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Chairs of Excellence

October 2021
Annual Report



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Tennessee Higher Education Commission

Chairs of Excellence

2020-2021

The 2020-2021 Chair of Excellence report fulfills a statutory requirement of the Tennessee Higher Education Commission to address the general status of the Chairs of Excellence program; the impact that the Chairs of Excellence program has had on higher education institutions and programs; and recommendations to enhance the effectiveness of the program (T. C. A. § 49-7-502).

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

The following pages provide a list of all Chairs of Excellence, sorted alphabetically by institution, and includes the date the Chair was established, identifies the current Chairholder, and documents the current status, perceived impact, and recommendations for increased efficacy of the work of the Chair. As of October 2021, 19 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 2021

Institution	Number of Chairs of Excellence	Number Filled	Percent Filled
Austin Peay State University	4	3	75%
East Tennessee State University	8	7	88%
Middle Tennessee State University	10	6	60%
Tennessee State University	2	0	0%
Tennessee Technological University	2	2	100%
University of Memphis	24	20	83%
Total Locally Governed Institutions	50	38	76%
UT Chattanooga	10	10	100%
UT Health Science Center	19	15	79%
UT Knoxville	18	15	83%
UT Martin	3	3	100%
Total University of Tennessee System	50	43	86%
Total	100	81	81%

Austin Peay State University, 2020-2021

Chair of Excellence	Date Established	Chairholder
1) Roy Acuff Chair of Excellence in Creative Arts	March 1986	Sarah Kay
2) APSU Foundation Chair of Excellence in Free Enterprise	June 1987	Dr. Michael Phillips
3) Harper-Bourne Chair of Excellence in Business	June 1987	Dr. Emily Lean
4) Lenora C. Reuther Chair of Excellence in Nursing	Sept 1993	Dr. Patty M. Orr (retired May 2021) and is currently vacant for 2021-22

Austin Peay State University

Roy Acuff Chair of Excellence in Creative Arts

Status of the Chair of Excellence

The *Roy Acuff Chair of Excellence in Creative Arts* rotates through APSU's four arts departments – Music, Theatre and Dance, Creative Writing, and Art and Design – on a four-year cycle. The 2020-2021 year was assigned to the area of Creative Writing. Spoken-word poet and public speaker, Sarah Kay, was selected to be the 2020-2021 Acuff Chair of Excellence and was under contract. However, with the uncertainty of the ongoing COVID-19 pandemic and the intended impact of the Acuff Chair as a visiting artist residency, the CECA Director, Dean of the APSU College of Arts and Letters, Creative Writing faculty, and Sarah Kay elected to hold all Acuff Chair activities for one year. Acuff Chair activities will resume in the Fall of 2021. Sarah Kay will begin one of three campus residencies in October of 2021. Sarah Kay is an American poet whose Ted Talks and spoken word poetry performances have gone viral on social media. Kay is also the founder and co-director of Project V.O.I.C.E., a program that uses spoken word poetry to enhance educational curriculum.

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

The Acuff Chair is an important complement to the Center of Excellence for the Creative Arts' mission to inspire and educate APSU students and the community in the importance of the creative arts. The Acuff Chair offers high-quality educational experiences by bringing renowned writers and artists to work with undergraduate and graduate students through master classes and mentorships. There were no activities for the Acuff Chair in 2020-2021, due to the ongoing COVID-19 pandemic.

Recommendations to Enhance the Effectiveness of the Program

The APSU Center of Excellence for the Creative Arts is committed to integrative learning. This objective could also serve across the chairs of excellence in all disciplines if the state would support an annual symposium of the chairs to discuss how cross-disciplinary integrative learning might be furthered within the Tennessee higher education system. It is the opinion of the CECA Director and the Dean of the College of Arts and Letters at APSU that, while hosting several guest artists can be good for variety, this approach dilutes the intended impact of the Acuff Chair of Excellence. Therefore, each department is allowed to 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 2020-21. Dr. Phillips has had a distinguished career as a faculty member at Austin Peay State University. Dr. Phillips has an active research agenda, including a recent publication in *Managerial Finance*, a leading peer review journal. Furthermore, Dr. Phillips is a mentor to students participating in the Tennessee Valley Authority Investment Challenge and sits on the board for the Larry W. Carroll Gobs 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 2019-20 academic year, the chairholder advised Austin Peay students participating in the Tennessee Valley Authority's (TVA) Investment Challenge, where the APSU team finished 2nd out of teams from 25 institutions within the TVA region. Furthermore, the chairholder advised students participating in the CFA Institute Research Challenge and the college's Larry W. Carroll Gobs Fund—a \$500,000 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. During the 2020-21 year, the chair position was held by Dr. Emily Lean, Associate Dean for the College of Business and Professor of Management. Dr. Lean has had a distinguished career with several highly ranked journal publications and was instrumental in Union University attaining initial AACSB accreditation. As the Harper-Bourne Chair of Excellence, Dr. Lean serves as the College of Business Associate Dean and Director of Graduate Business Programs.

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

The Harper-Bourne Chair of Excellence in Business is an important complement to the programs and faculty of the College of Business. As the Harper-Bourne Chair of Excellence, Dr. Lean serves as the college's Associate Dean and Director of Graduate Business programs. Dr. Lean also oversees the college's assessment activities for AACSB and SACSCOC accreditation. During her first year as the Harper-Bourne Chair of Excellence, Dr. Lean worked with the college faculty to adopt new learning goals/competencies for all business degree programs and to enhance graduate recruitment efforts. Dr. Lean has also made an impact on the college's graduate programs. Heading into the fall 2021 term, the College of Business leads all other APSU colleges in graduate enrollment growth.

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. To this end, it will be helpful if the College of Business could use the Harper-Bourne Chair of Excellence's Bond Reserve Balances for non-recurring expenditures that support all College of Business graduate faculty, thereby enhancing the quality of the school's graduate programs.

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

Status of the Chair of Excellence

Dr. Patty Orr has been the chairholder of the *Lenora C. Reuther Chair of Excellence in Nursing* for the past 13 years and retired in May 2021. The Chair will be vacant during 2021-22 and a search will be conducted during the 2021-22 academic year.

East Tennessee State University, 2020-2021

Chair of Excellence	Date Established	Chairholder
1) AFG Industries Chair of Excellence in Business and Technology	March 1987	James L. Harlan, II
2) Allen and Ruth Harris Chair of Excellence in Business	June 1988	David Golden
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. Brittany Hott
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	Vacant since 2020, Search in Progress

East Tennessee State University

AFG Industries Chair of Excellence in Business and Technology

Status of the Chair of Excellence

James L. Harlan II was named *AFG Industries Chair of Excellence in Business and Technology* on September 1, 2020. Prior to his appointment, Mr. Harlan held technical and executive leadership positions within engineering, operations, supply chain and businesses spanning twelve countries and four continents for 37 years with Eastman Chemical Company.

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

Mr. Harlan serves as Chair and as a professor for undergraduate and graduate capstone courses in both business and engineering technology within the ETSU College of Business and Technology. The Chair is launching the CBAT Career Academy that brings together a diverse cohort of business and technology students, engaged faculty and external business sponsors to provide a unique learning opportunity aimed at developing future leaders for our region and world. He also leads the Conceptual Planning Team for Sam Wilson Hall Expansion to provide functional integration and future physical space needs; as well as development of the project's case-for-need, conceptual scope definition, and execution approach, which are targeted for completion in April 2022.

The Chair Supports regional economic growth by serving on the Advisory Board for CBAT's Center for Supply Chain Collaboration, Johnson City Chamber's Small Business Development Council, and Board of Directors for Tennessee Center for Performance Excellence. He has also helped secure foundation grants for Create Appalachia (arts and technology incubator) and establishment of an e-Sports program for Sullivan County middle and high schools. The Chair is active in promoting regional philanthropy and networking by serving as Vice-Chairman of East Tennessee Foundation, President of QUEST Foundation for Washington County Schools, Board of Directors for Johnson City Public School Foundation and Board of Regents for Carson-Newman University.

Recommendations to Enhance the Effectiveness of the Program

Continuing to advance regional partnerships, programs and networks started during the first year of the new AFG Chair of Excellence's appointment.

East Tennessee State University

Allen and Ruth Harris Chair of Excellence in Business

Status of the Chair of Excellence

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

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

Mr. Golden serves as a professor for graduate courses in global business, health and environmental law, and strategy in the Colleges of Business and Technology and Public Health as well as CEO of the ETSU Research Corporation with responsibilities that include ETSU's i-Lab and Valleybrook Campuses. The Chair launched the ETSU Research Corporation (www.etsurc.org), which convenes and connects across the campus and the Region driving collaboration, innovation, and economic prosperity. The Chair is heavily engaged in public/private strategy to drive regional economic prosperity led by ETSU and other major local employers. The Chair acted as convener on recruitment of two early-stage, VC-funded companies located in New York City and helping drive B-round funding for one of the enterprises as well as being instrumental in helping to obtain grants for high-speed internet and sewer to the Valleybrook Campus.

Mr. Golden leads ETSU partnerships with world-class organizations such as the Massachusetts Institute of Technology, the Woods Hole Oceanographic Institution, RSS, Marine Advanced Technology Inspiration for Innovation, the Brand Storytelling Network, Music for All, the Niswonger Foundation, and Ballad Health to drive innovation, workforce development, tourism, and regional economic prosperity. Activity benefitting and promoting our region includes service on the boards of the State Collaboration on Reforming Education (SCORE), the Niswonger Foundation, Ballad Health, the University of Tennessee's Howard H. Baker Center for Policy, and Leadership Tennessee.

Recommendations to Enhance the Effectiveness of the Program

It is recommended that the Chair continuing to drive the strategy, growth, and impact of the ETSU Research Corporation.

East Tennessee State University

Carroll H. Long Chair of Excellence for Surgical Research

Status of the Chair of Excellence

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

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

Dr. Williams and his research group are focused on the role of innate immunity and organ injury in the response to sepsis and septic shock. His research group was among the first to demonstrate that glucan agonists activate PI3k/Akt dependent signaling and that glucan induced PI3k/Akt dependent signaling was essential for induction of protection against polymicrobial sepsis. These and other studies provided the background for his current research on the role “trained immunity” in prevention and management of sepsis. Dr. Williams teaches and mentors undergraduate, medical and graduate students, postdoctoral fellows, surgical residents, and junior faculty. He also serves as the co-Director for the ETSU Center of Excellence in Inflammation, Infectious Disease and Immunity. During the 2020-2021 academic year, Dr. Williams authored or co-authored (with students, postdoctoral fellows, faculty, and collaborators at other universities) 14 peer reviewed scientific papers and 10 scientific abstracts and/or presentations at national and international meetings. Two of the abstracts won awards at national and international scientific meetings.

In 2021 Dr. Williams was an invited speaker at the Trained Immunity symposium presented by the Society for Leukocyte Biology. He serves on the editorial boards for four 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 25 years. His research has just been re-funded (8/1/21) by NIH for an additional four years. He is currently the PI on two NIH RO1 grants and is a co-investigator on three NIH RO1 and R21 grants.

