companies for water energy infrastructure technology, ORNL, USDOT, USDA and related industry
- Develop patents for Lagrangian Radio Frequency Identification Devices monitoring systems; and a soil strength conduit flume
- Establish NSF Research Traineeship Cluster in the UTK Initiative for Food, Water and Energy Organized Research Unit and international partnerships

University of Tennessee Knoxville

Hodges Chair of Excellence in English

Status of the Chair of Excellence

Final report for Professor Joy Harjo-Sapulpa

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

Publications (2018-2019):

Books: *Wings of Night Sky, Wings of Morning Light, a play by Joy Harjo and a Circle of Responses*, edited by Joy Harjo and Priscilla Page, Wesleyan University Press, 2019; *An American Sunrise* (poetry), W.W. Norton 2019.

Graduate Students and Post-Docs Mentored: (2018-2019):

- PhD Dissertation advisor Katherine Condon and Jeremy Reed. Defended successfully.
- MFA Thesis committee chair 2018-2019 for Ben DeHaven, Ian Hall, and Stephanie Walls. All defended successfully.

Faculty Mentoring or Other Active Collaborations:

- Faculty Advisor to Chloe Hanson
- Native American Student Association Advisor

Other Evidence of Impact on the Institution:

- Appointed the 23rd U.S. Poet Laureate
- The Jackson Prize, the highest award from the Poets and Writers organization
- Completed editing of When the Light of the World Was Dimmed, Our Songs Came Through, a W.W. Norton Anthology of Native Nations Poetry. Graduate students participated as assistant editors.
- Wings of Night Sky, Wings of Morning Light, A Play by Joy Harjo with a Circle of Responses edited by Joy Harjo and Priscilla Page to be published by Wesleyan University Press, January 2018
- An American Sunrise, (poetry) W.W. Norton 2019
- Various publications and performances throughout the U.S.

Recommendations/Goals to Enhance the Effectiveness of the Program

Institute an Academy of American Poets College Prize for undergraduates and graduates - was not allowed to use funds. This prize would be ongoing and would be a major recognition for our students. It is a prize that matters.

University of Tennessee Knoxville

Ivan Racheff Chair of Excellence in Materials Science and Engineering

Status of the Chair of Excellence

Since 1993, Dr. Peter Liaw has served as the Holder of the *Ivan Racheff Chair of Excellence in Materials Science and Engineering*. Because of his outstanding contributions to Mechanical Behavior of Materials, and his great service to the Minerals, Metals & Materials Society (TMS), he was recognized with the TMS Distinguished Service Award in 2007 and was named a prestigious TMS Fellow in 2018 and a fellow of the American Society for Metals (ASM).

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

Active Grants and Other Sources of Funding: (1) Army Research Office (with Dr. F. Zhang) \$500,000, (2) Columbus McKinnon \$180,000, (3) National Science Foundation (NSF) grants \$420,000, (4) Haynes International, Inc. \$180,000, (5) Honda R&D Americas Inc. \$315,000, (6) NSF (with Professor Gao) grants \$375,000

Publications (2018-2019): Professor Liaw and his team have produced 103 journal publications, including 2 Nature Communications, 1 Communications Physics, 7 Acta Materialia, 8 Scripta Materialia, and 1 Scientific Report papers.

Presentations (2018-2019): Professor Liaw and his team have made 50 presentations, including plenary, keynote, invited, or contributed lectures, which have spanned the US, Taiwan, and Puerto Rico, including 13 and 25 presentations at the 2018 and 2019 TMS annual meetings, respectively.

Graduate Students Mentored: (2018-2019): 5 total

Faculty Mentoring or Other Active Collaborations: 6 visiting scholars

Other Evidence of Impact on the Institution: Served as Chair or Member of the TMS Mechanical Behavior of Materials Committee since 1974. Organized or co-organized 74 TMS symposia.

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals and Plans (2019-2020): Serration characteristics in the stress-strain curves of high-entropy alloys and bulk-metallic glasses will be investigated and modeled. Several NSF, DOE, and industry proposals will be submitted with colleagues.

Long term Goals: Continue to study mechanical behavior of advanced high-entropy alloys, bulk-metallic glasses, and steels. Develop a large-scale high-entropy alloys program. Note that we have submitted the NSF Science and Technology Center (STC) preproposal related to high-entropy alloys.

University of Tennessee Knoxville

Ivan Racheff Chair of Excellence in Plant Molecular Genetics

Status of the Chair of Excellence

Since 2002, Dr. C. Neal Stewart (PhD, Virginia Tech, 1993) has been the Chairholder of the *Ivan Racheff Chair of Excellence in Plant Molecular Genetics*.

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

Active Grants and Other Sources of Funding:

There was \$11.7M of active external awards, including 6 new awards, of which the most significant is a \$7.5M project funded by DARPA. Major funders are DARPA, ARPA-E, and the DOE.