Recommendations to Enhance the Effectiveness of the Program

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

East Tennessee State University

Cecile Cox Quillen Chair of Excellence in Geriatrics and Gerontology

Status of the Chair of Excellence

The status of the Chair of Excellence is excellent. Under Dr. Ronald C. Hamdy, the Osteoporosis Center maintained productivity while diligently adhering to COVID-19 safety protocols utilizing Telehealth and continues to serve patients to the highest standard. The Osteoporosis Center has seen an increase in external referrals in addition to maintaining the previous level of internal referrals. The geographical reach of the Osteoporosis Program is expanding as the center sees patients from further outlying areas. The Osteoporosis Program is collaborating with area health departments to reach out to the community and provide DXA bone density screenings to uninsured patients for Osteoporosis Awareness Month.

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

The Chair's Teaching Program continues to flourish. The Chair extended outreach via remote visual telecommunication to deliver educational presentations locally, nationally, and internationally.

The Research/Publications Program is thriving and includes:

- Collaboration with ETSU Nutritional Science and Chemistry departments to expand on previously published research on Vitamin D biodegradation in food. (Early results published in *J Clin Nutr Food Sci* 2019.)
- Authoring a new book on the diagnosis and treatment of osteoporosis, due to be published by Elsevier publishers.

The Chair maintains national and international visibility:

- After completing the 2-year term as President, Geriatric Section, of the Royal Society of Medicine, England, the Dr. Hamdy assumed responsibilities of "Immediate Past President" in 2021, leading a four-part international conference on major neurocognitive disorder remotely via video conference.
- The Chair is Editor-in-Chief of the *Journal of Clinical Densitometry*, the official Journal of the International Society for Clinical Densitometry, and Editor of the *Journal of Gerontology and Geriatric Medicine*.

Recommendations to Enhance the Effectiveness of the Program

Expand the research program on vitamin D biodegradation in food. Expand Osteoporosis Program including clinical, research and teaching activities.

East Tennessee State University

James H. Quillen Chair of Excellence in Education

Status of the Chair of Excellence

Dr. Aimee Govett left the role of *James H. Quillen Chair of Excellence in Education* at the end of 2020. A national search was held to identify the next chairholder. After a rigorous search process, Dr. Brittany Hott was hired as the Quillen Chair of Excellence. Dr. Hott has an international reputation as a scholar, extensive experience working with rural schools as well as in higher education, and an impressive research record that has generated extramural funding and impact on the fields of education and wellness. As James H. Quillen Chair, Dr. Hott will carry out the recommendations to enhance the effectiveness of this role on the college, university, region, state, and beyond. Following interruptions due to COVID responses, Dr. Hott will begin in 2022.

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

The recent search process for the incoming Chair of Excellence focused on identifying a strong leader who is notable in research and scholarship in hopes of facilitating Clemmer Faculty and Students in furthering their own research and scholarship activities. Dr. Hott will work with other colleges and regional organizations to develop rural education, health, wellness, and community development of our region. The person serving in this role will:

- Maintain a personal research program of national and international importance, involve faculty and students in research projects that will build a national reputation for the group,
- Obtain research funding from state, federal, and foundation agencies,
- Assist in the recruitment of outstanding faculty, and graduate students,
- Teach graduate courses, organize research seminars, and supervise special projects,
- Work with faculty outside the college and leaders throughout the region to improve the quality of life of individuals in our region,
- Lead the design of curricula, courses, and programs that integrate current methodology and evidence-based practices for preservice and in-service educators,
- Provide supports for the inclusion of technology to connect education in the region with the world.

Recommendations to Enhance the Effectiveness of the Program

Serve as a spokesperson for and advocate for improvement of teaching and learning at all levels.

East Tennessee State University

LeeAnne Brown and ETSU Physicians & Associates

Chair of Clinical Excellence

Status of the Chair of Excellence

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

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, among others) in Southern California. Dr. Hajianpour has established a comprehensive genetics program in East Tennessee since coming to ETSU. Clinical research and publication are part of the program. Fellowship training in medical genetics and laboratory genetics is planned pending funding. ETSU Genetics is the follow-up site for the State's Newborn Screening Program. Dr. Hajianpour is on the Board of State's Genetics Advisory Committee (Reappointed to 6/2024).

Recommendations to Enhance the Effectiveness of the Program

- Provide educational genetics lectures to the community physician/health providers.
- Develop dedicated ETSU/Genetics websites with online communication and service.
- Add Genetic Counselor/Nurse Practitioners (NPs)/Nurses as services expand (currently, two Licensed Practical Nurses (LPN) & two Genetic NPs are employed).
- Add Medical/Biochemical Geneticist with expansion of the program (if funded).
- Conduct clinical research on patients seen at the ETSU/Genetics (completed two projects: Genetic Causes of Autism, and Regional Distribution of Genetic Disorders).
- Start a clinical database: "Geographical Distribution of Genetic Disorders" for the East Tennessee region (done) with gradual expansion: statewide, nationwide and worldwide.
- Follow State of Tennessee Genetic Advisory Committee guidelines to expand genetic services in East Tennessee to qualify for additional funding from the State.

East Tennessee State University Paul Dishner Chair of Excellence in Medicine

Status of the Chair of Excellence

Established in 1989, the primary focus of the *Dishner Chair of Excellence in Medicine* is to enhance research efforts in the Quillen College of Medicine. Dr. Koyamangalath Krishnan, the chair holder since 2006, is a Professor of Medicine, Department of Internal Medicine. He is also 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 with laboratory and patient-centered research in a collaborative manner and is actively involved in providing opportunities and mentoring for trainees in the Department of Medicine and in the College of Medicine. His published papers reflect collaboration with the Department of Pediatrics in the Quillen College of Medicine, the Gatton College of Pharmacy, and Department of Family Medicine. The focus of the Chair holder's laboratory research has been the study of mechanisms of cancer preventive drugs, contributing to the mechanistic development of these promising chemo preventives for clinical study. Current research focus in the laboratory 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. Dr. Krishnan's research efforts have led to several positive developments, including improvement in the publication quality in the Department of Internal Medicine, fostering a multidisciplinary effort in Vitamin E research. Recently a state-of-the-art image analyzer acquired through endowed funds was opened out to the research community as a core facility of the Department of Medicine. The In•Vivo Xtreme Imaging System (Bruker BioSpin Corp., Billerica, MA) is an optical and X-ray small animal imaging system that can noninvasively view and measure the levels of optically tagged molecules in a live animal.

Recommendations to Enhance the Effectiveness of the Program

Expand publicity to include news releases and improve dissemination via dedicated ETSU websites detailing opportunities and activities. Build a University wide collaborative cancer research group with particular emphasis on cancer prevention efforts. Identify and provide scholarship and research opportunities to internal medicine residents and fellows and medical students in the College of Medicine. Continue to work on mechanism-based laboratory research on promising cancer preventive drugs like tocotrienols and metformin.

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 1995 and named for a long-time university supporter. The Basler Chair of Excellence has been filled every year since 1996 (with the exceptions of 2014-15 and 2020-21) with international-acclaimed scholars in fields ranging from art, music, and theatre to mathematics, biology and astronomy, history, and broadcasting. It is a rotating position held for one semester per academic year, allowing representation of a variety of fields to bring together faculty and students from across the sciences, the arts, and the humanities. Chairholders typically teach two courses in their discipline, present four public lectures or performances, and participate in instructional and research activities across the College of Arts and Sciences. Holders of the Basler Chair are selected through nominations from the faculty based on how the individual would contribute to the interdisciplinary nature of the position. Robert Morgan, Kappa Alpha Professor of English at Cornell University was selected to hold the Basler Chair for the 2020-21 academic year, but his residence at ETSU was delayed until the 2021-22 academic year due to the COVID-19 pandemic. Professor Morgan recently notified us that he would not be able to hold the Basler Chair due to health issues. The Basler Selection Committee is actively engaged in contacting alternates to take Professor Morgan's place as Basler Chair in spring 2022.

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

We are currently in the process of finalizing the process of filling this position, which will begin in Spring 2022. The individual will engage in teaching and public lectures as described above. We are particularly seeking an individual with interest areas in Appalachian literature which will establish synergies with the Departments of Literature and Language and Appalachian Studies.

Recommendations to Enhance the Effectiveness of the Program

The Basler Chair of Excellence has been highly effective in bringing a wide range of scholars to ETSU to teach and to present their work to the campus and the community. Those who have taken advantage of their courses and presentations have been enriched by them, but those numbers vary considerably and depend on the advertising of the host department. A more centralized advertising effort at the college level will be implemented during the next Basler Chair's visit to enhance participation.

Middle Tennessee State University, 2020-2021

Chair of Excellence	Date Established	Chairholder
1) John Seigenthaler Chair of Excellence in First Amendment Studies	March 1986	Vacant since 2011, currently directed by Ms. Deborah Fisher since 2016
2) Jennings A. Jones Chair of Excellence in Free Enterprise	March 1986	Mr. Aubrey B. Harwell, Jr.
3) Carl Adams Chair of Excellence in Health Care Services	June 1987	Vacant since 2019
4) National HealthCare Chair of Excellence in Nursing	June 1988	Dr. Deborah Lee
5) Robert E. and Georgianna West Russell Chair of Excellence in Manufacturing	June 1988	Vacant since 2019
6) Katherine Davis Murfree Chair of Excellence in Dyslexic Studies	June 1988	Dr. Timothy Odegard
7) Mary E. Miller Chair of Excellence in Equine Health	June 1995	Dr. 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	Dr. Murat Arik Effective January 2022
10) Joey A. Jacobs Chair of Excellence in Accountancy	June 2013	Vacant since 2020

Middle Tennessee State University John Seigenthaler Chair of Excellence in First Amendment Studies

Status of the Chair of Excellence

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

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

The First Amendment Encyclopedia, which the Seigenthaler Chair launched in September 2017 at <http://mtsu.edu/first-amendment/>, continues to be updated with fresh information and again almost doubled its traffic year over year from about 10,000 users a day in Spring 2020 to about 17,000 a day in Spring 2021. The searchable encyclopedia is the most comprehensive, free resource of its kind online and achieves a major mission of promoting awareness and understanding of the First Amendment. Additionally, the director of the chair:

- Hosted a Zoom panel in September 2020 on “Racial Justice Protests and the First Amendment” with a scholar in African American history, a First Amendment expert, and a frontline journalist covering protests in Portland.
- The director of the chair taught Editing classes in the fall and spring in the School of Journalism and Strategic Media, incorporating First Amendment modules related to press freedom and privacy.
- Funded Summer 2021 feature-writing class in which a journalism professor took students to upper East Tennessee to produce stories for community newspapers. For many students, this was their first experience writing and reporting outside of a classroom.

Recommendations to Enhance the Effectiveness of the Program

- Continue development of the First Amendment Encyclopedia and continue to provide relevant, timely educational resources and First Amendment programming to students. Work in coordination with the new Free Speech Center to maximize impact.
- Fall 2021 program to include Mitchell Jackson, winner of 2021 Pulitzer Prize in Feature Writing. Also plan to host panel on evolving concerns over social media tech giants and their impact on free speech and political discourse.

Middle Tennessee State University

Jennings A. Jones Chair of Excellence in Free Enterprise

Status of the Chair of Excellence

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

Due to the COVID-19 Pandemic and the Centers for Disease Control (CDC) guidelines, the fall 2020 conference entitled “2020 Leadership Summit” was cancelled. No awards were awarded.

Recommendations to Enhance the Effectiveness of the Program

Jones College has delivered a proposal to the Jennings and Rebecca Jones Foundation regarding a redeployment of this Chair of Excellence that would be in line with the original intent of the donor. We expect to make a final decision on redeploying the Chair in Fall 2021.

Middle Tennessee State University

Carl Adams Chair of Excellence in Health Care Services

Status of the Chair of Excellence

The *Carl Adams Chair of Excellence in Health Care Services* provides a platform for Middle Tennessee State University to engage an interdisciplinary group of scholars, in partnership with the community and external funding sources, to support healthcare workforce development and promote healthy communities. The Adams Chair is currently vacant following the retirement of Dr. Martha Jo Edwards, chairholder from 1992-2019. Dr. Edwards was also the founding director of the Center for Health and Human Services (CHHS), which has worked in tandem with the Adams Chair to secure funding for and manage projects totaling over \$11 million.

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

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

- Rapid Response COVID-19 grant through the U. S. Department of Agriculture's (USDA) National Institute of Food and Agriculture covering an 11-state area,
- Tennessee Department of Environment and Conservation (TDEC) grant to address environmental health and water quality,
- Substance Abuse and Mental Health Services Administration (SAMHSA) grant to support the Mental Health First Aid program on the MTSU campus,
- Tennessee Department of Health contract to train first responders on infant death scene investigation (DSI),
- Rural Communities Opioid Response Program (RCORP) grant through the Health Resources and Services Administration (HRSA) for rural, Tennessee communities which addresses the opioid epidemic through a needs assessment and gap analysis.

Recommendations to Enhance the Effectiveness of the Program

MTSU will begin recruiting a senior research scientist and health care expert to the Adams Chair in 2022. The new chairholder will continue to collaborate with the CHHS and is expected to bring existing funding and/or a long-term, robust, focused, and sustained plan for securing additional dollars to further support the Chair's work. That plan is expected to include strategies for securing grant dollars in the field of health care from funders such as the National Institutes of Health and the National Science Foundation.

Middle Tennessee State University National HealthCare Chair of Excellence in Nursing

Status of the Chair of Excellence

The *NHC Chair of Excellence in Nursing* was established to influence and contribute to aspects of nursing education, practice, research, and leadership in Tennessee, particularly in the mid-state area, with regard to caring for the aging and older adult population. Dr. Deborah Lee has served in the role since January 2019. During this past year, the focus has been on scholarship, faculty development, and preparations for the inaugural Positive Aging Conference to be held at MTSU, October 15, 2021. The pandemic significantly diminished activities to build new partnerships within and outside the university.

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

This past year, Dr. Lee co-authored two articles published in peer-reviewed journals with two articles currently in process, one of which has been submitted for review and the other will be submitted during fall semester. Three grant proposals were submitted this past year, one in partnership with NHC to develop a nurse residency program for long-term care and two with faculty from Vanderbilt University School of Nursing to convert Frailty-focused Communication (FCOM) workshop content to web-based modules. Unfortunately, these proposals, although highly rated, were not funded. Currently, along with an MTSU School of Nursing (SON) colleague, Dr. Lee is developing a grant proposal for internal funding to conduct a needs assessment of certified nursing assistants in the state. Last year, along with faculty from another department, Dr. Lee's Faculty Learning Community (FLC) proposal, Motivational Interviewing as Pedagogy, was selected. Due to the pandemic, the activity was postponed. The proposal was re-submitted this year and selected again as an FLC offering for the 2021-2022 academic year. As an active member of the SON Faculty Services Committee, Dr. Lee continues to promote faculty development. This past year, and the upcoming year, the focus is developing faculty skill in writing exam questions to prepare students for the revised national nursing registration exam (NCLEX).

Recommendations to Enhance the Effectiveness of the Program

Increasing opportunities and capacity for faculty research is necessary to continue to build scholarship within the faculty, contribute to nursing science, and enhance student involvement in research. Heavy teaching loads often preclude faculty from devoting time to scholarly activities. Due to challenges with low salary and teaching loads, the SON struggles to recruit and retain faculty. Decreasing faculty teaching and increasing faculty pay will be necessary to move forward scholarship and recruitment within the program.

Middle Tennessee State University

Robert E. and Georgianna West Russell

Chair of Excellence in Manufacturing

Status of the Chair of Excellence

The *Robert E. and Georgianna West Russell Chair of Excellence in Manufacturing* was founded to enhance the quality of manufacturing education, support the existing manufacturing concerns, and attract new manufacturing activity to the middle Tennessee region. The Chairholder is charged with continuously improving the image of MTSU and the industrial studies program; developing and maintaining adequate diversity in study areas to ensure a multidimensional student body in terms of experience, interests, and abilities; involving faculty members actively in industrial programs to ensure the continuous improvement of their cutting-edge skills and the relevancy and immediacy of the materials they impart to the student body; and making MTSU an institution of choice for those wishing to pursue excellence in manufacturing. The position was held by Dr. Charles Perry from March 2004 - June 2019. With Dr. Ken Currie joining the Department of Engineering Technology as the chairperson on August 1, 2021, the Russell Chair position will be advertised in the 2021-2022 Academic Year.

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

Prior to his retirement, Dr. Perry's unique dual stator radial flux motor for both D. C. Brushless and Switched Reluctance applications was developed in collaboration with Mr. James Hendershot of Motorsolver, LLC. Dr. Perry designed and built a system to accurately measure magnetic force as a function of rotor position and magnetic field strength in a dual stator configuration. Dr. Perry donated the dual stator magnetic force measurement system to the Engineering Technology Department. Dr. Vishwas Bedekar and his PhD student from the Computational Sciences Program have been using this system in their inductive energy harvesting system measurements. Dr. Perry had six issued U. S. Patents and two pending from his time as Chair of Excellence. Dr. Perry also started the successful Intern Fair for connecting students to companies. During last two academic year (2019-2021), the ET department has expanded the fair to two times a year and had 25+ companies participate in each. The department continues its commitment towards students and companies by organizing a virtual job fair in fall 2021 due to the COVID-19 pandemic.

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.

Middle Tennessee State University

Katherine Davis Murfree Chair of Excellence in Dyslexic Studies

Status of the Chair of Excellence

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

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

Dr. Odegard continued to impact initiatives outlined for the Chair positively. He led the efforts of the Center for Dyslexia to provide workshops to raise awareness of dyslexia, provide critical information about the identification of individuals with dyslexia, and effective instruction and intervention to meet their needs. He expanded the delivery of professional development to educators and outreach efforts to parents to include virtual platforms, growing the reach and impact across the state and beyond. He continued to prioritize the development of freely available resources on dyslexia and effective reading instruction in the form of video content and practice guides for parents and educators. Dr. Odegard 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. Research in these areas was published, shared through presentations at international conferences, and in the Center's newsletter. He also served as the Editor-in-Chief of the research journal *Annals of Dyslexia*.

Recommendations to Enhance the Effectiveness of the Program

In the upcoming year, the Chair will continue to lead efforts of the Tennessee Center for Dyslexia to provide services to the state as described above. He will also continue to strive to increase and expand the ongoing research efforts associated with the Chair.

Middle Tennessee State University

Mary E. Miller Chair of Excellence in Equine Health

Status of the Chair of Excellence

The purpose of the *Mary E. Miller Chair 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 undergraduate and graduate courses in equine exercise physiology, as well as in equine event and facility management, equine evaluation and selection, and equine industry capstone courses. Dr. Spooner is the Graduate Director for the M. S. in Horse Science program and has chaired the committees of 28 completed M. S. students to date.

Dr. Spooner continues to have high research productivity. She investigates the use of new technologies and alternative therapies in the horse industry. She is currently conducting research on the influence of common equine protective legwear on surface and tendon temperatures in the equine limb and its contribution to tendon pathology. Dr. Spooner has recently published research on long-term furosemide use in the horse as well as vibration therapy. Dr. Spooner also recently investigated perceptions and use of equine safety equipment by riders and perceptions of alternative therapies in the horse industry. In Summer 2021, Dr. Spooner's graduate students presented six abstracts at the international Equine Science Society Symposium, which was held virtually.

Dr. Spooner serves on the Board of the Equine Science Society, on the American Quarter Horse Association (AQHA) Equine Research Committee, and as a Committee Co-Chair for the American Youth Horse Council. Dr. Spooner coaches the MTSU Horse Judging Team and frequently travels to Europe with MTSU students to conduct horsemanship clinics on behalf of the AQHA. She also serves as an external reviewer for the Equine Science Program at the University of Limerick in Ireland. She works with Tennessee 4-H and Tennessee FFA to provide educational opportunities and horse judging contests. Dr. Spooner was the 2020 recipient of the 2020 MTSU Public Service Award for her outreach.

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., which has funded research projects that have resulted in peer reviewed publications, and discussion is under way for more studies. Dr. Haffner presented two papers at the Global Equine Endocrinology Symposium in Gut Ising, Germany. He also presented a paper at the American College of Veterinary Internal Medicine Annual Forum and a paper at the American Association of Equine Practitioners annual meeting. Dr. Haffner oversees all health programs for the equine herd at MTSU and is a guest lecturer in several animal science courses. He provides veterinary service to university clients who breed mares to the stallions housed at the Horse Science Center. This activity produces income for the program.

Additionally, Dr. Haffner brings an international connection as he travels to Mongolia to teach and conduct research since 2000. As a result of his relationships in Mongolia, a memorandum of understanding between MTSU and the Mongolian School of Veterinary Medicine where he holds a position of Adjunct Professor was established to further veterinary education in that country. He was recognized in 2019 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.

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

Due to the COVID-19 Pandemic and the Centers for Disease Control (CDC) guidelines, no activities or programs were provided.

Recommendations to Enhance the Effectiveness of the Program

President McPhee has approved the proposal to tie this Chair of Excellence to the position of the Director, Business and Economic Research Center (BERC) which would make the Director the Chairholder. Pursuant to MTSU Board of Trustees approval, the BERC Director will assume the Chair of Excellence as of the soonest practical date, but no later than January 1, 2022. The Chairholder will report directly to the Dean, Jones College of Business on matters regarding the Chair. Dr. Murat Arik will assume the Jennings and Rebecca Jones Chair of Excellence in Urban and Regional Planning effective January 2022.

Middle Tennessee State University

Joey A. Jacobs Chair of Excellence in Accountancy

Status of the Chair of Excellence

The *Joey A. Jacobs Chair of Excellence in Accountancy* was established to support the University's degree programs in accounting and other centers and institutes within MTSU. The Chairholder decided to resign from the position in May 2020 for personal reasons. The chairholder search has been restarted and the Jones College is currently engaged in a national search for a replacement.