Publications (2018-2019):

Author on 12 peer-reviewed papers during the period, including papers published in *Science*, the *Plant Biotechnology Journal*, and *Plant Physiology*

Presentations (2018-2019):

Gave over 20 outside research and outreach presentations including 7 invited presentations at DARPA headquarters and conferences.

Graduate Students Mentored (2018-2019): 5 total

Faculty Mentoring or Other Active Collaborations:

Active collaborations exist in 6 departments at UT among 3 colleges, ORNL, & outside institutions, including Harvard, MIT, UC-Davis, and UC-Berkeley as well as serving as faculty mentor for three UTK faculty in two departments.

Other Evidence of Impact on the Institution:

- Director of the new Center for Agricultural Synthetic Biology and codirects the Tennessee Plant Research Center
- Elected as Fellow of the Society for In Vitro Biology, 2019
- Extraordinary Contributions to Responsible Conduct of Research by UTK in 2018 for teaching research ethics, and service to UTIA and UTK for RCR

Recommendations/Goals to Enhance the Effectiveness of the Program

- Remodeling the core facility for the new Center for Agricultural Synthetic Biology (CASB)
- Expand the Center's outreach effort, including using it to recruit undergraduate students to appropriate degree programs
- Continue to develop a recent 'houseplant phytosensors' initiative that includes a UTIA-Architecture collaboration
- Launch a new research project for plant-based standoff sensing of human decomposition with Anthropology's "Body Farm"
- Expand state-of-the-art photonics and drone capabilities for plant-based sensing
- Begin to plant/write a second edition of "Research Ethics for Life Scientists"

University of Tennessee Knoxville

J. Fred Holly Chair of Excellence in Economics

Status of the Chair of Excellence

The *J. Fred Holly Chair of Excellence in Economics* was established in 1987 and Dr. William Neilson (PhD Economics, University of California, 1988) served as the Chairholder until his retirement in the summer of 2017. An active search for a replacement for this Chair was begun in the fall of 2017, but that initial search was not successful. An open search resumed in the fall of 2018. After an extensive search, the department and college decided that the most qualified candidate was Dr. Christian Vossler, the Department Head in Economics at the time. He assumed the Holly Chair of Excellence on August 1, 2019.

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

Active Grants and Other Sources of Funding:

Co-PI on 1 awarded NSF grant, for a workshop on invasion biology, \$63,174.

Publications (2018-2019):

- 27 publications, including 22 articles, 3 book reviews and 2 popular articles
- Co-edited book *From Biocultural Homogenization to Biocultural Conservation*, Springer, 2018
- Co-edited new edition of classic book, *Ecology of Invasion by Animals and Plants*, Springer, now in press

Presentations (2018-2019): 8 at conferences, 5 at universities, 1 other

Graduate Students Mentored: (2018-2019): 3

- Krista DeCooke – hemlock woolly adelgid and predatory beetles (May 2023)
- Maria Daniela Rivarola - rodent ecology (December 2019)
- Jordan Bush – mathematical modeling; herpetofaunal ecology (May 2020)

Faculty Mentoring or Other Active Collaborations:

- Pursuing 4 manuscripts and developing 5 other research projects

Other Evidence of Impact on the Institution:

- Courses Taught (2018-2019): 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/Goals 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
- Continued substantial writing as lead author on part of International Platform on Biodiversity and Ecosystem Services (IPBES)

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* was established in 1986 and Dr. Mandyam M. Srinivasan serves as the Chairholder.

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

Selected Publications (2018-2019):

- Shang, G., Ferguson, M., and Galbreth, M. Where should I focus my return reduction efforts? Empirical guidance for retailers. *Decision Sciences*, forthcoming.
- Pekgun, P., Galbreth, M., and Ghosh, B. (2018). How Unequal Perceptions of User Reviews Impact Price Competition. *Decision Sciences*, 49(2), 250-274.
- McKie, M., Ferguson, M., Galbreth, M. and Venkataraman, S. (2018). How do Consumers Choose Between Product Generations and Conditions? *Production & Operations Management*, 27(8), 1574-1594.

Selected Presentations (2017-2018):

- "Visualization Best Practices," UTK Internal Audit group, May 2019.
- "Optimal Retail Return Policies with Wardrobing," Annual Meeting of the Production & Operations Management Society (best paper award finalist session), May 2019.
- "Consumer Returns: Why They Matter, and What Retailers Can Do About Them," UTK Department of Industrial & Systems Engineering, March 2019.
- "Consumer Returns: Challenges and Opportunities for Retail Operations," University of Illinois, December 2018.
- "Sustainable Supply Chain Management," Illinois Wesleyan University, November 2018.