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

The Chair was vacant in the 2020-21 academic year, but funds from the Chair have supported the process of searching nationally for a new chairholder.

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. The goals for the next Chair of Excellence remain the same ones that Mr. Walker had started to work toward during his one year in the position: 1) developing a healthcare accounting and auditing program that can be offered to accounting students in their senior year and/or at the graduate 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 Department of Accounting to enhance/expand CPE offerings in the area.

Tennessee State University, 2020-2021

Chair of Excellence	Date Established	Chairholder
1) Frist Chair of Excellence in Business	July 1992	Dr. Stephen B. Shanklin (Retired December 2020), Currently vacant, search in progress.
2) Chair of Excellence in Banking and Financial Services	March 1998	Vacant since 2018

Tennessee State University Frist Chair of Excellence in Business

Status of the Chair of Excellence

The *Frist Chair of Excellence in Business* presently has a focus on Accounting. The Chair was held by a distinguished academician and practitioner, Dr. Stephen B. Shanklin, until his retirement in December 2020. Dr. Shanklin held a Ph. D. in Accounting & International Business from Saint Louis University, an MBA and a B. S. in Accounting from the University of Tennessee at Martin, and a B. S. in Business Administration from Murray State University. He also held an active CPA certification in Tennessee and the CGMA certification from the AICPA and CIMA in Great Britain. The Chair is presently vacant. The position opening will be advertised during the 2021-2022 Academic Year.

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

The Frist Chair has continued to capitalize on the dynamic economic growth of the greater Nashville area to produce opportunities for synergy in programs that advance student professional development and encourage greater numbers of better prepared students to enter career paths related to the profession of Accounting. Impactful activities of the Frist Chair during the 2020-2021 academic year include the following:

- Provided underwriting support to qualified students in the College's Executive MBA Program,
- Provided scholarship awards for outstanding Accounting students,
- Sponsored the VITA Tax Program in concert with the United Way of Middle Tennessee and the members of Beta Alpha Psi.

Recommendations to Enhance the Effectiveness of the Program

The program will be more effective once a permanent Chairholder can be identified. A robust search will be held this academic year.

Tennessee State University

Chair of Excellence in Banking and Financial Services

Status of the Chair of Excellence

The *Chair of Excellence in Banking and Financial Services* is designed to serve as a catalyst for enhancing the College's research as well as curriculum development in the area of banking and financial services and has been vacant since 2018. Since the establishment of the Chair of Excellence, in concert with the banking community of Nashville, the College has enjoyed the benefit of having distinguished professionals serve in the capacity of Chair holder. Previous chair holders include Dr. Jerry Crigger, a former banking executive, and Dr. LaVaughn Henry, Analyst in the Banking and Regulatory Policy Section at the FDIC. The Chair is presently vacant. In discussions with the College's Economics and Finance Advisory Board of industry leaders, the job description and qualifications for eligible candidates were refined. A robust search to find the best candidate to fill the position will occur during the 2021-2022 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 linkages with the banking and financial services industry. The Office of the Chair of Banking and Financial Services was a sponsor of the College of Business Virtual Leadership Forum conducted and supported by Fifth Third Bank. The event featured 9 executives from Fifth Third Bank including Kevin Lavender, Executive Vice President of Commercial Banking, who addressed the Forum theme: *Leading During Unconventional Times*. 129 students attended the event. The Office of the Chair of Banking and Financial Services also collaborated with Fifth Third Bank to sponsor an entrepreneurial and financial empowerment presentation by Dr. William Pickard, a multi-millionaire and author of "Millionaire Moves." Eighty-one students attended the event. The Office also provided scholarship awards for outstanding students with an interest in Banking and Financial Services.

Recommendations to Enhance the Effectiveness of the Program

The program will be more effective once a permanent Chairholder can be identified. A robust search will be held this academic year. Qualification requirements for potential candidates have been refined to include a focus on extensive executive level industry experience. The position has also been reclassified from a twelve-month position to a nine-month position with a year-to-year renewable contract. We believe these changes will greatly assist in recruiting the ideal candidate.

Tennessee Technological University, 2020-21

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

Tennessee Technological University

William E. Mayberry Chair of Excellence in Business Administration

Status of the Chair of Excellence

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

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

In 2020-21, Dr. Timmerman had two research papers accepted for publication:

- Green, J., & Timmerman, T. (2021). Are Millennials more likely to be abusive supervisors? *SAM Advanced Management Journal*, 86(2),5-14.
- Guimaraes, T., Paranjape, K., & Timmerman, T. (2021). Looking at the user side of software engineering for project success. *SAM Advanced Management Journal*, 86(2),15-31.

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

- Gurjar, M., and Natarajan, R., "Reindeer Apparels: the growth and evolution of a micro-enterprise" forthcoming in the *International Journal of Indian Culture and Business Management*.
- "Profit-Based Credit Models with Risk-Neutral, Risk-Averse, and Loss-averse Lending," presented at the annual conference (virtual) of Decision Sciences Institute (DSI), November 21-23, 2020.

Recommendations to Enhance the Effectiveness of the Program

The traditional activities of the Mayberry Chair of Excellence (e.g., hosting events on campus) were hampered by the global pandemic, but the time was used to formulate a new vision consistent with the new Chairholder's strengths and interests. Moving forward, there will be an increased emphasis on the behavioral aspects of quality management and performance excellence. Plans are in progress for new graduate courses, corporate outreach, professional education, and research.

Tennessee Technological University

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

Status of the Chair of Excellence

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

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

Dr. Tor Guimaraes is the recipient of the prestigious 2019-20 Caplenor Research Award and has been rated by several independent sources as one of the most productive researchers in the world based on publications in 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 for this year.

Publications (2020-21):

- Guimaraes, T., and Srinivasan, A., "Assessing the Overall Impact of Data Analytics on Company Decision Making and Innovation", *International Journal of Data Warehousing and Mining*, forthcoming (2021).
- Guimaraes, T., and Timmerman, T., "Looking at the User Side of Software Engineering for Project Success", *SAM Advanced Management Journal*, forthcoming (2021).
- 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, (2020), pp. 63-80.
- 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, (2020), pp. 47-64.

Presentations (2020-21):

- Guimaraes, T., Timmerman, T., and Bell, R., "Success Factors for Managing Technology for Business Innovation", SAMIBC, March 2021, Virtual/Cookeville TN.
- Guimaraes, T., Paranjape, K., and Walton, M., "Radical versus Incremental Product Changes as Moderator for NPD Success", SAMIBC, March 2021, Best Paper Award, Virtual/Cookeville TN.

Recommendations to Enhance the Effectiveness of the Program

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

University of Memphis, 2020-2021

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	Dr. Christos Papadopoulos (effective Fall 2021)
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	Dr. Steve Lin
13) Thompson-Hill Chair of Excellence in Accountancy	June 1986	Dr. Zabihollah Rezaee
14) Morris S. Fogelman Chair of Excellence in Real Estate	June 1986	Dr. Mark A. Sunderman
15) Wunderlich Chair of Excellence in Finance	March 1987	Dr. Thomas H. McInish
16) Chair of Excellence in Free Enterprise Management	June 1987	Dr. James Vardaman (effective Fall 2021)

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. Adrian Duran (effective Fall 2021)
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	Vacant since Feb 2021
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 UoM, College, and Programs

Summary of Publications: 2

- Published one book: *Isaac, The Passive Patriarch*, Wipf & Stock, 2020 and 1 article.
- Book and two articles forthcoming in 2021

Presentations: 6

- Two presentations at academic conferences and delivered 4 lectures for the community.

External Grants and Contracts: N/A due to COVID-19.

Service Contributions: N/A due to COVID 19.

Recommendations to Enhance the Effectiveness of the Program

Continue work 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 University of Memphis. Dr. Thomas Sutter, Professor of Biological Sciences and Chemistry, is the current Chairholder.

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

Summary of Publications: 8

- Dr. Sutter's research aims to understand the function of the aryl hydrocarbon receptor (AHR) and its role in skin health and disease. His recent work has important implications for the prevention and treatment of atopic dermatitis and psoriasis.
- He has five manuscripts in print, one in press, one preprint publication and two meeting proceedings. His work was cited 310 times in 2020 (9,852 total); his h-index is 55.

Presentations: 1

- Dr. Sutter had invitations to several national and international conferences that were cancelled due to COVID-19. He presented on the "Future of Pharmacology and Toxicology" in April 2021 at the school of medicine, ECU.

External Grants and Contracts: 3 Two active NIH and 1 UHSC/UM CORNET

- Three active awards, totaling more than \$2 million, support the research related to the AHR and more recently COVID-19. With this funding he supports several PhD scientists, graduate students, and undergraduates performing transformative research and creating new avenues of academic inquiry across disciplines. As an example, he and his collaborators recently reported on how the skin microbiome communicates with the host to promote a healthy skin barrier and facilitate repair.

Service Contributions (professional, university, and community):

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

Recommendations to Enhance 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 UoM, College, and Programs

Summary of Publications: 6

Presentations: 1

- Due to COVID-19, most conferences were canceled or held online.

External Grants and Contracts (expenditures and new awards): 2

- Began: "Applications of Probabilistic Combinatorial Methods" (DMS-1855745), National Science Foundation, w. P. Balister (Amount: \$405,000; Dates: 6/01/19-5/31/22).

Service Contributions (professional, university, and community):

- Served as General Editor of 8 academic journals and Editor-in-Chief for one journal,
- Served as organizer of the Institute of Combinatorics,
- Coordinated and sought out funding for informal exchanges whereby students from the University of Cambridge's department of mathematics have come for extended visits to work with Memphis students and researchers,
- Served as reviewer for the European Research Commission.

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 Computer Science* 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 UoM, College, and Programs

Summary of Publications: 8

- Co-authored eight journal articles in the academic year 2020-21. These publications introduce new capabilities for monitoring and improving health and daily behaviors using wearable devices. This includes a new Artificial Intelligence (AI) algorithm that uses the sensors in smartwatches that allows detection of which tooth surfaces are brushed how well for those still using manual toothbrushes. Dr. Kumar published works are cited widely with an average of 100 citations per article.

Presentations: 7

- Made seven presentations in the academic year 2020-21 (despite the pandemic constraints).

External Grants and Contracts: 9

- Nine (9) external grants supported Dr. Kumar's research in the academic year 2020-21. Major grants where Dr. Kumar is the lead PI include a \$5.9 million national Biomedical Technology Resource Center (BTRC) involving seven institutions awarded by NIH in 2020, a \$4 million NSF grant involving 4 institutions awarded in 2016, and a \$1.75 million NSF grant involving five institutions awarded in 2018. These grants support 7 staff members and six doctoral students.

Service Contributions (professional, university, and community):

- Mentored six doctoral students and supervised seven staff at MD2K Center of Excellence that he directs. His MD2K Center receive wide visibility having 40,000 users from 165 countries. Open-source software developed by the MD2K Center is used for conducting scientific studies in 11 states, producing over 300 terabytes of mobile sensor data to support scientific research.
- Served as an Associate Editor for *Nature Digital Medicine* and *ACM Interactive, Mobile, Wearable and Ubiquitous Technologies* (IMWUT) Journal. In addition, he serves on the advisory boards of a \$40 million NSF Engineering Research Center (ERC) at NC State.

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 Chairholder since 2011.

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

Summary of Publications: 31

- Published 5 books (2 authored; 2 translations; 1 co-edited volume), 14 journal articles (4 co-authored with graduate students), and 12 book chapters (3 co-authored with graduate students).

Presentations: 17, 3 which were keynotes.

External Grants and Contracts: 2

- Listed as co-PI on two international grants, one just starting (based in Europe) and one coming to completion this year (based in Australia).

Service Contributions (professional, university, and community):

- **Community:** pro bono consultant and expert advisor for the *Trent Centre for Human Rights* on successful legal action involving a prisoner who was diagnosed with ASD and was in solitary confinement in Northern Ireland.
- **Profession:** Dr. Gallagher continued to serve as editor-in-chief of the journal *Phenomenology and the Cognitive Sciences*, ranked in top 10 Philosophy journals by Google Metrics. He also continued to serve on the American Philosophical Association's Eastern Division Program Committee; He served as external evaluator for the Konrad Lorentz Institut (Austria), the MacArthur Foundation, UAEU Research (2021) and the Wellcome Trust (2020). He was appointed to the editorial board of *Brentano Studies and the Aristotelian Tradition*. (2021-); *Philosophy and Cultural Embodiment* (2021-); *The Aurora Journal of Philosophy* (Brazil) (2020-), and to the "External Faculty" for the seminar *Neuroscience Applied to Architectural Design*, Università Iuav di Venezia (2020-21), and to the advisory boards of *Conceptual and Applied Approaches to Social Health* at the Norwegian University of Science and Technology, (2021-); and to *READY – Responsible and transparent data extended democracy* – a cross-disciplinary research project headed by Frederik Stjernfelt at Aalborg Universitet København, Denmark (2020-).
- **University:** served as Chair, P&T departmental committee (Fall 2020); member, CAS P&T committee (Fall 2020); member, Chairs of Excellence Advisory Committee to the President. Dr. Gallagher was on PDA in Spring 2021.

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 UoM, College, and Programs

Summary of Publications: 13

- Continued to publish articles and chapters in the trauma literature during 2020-2021, many in high-impact outlets within her field. Beck published 4 chapters (including one in the premier handbook in the trauma field), 8 peer-reviewed empirical articles, and 1 invited commentary. She maintained active data collection during the COVID-19 pandemic, addressing mental health needs in women who have experienced domestic violence in Memphis and Shelby County.

Presentations: 7

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

Grants and Contracts (expenditures and new awards): 0

Service Contributions

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

Recommendations to Enhance 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 Chairholder. 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 UoM, College, and Programs

Summary of Publications: 13

Presentations: 25

- Delivered 4 invited presentations and 21 other peer-reviewed conference presentations.

External Grants and Contracts (expenditures and new awards): 1

- Expenditures of approximately \$400,000 yearly, after cuts to an original budget of 3.2 million dollars for the life of the grant, which began Dec. 1, 2015 and is expected to extend through Nov. 30, 2022 with no-cost extensions.

Service Contributions (professional, university, and community):

- National and International (Professional)
 - Scientific Advisory Board of the LENA Foundation, Boulder, CO, since 2004
 - Editorial Board of the *Journal Biological Theory*, since 2006,
 - External Faculty Member of the Konrad Lorenz Institute for Evolution and Cognition Research, Klosterneuburg, Austria since 2006,
 - 2019-2020 Reviews for the journals *PNAS*, *Current Biology*, *Frontiers in Psychology*, *Cognitive Psychology*, *Biological Theory*, *Cognition*.
- University
 - Member of University Research Council
 - Member of Institute for Intelligent Systems Steering Committee
- School of Communication Sciences and Disorders
 - Chair of Tenure and Promotions Committee
 - Member of Dean's Advisory Committee
 - Member of PhD Program 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 National Institute of Health (NIH) funded research. Enhance international reputation with high level publications and international presentations.

University of Memphis

William N. Morris Chair of Excellence in International Economics

Status of the Chair of Excellence

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

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

Summary of Publications: (5)

- Published 4 journal articles and one book chapter and has 8 papers in progress.

Presentations: (3)

- 2 conferences and one presentation

External Grants and Contracts: n/a

Service Contributions (professional, university, and community):

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

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 continues to actively search 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. 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.

Dr. Christos Papadopoulos has been selected to fill this chair, effective Fall 2021.

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 currently Dr. Rajiv Grover.

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

Summary of Publications: 1

- Dr. Grover published one book, Virtual Business – Univ, www.precisedonline.com. It is positioned as capstone undergraduate and MBA course.

Presentations: 5

- Dr. Grover made presentations at Universities, (e.g., Shiv Nadar University, Claremont Graduate University), Corporate Education Centers, (e.g., Tata Management Training Center), Management Associations (e.g., Calcutta Management Association) and individuals representing organizations.

External Grants and Contracts: none

Service Contributions (professional, university, and community):

- Dr. Grover's service contributions have been to the profession and community because of his publications of online simulations.

Recommendations to Enhance the Effectiveness of the Program

The Vice President for Innovation and Research and the Provost are meeting with the new dean of the College of Business to prioritize and develop appropriate plans to ensure alignment with college and university priorities.

University of Memphis

James T. Thompson Chair of Excellence in Accounting Education

Status of the Chair of Excellence

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

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

Summary of Publication: 2

- Published two academic papers in the top journals in international accounting research during the reporting cycle. Both journals are A rated journals under the Australian Business Deans Council (ABDC) journal list. *Journal of International Accounting Research* is also rated as an A journal in the journal list of the Crews School of Accountancy, University of Memphis. Both papers are co-authored with Dr. Lin's previous doctoral students.

Main Presentations: 6

External Grants and Contracts:

- Dr. Lin has received a research grant of \$53,487 (in Canadian dollars) from the Social Science and Humanities Research Council (SSHRC) in Canada with Dr. Samir Trablesi at Brock University, Canada and Dr. Amna Chalwati at St Mary University, Canada. The title of the proposal is "International Financial Reporting Standards (IFRS) Adoption, Corporate Governance, and Bankruptcy Prediction: A Machine Learning Approach". Since the research grants and funds are scarce in accounting field, this grant is quite an achievement given how extremely competitive SSHRC has always been.

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

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

Recommendations to Enhance the Effectiveness of the Program

Maintain instructional and scholarly contributions to the university.

University of Memphis

Thompson-Hill Chair of Excellence in Accountancy

Status of the Chair of Excellence

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

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

Summary of Publications: 17

- Dr. Rezaee published 17 journal articles and 4 books

Presentations: 12

External Grants and Contracts (expenditures and new awards): 2

- Recipient of a research grant from the Association of Certified Fraud Examiners (ACFE) Research Institute to obtain their database in conducting a research on The Relation Between Business Sustainability, Corporate Governance and Financial and Non-Financial misconducts.
- Recipient of \$5,000 research grant from the Center for Workplace Diversity and Inclusion (CWDI) of the University of Memphis.

Selected Service Contributions (professional, university, and community)

- Served on the 2021 American Accounting Association (AAA) Outstanding Educator Award Committee.
- Cosponsored an open letter to SEC Chair, Gary Gensler "Repairing the US Financial Reporting System," June 17, 2021. One of the 33 signatories.
- Serve as the chair of the Faculty Senate Budget and Finance Committee to conduct review of educational and financial sustainability of all Academic Affairs Units at the University of Memphis in 2021.
- Serve as the chair of the faculty recruit committee of the Crews School of Accountancy, 2020.
- Serve as a senator and the chair of "Budget and Compensation Committee" of the Faculty Senate at the University of Memphis (2020-present) in reviewing educational and financial sustainability of Academic Affairs Units, the University of Memphis.

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 textbooks, and serving as expert witness in high-profile legal cases.

University of Memphis

Morris S. Fogelman Chair of Excellence in Real Estate

Status of the Chair of Excellence

The *Morris L. Fogelman Chair of Excellence in Real Estate* was established in 1986. The Chair Holder is Dr. Mark Sunderman, professor of finance, insurance, and real estate.

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

Summary of Publications: 5

- Four of Dr. Sunderman's publications are on the subject of blight, working with international co-authors, using international subject locations and published in internationally recognized journals.

Presentations: 1

- Presented at a national real estate conference. Most of the academic and professional conferences were canceled due to COVID-19.

External Grants and Contracts (expenditures and new awards): 2

- One of Dr. Sunderman's Ph. D. students won the "Academic Partnership Grant" from the International Association of Assessing Officers (IAAO) with his assistance. This grant came with a \$5,000 award for the student, presentation at the IAAO's Annual conference and the resulting paper would be published in their lead journal (*Journal of Property Tax Assessment & Administration*).
- Obtained 18,000 of scholarship funds from the Chapter of *Lambda Alpha International* to support students.

Selected Main Service Contributions (professional, university, and community):

- Served in leadership roles for several professional organizations including the positions of Chairperson, Board of Directors, and Editorial Board Member.
- Served as a faculty senator, a member of the faculty senate executive committee, and on the Teaching and Learning Advisory Committee for the faculty senate
- The Real Estate Program was recognized as the Best Online Bachelor's in Real Estate by BestColleges.
- Advised several PhD program alumni and current students on research, helping them publish in A+ and A journals.
- Involved in the *Orange Mound Initiative Task Force*. The task force is involved in a major effort to revitalize a historically significant, yet severely blighted area of Memphis.

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 Chairholder is Dr. Thomas McInish, Professor of Finance.

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

Summary of Publications: 4

- Dr. McInish published 3 journal articles and one book chapter.

Presentations: 5

- Gave 5 presentations: 1 refereed conference presentation and 4 university/other presentations.

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

- Supported departmental efforts to create cross-disciplinary FISC center which can help faculty from many departments apply for grants. His current effort suggests strong potential for routing and bringing in external support.

Service Contributions (professional, university, and community):

- Recognized for being highly dedicated to advising and mentoring graduate students even before their admissions and helping them publish in top tier journals well beyond their graduation to ensure their best possible career progression.
- Took on several service responsibilities that contributed heavily to the research environment in the college. The college will depend on his administrative leadership and involvement for continued success of the PhD program.

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 new Chair of Excellence, effective fall 2021, is Dr. James Vardaman.

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 Chairholder. Dr. Liang's employment began August 2019.

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

Summary of Publications: 16

- Dr. Liang has published 13 journal papers and 3 conference papers.