Recommendations/Goals to Enhance the Effectiveness of the Program

Dr. Galbreth has launched an effort to enhance the ties between the Haslam College's award-winning Business Analytics faculty and programs and the business community. The resulting BAS Corporate Partnership Program will help companies fill a critical need for business-savvy analytics talent.

University of Tennessee Knoxville

Willis Lincoln Chair of Excellence in Physics

Status of the Chair of Excellence

Dr. Cristian Batista (PhD) follows Dr. John L. Quinn, who served as the Chairholder of the *Willis Lincoln Chair of Excellence in Physics* since it was established in 1992 until retirement in 2015. Dr. Batista, a theoretical condensed matter physicist, comes to UT from Los Alamos National Laboratory and holds joint appointments at UTK and Oak Ridge National Laboratory.

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” LANL, PI (Cristian Batista)
- “Understanding Quantum Matter Beyond the Unit Cell” FWP program of ORNL, PI (Andy Christianson)

Publications (2018-19): 15 publications (*5 articles published in Nature Journals*).

Presentations (2018-19): 10 presentations (8 int. workshops and 2 at universities).

Faculty Mentoring or Other Active Collaborations:

- Faculty mentor for Prof. Jian Liu for funding submissions.
- Collaborations with: Profs. H. Zhou, J. Liu, S. Johnston and D. Mandrus.
- Liaison between UT and the Spallation Neutron Source (SNS) at ORNL.
- Dr. Batista has received the ORNL joint faculty award in September of 2018.
- Recruitment two PhD students: Vikram Sharma and Hao Zhang.

Other Evidence of Impact on the Institution:

- Dr. Batista wrote a cluster hiring proposal Quantum Materials for Future Technologies (QMFT) that was selected by UTK among 18 proposals. He is currently chairing a search committee to hire professors that will connect three strategic areas at UTK: quantum materials, quantum information and computer science.
- Dr. Batista is teaching recitation classes (in addition to the regular classes).
- Dr. Batista submitted two NSF proposals as Co-Pi and single Pi in 2018.

Recommendations/Goals to Enhance the Effectiveness of the Program

Recommendations:

- Additional recruitment of high quality PhD students is critical.
- Proactive recruiting/international exchange programs with top universities.

Short term Goals and Plans (2018-2019):

- Boost career of young scientists through tight experiment/theory collaborations.
- Write individual PI BES and NSF proposals and hire world class professors at UTK.
- Promote a more interactive environment for students.
- Create a summer student program at the Shull Wollan center (UT-ORNL).

Long term Goals:

- Build a strong experimental/theory group in correlated electron physics.

University of Tennessee Knoxville and Space Institute

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. Prior to joining the faculty, Dr. Schmisser was the Chief of the Energy, Power & Propulsion Sciences Division and Program Manager for Aerothermodynamics within the Air Force Office of Scientific Research.

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

Active Grants and Other Sources of Funding: Principal Investigator for 9 awards from the Air Force, Navy and NASA with obligated funding exceeding \$4M.

Recipient of the UT Office of Research & Engagement 2019 Award for *Largest New Research Portfolio*.

Publications (2018-2019): From Aug 2018-July 2019, Dr. Schmisser's research group published one journal article and 8 conference papers. "Unsteady Analysis of Shock-Wave/Boundary-Layer Interaction Experiments at Mach 4.2", *AIAA Journal*, published online June 2019. <https://doi.org/10.2514/1.1058073>

Presentations (2018-2019): 6 invited presentations including the U.S. Technology Leaders Council (Oct), DoD Hypersonics Leadership @ AEDC (Jan), DSI Hypersonic Capabilities Symposium (Apr), Tullahoma High School Top 10% Banquet (May), National Space & Missile Materials Symposium (June), National Defense Industrial Association Hypersonic Capabilities Conference (July)

Graduate Students Mentored: (2018-2019): 8

Faculty Mentoring or Other Active Collaborations: Active mentor of younger faculty and served as department mentoring chair until mentoring efforts were centralized within the college. Actively leads efforts of 14 faculty across three campuses in execution of \$4M+ Congressional Interest Project and has organized three more similar efforts to be awarded in the next academic year.

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals and Plans (2019-2020): Lead efforts to establish UT as key player in execution of National Hypersonic Research & Development efforts, complete installation of AFRL funded Mach 7 Ludwig Tube

Long term Goals: Leverage rapidly growing Hypersonics portfolio to develop broader research capabilities supporting full spectrum of Aerospace & Defense research and dramatically increase UTSI presence in Huntsville

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

A national search was opened on March 23, 2017, and UTSI Associate Executive Director, Dr. Ed Kraft, was the Chair of the search committee. The Mechanical, Aerospace and Biomedical Department at UT Knoxville, under the direction of Dr. Matthew Mench, was the department responsible for conducting the national search. We had two very strong viable candidates that Drs. Whorton and Kraft personally recruited and courted hoping for a successful outcome. In both cases, the spouses were not interested in relocating. Conversations were held with two other strong candidates but they declined to apply. Dr. Whorton decided to close the search on April 12 2018. The position will be reassessed and re-opened once the direction we want to take is determined. Plans are to continue recruiting for possible candidates at a later date.