Presentations: 4

- Juggling IT exploration and exploitation to improve organizational agility? How can firms be ambidextrous? CUNY. Nov. 10, 2020.
- Juggling IT exploration and exploitation to improve organizational agility? How can firms be ambidextrous? Auburn University. Oct. 30, 2020.
- Keynote speech. AI in medicine: opportunities and challenges. International Conference on Digital Health and Medical Analytics. Beijing, China. Jul. 2020.
- Testing AI transparency: a factorial experimental design. International Testing and Evaluation Association Virtual Conference, Sep. 2020.

External Grants and Contracts (expenditures and new awards): 1

- Through the UofM's Frontiers initiatives, Dr. Srikar Velichety and Dr. Hugiang Liang are funded by FedEx Europe to optimize their pricing strategies. We have received \$10,000 from FedEx to support UofM students who take part in this project.

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

- Senior Editor: JAIS; Associate Editor: ISR, MISQ, and Information & Management
- Ad hoc journal reviewers: MISQ, JMIS
- Program Chair, China Summer Workshop on Information Management, Ningbo, China, 2022
- Program committee chair, Digital health and medical analytics 2nd international conference, Beijing, China, July 2020
- Associate Editor: IT implementation, adoption, and use of digital technologies, ICIS 2020.
- Grant reviewer: Hong Kong Research Grant Council reviewer (2020-21)

Recommendations to Enhance the Effectiveness of the Program

Continue excellence in teaching, research, and service.

University of Memphis Dorothy Kayser Hohenberg Chair of Excellence

Status of the Chair of Excellence

The *Dorothy Kayser Hohenberg Chair of Excellence* was established in 1998. The Chair Holder for 2019-20 was Dr. Ellen Daugherty, professor of art history. The Chair is a rotating position with a new Chair Holder each year. Dr. Adrian Duran is the new chair, effective Fall 2021.

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 UoM, College, and Programs

During the 2020-2021 academic year, Mr. Sanford continued his work as a political columnist for The *Daily Memphian* online news site. He wrote approximately 45 columns, co-authored a book, released in November 2020, titled *In a Colorful Place: Seasoned Opinion About Memphis About Home About Life*. Mr. Sanford also does television commentary five days a week on politics and public issues for WATN-TV Channel 24, the local ABC affiliate station. He also did weekly political analysis for WKNO-FM, the NPR radio station in Memphis, and since January 2021, hosted a twice monthly radio program called Memphis Forward, featuring University of Memphis President Dr. David Rudd on WYXR-FM 91. 7, the campus affiliated radio station in partnership with Crosstown Concourse. The overall impact of Dr. Sanford's print and broadcast journalism work has been to spur public dialog on important public issues, such as our response to the COVID-19 pandemic, state legislation that helps or hurts Memphis and Shelby County, and public safety.

Service Contributions:

During the 2020-2021 academic year, Mr. Sanford served as president-elect of the Rotary Club of Memphis. Because of his experience as a longtime journalist in Memphis, he has been successful in getting knowledgeable and timely speakers to address our club. On July 1, 2021, he officially became president of Memphis Rotary. In addition, Mr. Sanford serves on the advisory board for the Institute for Public Service Reporting at the University of Memphis and served as co-chair for the campus-wide Eradicating Racism and Promoting Social Justice initiative.

Recommendations to Enhance the Effectiveness of the Program

- Continue record of local, regional, and national advocacy of the First Amendment, public service, and journalism excellence, while remaining a mentor for 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.

University of Memphis

Lillian and Morrie Moss Chair of Excellence in Urban Education

Status of the Chair of Excellence

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

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

Publications: 8

Presentations: 4

External Grants and Contracts (expenditures and new awards): 6

- Dr. Cross was awarded a \$150,000 grant focused entitled the “Memphis Teacher Leader Circle” on Retaining High Performing Teachers from Pyramid Peak Foundation
- Dr. Cross made scholarly contributions to 5 additional grants:
 - Launched the Federal HUD Grant for Research on South City Housing and Families Project
 - Contribution to the study on Family Engagement in Five Local Memphis Schools published by the Whole Child Program
 - Contributed to the design of Shelby County Schools Audit Study Funded Through CREP
 - Contributed to the design of Shelby County Impact Study Funded Through CREP
 - Submitted a grant to the Hyde Family Foundation on “Leadership for the New Centennial: Capitalizing on Memphis’s Diversity, Momentum and Civic Potential” in collaboration with Lemoyne Owen College and Carson-Greil Associates (Not Funded but Invited to Contribute to the Project)

Service Contributions (professional, university, and community): 35 organizations

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 UoM, College, and Programs

Selected Summary of Publications: 14

- Dr. Bowlin is a world-renowned expert and leader in the electrospinning of biomaterials for tissue engineering applications. Throughout 2020-2021, he was the senior author on five peer-reviewed journal articles and co-author on two additional articles with worldwide collaborators. The lab also published two book chapters. The Bowlin laboratory was cited 1,292 times in 2020 and, overall, just surpassed a significant milestone of over 20,200 citations (a tremendous global impact of his laboratory's research efforts). The Bowlin lab filed several invention disclosures and continued patent prosecution on two active patent applications.

External Grants and Contracts: 5

- Dr. Bowlin had three active external grants and two internal grants during this reporting period. Dr. Bowlin's laboratory has received funding from the UTHSC/UofM SARS-CoV-2/COVID-19 Research CORNET Award program entitled "Models of Lung Microenvironment to Explore COVID-19 Pathogenesis and Drug Development." He continued research with one grant awarded from the National Institutes for Health (NIH), supporting his novel research on tissue regeneration template-neutrophil interactions collaborating with the University of Tennessee Health Science Center.

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

- In 2020-2021, Dr. Bowlin served 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.
- Dr. Bowlin maintains active memberships in multiple professional organizations and is currently serving on six journal editorial boards. In addition, he has provided critical reviews for the NIH and many journals.

Recommendations to Enhance the Effectiveness of the Program

Dr. Bowlin will continue to submit numerous proposals to the National Institute of Health (NIH) and National Science Foundation (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, left this position in February 2021. The Law School has decided that they will be filling this position with visiting professors beginning with the current academic year. Negotiations are currently underway.

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. The university continues to actively search for this position.

University of Tennessee Chattanooga, 2020-2021

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

University of Tennessee Chattanooga

Unum Provident Chair of Excellence in Applied Mathematics

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding

- PI on an NIH grant for infectious disease modeling, \$340,000
- PI on a math biology grant from NSF, \$200,000
- Co-PI on a math REU grant from NSF, \$282,659
- Co-PI on a computational math grant from NSF, \$125,000

Publications (2020-21): 7

Presentations (2020-21): 2

Graduate Students and Post-doc Supported (2020-21): 3

- Conrad Ratchford, Maame Korsah, Qiao Zhuang (post-doc)

Faculty Mentoring or Other Active Collaborations:

- Dr. Wang's student, Conrad Ratchford, graduated in Summer 2021 with a PhD degree.
- Dr. Wang's student, Maame Korsah, graduated in Spring 2021 with an MS degree.
- Extensive interdisciplinary collaboration with UTC faculty from mathematics, statistics, biology, public health, engineering, and the SimCenter.
- Active research collaborations with University of Florida, UTK, NC State, Penn State, Texas Tech, Washington State, Old Dominion, and several international institutions.

Other Evidence of Impact on the Institution:

- Served on six department and university committees during 2020–2021.
- Served as a peer reviewer for ten research journals during 2020-2021.
- Served as a grant reviewer/panelist for several funding agencies, NIH in particular.
- Served as a grant reviewer for the Swiss National Science Foundation.
- Organized a special session in a national math conference in September 2020.
- Strongly supported the development of the new concentration (Computational and Applied Mathematics) within the Computational Science Ph. D. at UTC.

Recommendations to Enhance the Effectiveness of the Program

- Continue working closely with colleagues to develop and implement a new, interdisciplinary math education, research, and training program.
- Continue serving UTC through committee work in faculty hiring, student recruitment and supervision, scholarship, and curriculum development.
- Continue promoting research collaboration between UTC and other institutions.
- Continue supporting the 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

Scholarly Publications:

- Book: *Luther's Rome, Rome's Luther: How the City Shaped the Reformer*. Minneapolis: Fortress Press, 2021.
- Scholarly article: "Birgil Stolt and Luther Studies," *Lutheran Quarterly* 35. 2 (2021): 145-54.

Teaching and Advising:

- Taught courses in Classics
- Supervised Senior Capstone Seminars
- Directed Honors Thesis
- Advised Humanities: International Studies majors

Service in the University and Beyond:

- Member of Undergraduate Academic Standards Committee, UTC
- Member of Council of Scholars, UTC (appointed 2021)
- Member of departmental search committee for lecturer in the Classics
- Member of departmental Reappointment, Tenure and Promotion Committee
- Member of Concordia Historical Institute Awards Committee
- Vice-President and Member of Executive Board for *Institutum Lutheranum Classicumque*
- Contributing editor to *Logia: A Journal of Lutheran Theology*

Recommendations to Enhance the Effectiveness of the Program

- Teach classes in Classics (language, literature, and culture) as assigned.
- Advise majors in the Humanities Program: International Studies and continue to direct Honors Thesis.
- Give two scholarly presentations in Fall of 2021 (at "Lutheranism and the Classics VI" in Fort Wayne, IN and at "Early Modern Rome IV" in Rome, Italy).
- Continue to serve on UTC committees and provide professional services outside of UTC as appropriate.
- Prepare book manuscript on Luther's Latin poetry (under contract with a publication date of 2024).

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 four 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 Thrive Tape, Shoetizer, LiteCure LLC, Tennessee Physical Therapy Association, and private donations.

Publications (2020-21): 9 (Six publications in refereed journals, three book chapters).

Presentations (2020-21): 8 scholarly presentations given at three professional meetings

Graduate Students Mentored (2020-21): Twelve doctoral students, one medical resident, one Ph. D. student, two veterinary residents, and numerous undergraduate 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, Cambridge University.
- 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 Chair of the RTR Committee for two departments.
- Chaired multiple faculty searches in 2020-2021.
- Performed COVID-19 Contact Tracing for Hamilton County Health Department.

Recommendations to Enhance the Effectiveness of the Program

- Begin revisions on two 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 UTK, 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:

- With effective marketing and site visits, enrollment in the department has increased by nearly 50% in three years. This is one of the few UTC departments to have consistent enrollment increases in the last five years.
- Proposed an undergraduate certificate program in Logistics, Transportation, and Distribution to help with workforce development in the areas of growth in the greater Chattanooga area.
- Numerous local industry visits have resulted in working with Fillauer Co. , manufacturer of active prosthetics, and Erlanger hospital, to design and build systems for active rehabilitation systems. The system is currently going through clinical trials.
- Major improvements made in quality of online courses offered by the department.
- Continue to build and sustain strong relationships with surrounding community colleges through 2+2 articulation agreements. To date, have signed official MOUs with Chattanooga State, Columbia State, Cleveland State, Dalton State College, Covenant College, Roane State, and Pellissippi State community colleges.
- As part of the initiative by the Chattanooga City Mayor's Office of Workforce Training, Dr. Nasab and Mr. John Freeze, head of the Center for Professional Education, have offered UTC-based week-long training courses to help workers with the transition into a highly professional and technical environment.

Research and Publications:

- Under the leadership of Dr. Nasab, the department conference presentation and journal publications increased to 42, a 300+% increase compared to the previous year.
- Chairholder and department faculty authored grant proposals totaling more than \$2 M.

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Chattanooga

Chair of Excellence in Judaic Studies

Status of the Chair of Excellence

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

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

Publications (2020-21)

- 1 Refereed Articles; 3 more in press
- 1 Book; 1 in press
- Review Articles in *Revista Española de Filosofía Medieval*, and three more in press at *The Thomist*, *the Journal of Jewish Studies*, and *Antisemitism Studies*

Presentations (2020-21)

- Invited Presenter, Society for Biblical Literature, "Medieval Christians, Talmud, and the Falsification of Scripture," (November 2020), via Zoom
- Invited Presenter, Hadassah Regional Meeting, "America and the Holocaust: Refugees at Fort Ontario, New York," (January 30, 2021), via Zoom
- Invited Presenter, International Mediaeval Congress, Leeds, UK, "Jews, Christians, and the Melancholy Body in the Middle Ages," (July 9, 2021), via Zoom

Other Evidence of Impact on the Institution:

- Founding President of the International Albertus Magnus Society, and currently (elected) Vice-President
- UTC Study Abroad Liaison to Haifa University
- Consultant and Manuscript Reviewer for four academic publishers and ten journals.
- Grant reviewer for the National Endowment for the Humanities and the Swiss National Science Foundation
- External Reviewer for Promotion and Tenure Decisions at various universities
- UTC College of Arts and Sciences Post-Tenure Review Committee

Recommendations to Enhance the Effectiveness of the Program

Goals (2020-2021):

- Publication of *Albertus Magnus and the World of Nature*, Reaktion Press, UK. Co-authored with Professor (emeritus) Kenneth F. Kitchell Jr.
- 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 (2020-21): 2

Presentations (2020-21): 2

Other Evidence of Impact on the Institution:

- Continued as Co-Editor of the *Entrepreneurship Research Journal*.
- Continued research on definition, measurement, and development of entrepreneurship skills with colleagues from the University of Kentucky, Opeeka LLC, and elsewhere.
- Collaborated with the Chattanooga Entrepreneurial Ecosystem and Chattanooga Smart Communities Collaborative. Served on board of advisors of CO. LAB.
- Taught ETR 3600 Social Entrepreneurship for Dept. of Marketing & Entrepreneurship.
- Provided leadership for the UTC Entrepreneurship Hall of Fame (2020) process.
- Continued to play key role in building an innovation commercialization program at UTC.
- Served on Faculty Senate Gen. Ed. Committee and Reimagining Gen. Ed. Committee.

Recommendations to Enhance the Effectiveness of the Program

- Continue to build strong relationships with university and community stakeholders.
- Continue to work with Director and Entrepreneur-in-Residence to build co-curricular activities for the Center for Innovation and Entrepreneurship.
- Complete Lyons, T. S. Social capital building for rural innovation. Forthcoming in C. French (Ed.). *Building Community Resilience Through Rural Innovation*. New York: Routledge (2022).
- Complete Lyons, T. S., & Campbell, C. Defining, measuring and developing social entrepreneurship skills: A crucial element of social entrepreneurship strategy. Forthcoming in N. Faghih & A. Forouharfar (Eds.). *Strategic Entrepreneurship: Theory and Practice*. New York: Springer (2021).
- Complete Lyons, T. S. Making Entrepreneurial Ecosystems Sticky: Might Entrepreneurship Skills be the Glue? Forthcoming in R. Huggins, F. Kitagawa, D. Prokop, C. Theodoraki, & P. Thompson (Eds.). *Entrepreneurial ecosystems in cities and regions: Emergence, evolution and future*. Oxford, UK: Oxford University Press (2022).

University of Tennessee Chattanooga

George R. West, Jr. Chair of Excellence in Communication and Public Affairs

Status of the Chair of Excellence

Dr. David B. Sachsman (PhD Communication, Stanford University) has served as the Chairholder of the *George R. West, Jr. Chair of Excellence in Communication and Public Affairs* since 1991. He is the founding Director and organizer of the Symposium on the 19th Century Press, the Civil War, and Free Expression, hosting its 28th 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 eleventh annual donation to support endowing a research fund for the West Chair's Symposium.
- Donation from Environmental Communication and Training LLC gave the UC Foundation in support of the West Chair's efforts on behalf of the *Applied Environmental Education and Communication* international journal.

Selected Publications (2020-21):

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

Other Evidence of Impact on the Institution:

- Hosted 28th Symposium on the 19th Century Press, the Civil War, and Free Expression, Nov. 12-14, 2020 via Zoom, featured 38 presenters speaking to a national audience and six panels chosen by C-SPAN for national network broadcast in 2020 and 2021.
- Managing editor of the quarterly, peer-reviewed *Applied Environmental Education and Communication: An International Journal*, which is published by Taylor & Francis.

Recommendations to Enhance the Effectiveness of the Program

- Plan the 29th annual Symposium on the 19th Century Press, the Civil War, and Free Expression, which will be held in November 2021 via Zoom (and in-person if possible).
- Work on a new book project on *The Civil War Soldier and the Press*.
- "The 19th Century American Press" chapter for *The Cambridge History of American Popular Culture*.
- Work on a new book project called *Communicating Endangered Species: Extinction, News, and Public Policy*, under contract with Routledge.

University of Tennessee Chattanooga

J. Burton Frierson Chair of Excellence in Business Leadership

Status of the Chair of Excellence

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

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

Publications (2020-2021): 6

- On July 5, 2021 *ResearchGate* announced that Dr. Mendenhall's research contributions were reported as "the most read" compared to all other faculty at UTC
- Editorial Work: *Emerald Frontiers in Global Management*, Senior Editor; *Advances in Global Leadership*, Associate Editor

Other evidence of impact:

- Provided weekly leadership and intercultural skill coaching sessions over the course of semester-long or summer term-long time periods to 83 undergraduate students, 39 MBA students, and 23 Executives in the Executive Education Program.
- Led proposal for a Master's in Management graduate program in the Rollins College of Business.
- In response to COVID-19, in tandem with co-instructor, transformed on-site, in-person Chickamauga Battlefield Leadership Seminar in Executive Education Program to 100% virtual learning experience.

Recommendations to Enhance the Effectiveness of the Program

- Lead the process in the Rollins College of Business for the Master's in Management program.
- Co-lead the Advisory Group of Chattanooga business leaders for the Executive Education Program for the Rollins College of Business with the Assistant Dean of Graduate Programs.
- Continue outreach activities with both the local and global business communities via speaking, seminar, and consulting engagements. Assess the performance of going online due to COVID-19 in the Executive Education Program with the Program Director, and together search for what of value should be retained from this delivery adjustment and then integrated (post-COVID-19) into our traditional face-to-face delivery pedagogy.

University of Tennessee Chattanooga

Lyndhurst Foundation Chair of Excellence in Arts Education

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding (2020-2021)

- Secured a multi-year grant of \$190,000 from the Lyndhurst Foundation to support the expansion of UTC-Wolf Trap into rural schools. \$108,000 has been awarded for 2021 and \$82,000 will be awarded in 2022 pending a successful mid-year report.
- Received \$3,000 from the Arts and Humanities Council of Tuscaloosa to support professional learning for a community teaching artist.
- Received \$3,520 from Madison County Schools to support the implementation of the Buckets and Brushes Program at Endeavor Elementary in Alabama.

Publications (2020-21): 2

Presentations (2020-21): 4

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

- Oversaw Arts-Based Collaborative activities which included UTC-Wolf Trap classroom residencies, professional development, and arts integrated curriculum development.
- Facilitated Simulated Patient Actor trainings for 12 patient simulations for the graduate Family Nurse Practitioner Program.
- Participated on the UTC Strategic Plan Subcommittee for Research and Innovation.
- Joined the Kennedy Center Partners in Education Team Tennessee 2003 which includes Hamilton County Schools and ArtsBuild.
- Led successful proposal for new fine arts General Ed course.
- Served on a grant panel for the Tennessee Arts Commission.
- Application review for Chris Hunt Scholarship for the Educational Theatre Association.

Recommendations to Enhance the Effectiveness of the Program

- Collaborate with STEM programs at UTC to develop STEAM-based programs for university and K-12 students that may increase interest in STEAM related fields.
- Recruit and train Simulated Patient Actors from diverse backgrounds to increase access to patient simulations focused on a variety of topics/issues for the UTC School of Nursing.
- Submit articles for publication regarding the impact of the Simulated Patient Actor Program on university students and community actors.
- Train teaching artists from rural communities to expand impact of UTC-Wolf Trap to underserved schools.

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

Publications (2020-21): 1

Faculty Mentoring or Other Active Collaboration

- Served as chair for one doctoral dissertation and content-advisor to another.
- Directed four graduate-student research projects and taught two graduate courses.
- Ongoing collaboration with Hamilton County School personnel, UTC faculty, and graduate students in providing interventions for low-functioning students.
- Ongoing collaboration in research and conceptual development with faculty from at least eight institutions across the U. S and other countries.
- \$35,000 gift received from the McKee Foundation, supporting research activities. Research involved three graduate assistants, looking at development of Forest Schools internationally, nationally, and the Hamilton County area.

Other Evidence of Impact on the Institution

- Member of the Board of the International Society of Ethical Psychology and Psychiatry.
- Associate-editor of the peer-reviewed journal *Ethical Human Psychology and Psychiatry*.
- Served on the Hamilton County Department of Education's Equity Taskforce.
- Appointed to the Campus Police Force Group.
- Served on the Advisory Board of the Southeast Center for Education in the Arts.
- Served on the Chattanooga 2. 0's Hamilton County Inclusive Education and Opportunities Action Team.
- Served as an advisor to the Forest School Teacher Institute.
- Served as a peer reviewer for Corwin Publishing and Sage Publications, in addition to serving as a peer reviewer for five professional journals.
- Continued collaboration with the Chattanooga Chamber of Commerce.

Recommendations to Enhance the Effectiveness of the Program

- Further development and application of incremental rehearsal as a learning tool and instructional strategy.
- Host at least one McKee Learning Lunch.
- Work with local schools to provide public-school laboratory settings for school-psychology students to engage in effective instructional interventions.
- Assist the Hamilton County's regional Forest Schools in developing a region-wide Forest School initiative.