Dr. Gary Flandro held the chair from 1991 – 2009.

University of Tennessee Martin, 2018-19

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 Chairholder 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)
- USDA-NIFA Higher Education Challenge Grant (\$28,200)
- Midway USA Foundation Grant (\$8,000)

Publications & Conference Papers (2018-2019): 5

Presentations (2018-2019): 11

Graduate Students Mentored: (2018-2019): 4

Faculty Mentoring or Other Active Collaborations:

- Faculty mentor and coach for the UTM National Agri-Marketing Competition Team
- Provided guest lectures in the area of Food Security and Agricultural Policy for College of Business and Global Affairs.
- Planning committee member and speaker "Building Sustainable Business Workshop series" with Center for Profitable Agriculture
- Ned Ray McWherter Institute Faculty Mentor
- Agriculture in Italy Planning Committee
- Delta Leadership Institute Executive Academy
- AGECE 110 Introduction to Agribusiness course for 24 TGSAS scholars in 2019.
- Coordinator for the State FFA Farm Business Management Contest.
- Co-Director of the Financial Management Boot Camp (with Dunagan Chair of Excellence).

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue to serve on the planning committee for the Mid-South Agricultural Finance Conference and recruit graduate students to the MSANR program Continue leadership role in the UTM Agricultural Lending Boot Camp
- Expand and diversify MSANR program as necessary to meet industry needs Continue to provide economic and business assistance for departmental research projects

University of Tennessee 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 partnering with banks 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

Developed network of banks and banking professionals

- Reconnected and expanded connections with banks/bankers that are interested in supporting student work experiences and/or interviewing graduates for career opportunities.
- Placed and monitored two student interns with FirstBank, summer 2018; four with FirstBank (Su 2019); one with First National of Pulaski (Su 2019) and one with Simmons Bank (Su 2019)
- Communicated with interested banks for summer 2019 internships

Research Projects

- 2018-2019 CSBS Case Study Project; 5 member student team (placed 3rd in national competition)
- Partnered with Obion Co. Joint Economic Development and CBGA faculty member, Dr. Christie Chen to conduct a Wage and Benefit Survey of manufacturing plants in the Northwest TN region, Fall 2018
- Initiated survey of TN banks with high school and college student Advisory Boards

Other Activities

- Sponsored the 18th annual Mid-South Agricultural Finance Conference (284 attendees)
- Mid-South Ag Finance Bootcamp (one day workshop prior to Ag Finance Conference)
- Assisted with CBGA's Financial Management Association, Fall 2018 Nashville trip

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue to participate in the CSBS Case Study Competition; have recruited 2019-2020 team
- Continue to host the Mid-South Agricultural Finance Conference and the Financial and Management Bootcamp.
- Continue to support the undergraduate Commercial Banking class, Ag Finance 465 class and assist students with internships and employment opportunities.

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 is oriented to supporting 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

Developed and coordinated Pitch Night for student entrepreneurs

- Aided in development of improved rules for judging pitches and provided student coaching

Supported Tennessee Jump\$tart (Financial Literacy)

- Served on Board of Directors for the statewide coalition
- Planned and actively supported the 2019 Convention for educational leaders and developed promotional materials

Developed curriculum for new Entrepreneurship track in Tennessee 4-H

Served on Board of Directors of Northwest Tennessee Entrepreneurship Center

Served as Task Force Member for Strategic Planning for HOPE of Martin Community Development Corporation

Presented papers at scholarly conferences:

- Chen, H. C., Cates, T. A., Cates, C., and Taylor, M. C. Southeast Decision Sciences Annual Conference (SEDSI), "Impact of HCAHPS Scores on Hospital Readmission Rates," Decision Sciences Institute, Savannah, GA.
- Parrott, S. D., Mehlhorn, J., Dalton, N., and Cates, T.A. "Soybean Biodiesel Blends and Price Pass-Through Behavior in Southeastern Retail Diesel Markets. Southern Agricultural Economics Association Meeting, Birmingham, AL.

Selected Published papers:

- Richards, J., Cates, T., Swart, J. *Entrepreneurship Project Outcomes Publication W 798 A* (pp. 1-2). Knoxville, TN: University of Tennessee Extension.

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.
- Continue to support development of Entrepreneurship as a track in Tennessee 4-H Clubs
- Serve as Coach and Mentor in the Entrepreneurship and Innovation Center at Williamson County Schools.