University of Tennessee Health Science Center, 2020-2021

Chair of Excellence	Date Established	Chairholder
1) Crippled Children's Hospital Foundation Chair of Excellence in Biomedical Engineering	Sept 1986	Vacant since 2011
2) E. Erick Muirhead Chair of Excellence in Pathology	Feb 1986	Dr. Lawrence Pfeffer
3) Federal Express Chair of Excellence in Pediatrics	Sept 1987	Dr. John Bissler
4) First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics	April 1987	Dr. Brian Peters
5) Goodman Chair of Excellence in Medicine	Sept 1989	Vacant since 2021
6) Harriet S. Van Vleet Chair of Excellence in Biochemistry	Oct 1985	Vacant since 2013
7) Harriet S. Van Vleet Chair of Excellence in Pharmacology	March 1985	Dr. Alejandro Dopico
8) Harriet S. Van Vleet Chair of Excellence in Virology	Oct 1985	Dr. Colleen Jonsson
9) Harriet S. Van Vleet Chair of Excellence in Microbiology and Immunology	March 1985	Dr. Terrance Cooper
10) J. R. Hyde Chair of Excellence in Rehabilitation Engineering	April 1987	Dr. William M. Mihalko
11) Le Bonheur Chair of Excellence in Pediatrics (1 st chair)	Sept 1986	Dr. James W. Wheless
12) Le Bonheur Chair of Excellence in Pediatrics (2 nd chair)	Sept 1989	Dr. Samir H. Shah
13) Mark S. Soloway Chair of Excellence in Urology	Aug 1992	Dr. Robert W. Wake
14) Maury W. Bronstein Chair of Excellence in Cardiovascular Physiology	Aug 1988	Dr. Jonathan H. Jaggard

Chair of Excellence	Date Established	Chairholder
15) Plough Foundation Chair of Excellence in Pediatrics	Nov 1986	Dr. Amali E. Samarasinghe
16) Semmes Murphey Chair of Excellence in Neurology	Sept 1987	Dr. Andrei Alexandrov
17) Thomas A. Gerwin Chair of Excellence in Physiology	Apr 1987	Dr. Zhongjie Sun
18) University of Tennessee Medical Group Chair of Excellence in Obstetrics and Gynecology	Sept 1986	Vacant since 2020
19) William and Dorothy Dunavant Chair of Excellence in Pediatrics	April 1987	Dr. Jonathan McCullers

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

Status of the Chair of Excellence

Established in 1986, *Crippled Children's Hospital Foundation Chair of Excellence in Biomedical Engineering* is currently vacant since 2011. The last Chairholder was Dr. Frank DiBianca. At the present time, the Department is not actively searching for a possible candidate to hold the Crippled Children's Hospital Foundation Chair of Excellence in Biomedical Engineering. It is anticipated that this Chair of Excellence will not be filled in 2021-2022.

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 and bulk differentiated tumor cells in the therapeutic resistance of various cancers, including glioblastoma, ocular melanoma, and ovarian cancer.

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

Active Grants and Other Sources of Funding

- UTHSC Cornet grant – “Development of novel structural analogs of PFI-3: Selective BRG1/BRM bromodomain inhibitors”
- PI on grant from the Owens Foundation Grant- “Development of novel STAT3 inhibitors to treat glioblastoma”
- Co-Investigator on a funded grant with Dr. Nicholas Laribee on epigenetic signaling in glioma.

Publications (2020-21): 5

Presentations (2020-21): 2

- Presentation at Cancer Symposium at Stephenson Cancer Center
- Center for Cancer Research

Graduate Students Mentored (2020-21):

- Mentor of Master of Pharmacology Student
- Serves on seven graduate students’ thesis committees

Faculty Mentoring or Other Active Collaborations:

- 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 investigator

Other Evidence of Impact on the Institution:

- Vice-Chair of Research in the Department of Pathology
- Director of the Division of Experimental Pathology
- Associate Director of the Center for Cancer Research
- President of the College of Medicine’s Dean’s Faculty Advisory.

Recommendations 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 (DUET)" \$297,230.

Publications (2020-21): 7

Presentations (2020-21): 5

Graduate Students Mentored (2020-21): 2

Faculty Mentoring or Other Active Collaborations:

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

Other Evidence of Impact on the Institution:

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

Recommendations to Enhance the Effectiveness of the Program

- Submit at least three grant applications again this year.
- Recruit additional researchers to TSC research.
- Continue to expand TSC Telemedicine healthcare delivery to four additional states. This program continues to grow and beyond patient care, it functions well as marketing for the university and medical programs here. Last year's additions to Florida and Texas were very beneficial.

University of Tennessee Health Science Center

First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics

Status of the Chair of Excellence

Dr. Brian Peters, Associate Professor in the Department of Clinical Pharmacy and Translational Science, has served an inaugural role as the Chairholder of the *First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics*. He holds a joint appointment in the Department of Microbiology, Immunology, and Biochemistry. His research program is focused on delineating fitness and pathogenicity mechanisms in the human fungal pathogen *Candida albicans* and determining immunological outcomes of fungal and fungal-bacterial infections. The goals of the laboratory are to leverage these findings into applied therapies to improve unacceptable morbidity and mortality associated with fungal disease.

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

Selected Active Grants and Other Sources of Funding

- PI - Candidalysin, a key mediator of *Candida* vaginitis immunopathology. National Institute of Allergy and Infectious Disease (NIAID). R01 – AI134796 (\$380,000).
- PI - Sulfonyleureas as repurposed agents against vulvovaginal candidiasis. NIAID. R21 - AI127942 (\$190,000).

Publications (2020-21): 6

Presentations (2020-21): 3

Graduate Students Mentored (2020-21): 3

- Olivia Todd, Jian Miao, Amanda Vogel.

Faculty Mentoring or Other Active Collaborations:

- Served as primary mentor on K08 submission for Kent Willis, MD (junior faculty in Pediatrics at UTHSC) which was successfully funded.
- Serving as faculty mentor for Dr. Camaron Hole, a recent recruit to DCPTS and fungal researcher investigating mechanisms of cryptococcal pathogenesis.
- Collaborate with a variety of international and domestic scientists on multiple projects.

Other Evidence of Impact on the Institution:

- Selected as member of the editorial board for *Infection and Immunity*.
- Served on 3 NIH study sections in the past 12 months.
- Co-edited a special collection in *Frontiers Microbiology* on vulvovaginal candidiasis.

Recommendations to Enhance the Effectiveness of the Program

- Make continued investments to the research enterprise within DCPTS to establish new technologies and resources to elevate research productivity and innovation.
- Continue to use funds to support cross-department, College, and institution research programs to generate high impact publications, funded grant submissions, and targeted recruitment.

UT Health Science Center Goodman Chair of Excellence in Medicine

Status of the Chair of Excellence

Established in 1989, the *Goodman Chair of Excellence in Medicine* is vacant as of early 2021, due to the passing of Dr. Arnold E. Postlethwaite. At the present time, the Department is not actively searching for a possible candidate to hold the Goodman Chair of Excellence in Medicine. However, it is anticipated an active search will begin in 2022 with a candidate likely identified in 2022.

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 collaboration with the UTHSC Cancer Center, we started the search for an exceptional scientist who studies cancer immunology. The search committee has identified an outstanding candidate to fill the *Harriet S. Van Vleet Chair of Excellence in Biochemistry*. The individual is funded with multiple NIH grants and currently holds an endowed chair position at the person's current institution. We were in the process of working out the details of an offer before the COVID-19 pandemic struck. Unfortunately, due to uncertainties with the start-up funding for the position, this search canceled. It is our hope that if the circumstances change, we will be able to resume the efforts to recruit the best candidate for this important faculty position.

University of Tennessee Health Science Center

Harriet S. Van Vleet Chair of Excellence in Pharmacology

Status of the Chair of Excellence

In addition to the institutional and extra-institutional services and teaching modalities in which Dr. Alejandro Dopico participates, including the chairmanship of the Department of Pharmacology, Addiction Science, and Toxicology (PHAST) in the UTHSC College of Medicine (COM), he leads a very active research program. Endowments have allowed Dr. Dopico to purchase a unique system enabling scientists to measure neuronal activity and brain perfusion in freely moving rodents, which will be used for Dr. Dopico and collaborators to move forward externally funded projects. He just finished his term as a member of the National Advisory Committee on Alcohol Abuse & Alcoholism at NIH and has been appointed as Associate Editor of *Advances in Drug and Alcohol Research*, the official journal of the *International Drug Abuse Research Society* and the *International Narcotics Research Conference*, and as co-editor of the book *Cholesterol: from Biophysics to the Clinics*, which includes 40 chapters by international experts.

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

Active Grants and Other Sources of Funding

- PI - NIH Merit 2R37 AA011560 (2 Yr. NCE)
- PI - NIH R01 HL147615
- PI - New Grant Support from UTHSC Office of Research
- Contact PI - NIH R01 HL14894
- Co-Inv-PI - NIH R03 AA028380

Publications (2020-21): 5

Presentations (2020-21): 2

Graduate Students Mentored (2020-21): 2

- K. North, K. Kee; 4 thesis committees.

Faculty Mentoring or Other Active Collaborations:

- Mentor of 5 UTHSC COM faculty members.

Selected Other Evidence of Impact on the Institution:

- Participated in the creation of and currently teaching in the Master's in Pharmacology program, which has been ranked fifth in the country for second year in a row.
- Member, UTHSC COM Dean Executive Committee
- Member, UTHSC COM COVID-19 Leadership Taskforce
- Member, UTHSC COM Admin. Budget Planning Committee
- Member, UTHSC COM Center for Addiction Translational Science Advisory Board
- Member, search committee for COM Associate Dean for Diversity and Inclusion

Recommendations to Enhance the Effectiveness of the Program

- Plan to develop a task group/center on substance misuse (UTHSC COM)
- Help develop a task group/center for simple model systems (UTHSC COM)

University of Tennessee Health Science Center

Harriet S. Van Vleet Chair of Excellence in Virology

Status of the Chair of Excellence

Since 2017, Dr. 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

- NIH U19 Center of Excellence for Encephalitic Alphavirus Therapeutics 3/7/19 - 3/16/24.
- NIH 1R21AI161232-01 (MPI) Accelerated discovery of cell-active SARS-CoV-2 polymerase inhibitors via molecular dynamic guided screening and optimization, 7/1/21 to 6/30/23.
- DoD W81XWH-21-C-0042, Subcontract from CFD Research, 5/3/21 to 5/2/23.

Publications (2020-21): 12

Faculty Mentoring or Other Active Collaborations:

- Amber Smith, PhD, Department of Pediatrics
- Ying Kong, PhD, Department of Microbiology, Immunology and Biochemistry
- Joseph Pierre, PhD
- Heather Smallwood, PhD, Department of Pediatrics

Recommendations to Enhance the Effectiveness of the Program

- In the midst of the COVID-19 crisis, collaborate with multiple faculty to expand animal models, antiviral discovery, clinical isolation and sequencing of virus in Memphis, and clinical studies.
- Expand capability in COVID-19 diagnostics for the TN community.
- Before the COVID-19 pandemic, worked with the COP and ISHPS to hire faculty and to create a critical mass of faculty in viral immunology to enable development of a program project grant. This has been placed on hold.

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 years.
- In 2nd year of a 4-yr grant, 1/1/19 – 12/30/22 – USA LTAUSA18 Grant (No. LTAUSA18162).

Publications (2020-21): 5

- Top 10% (91st percentile) of 17.9 million research outputs (papers) scored by Altmetric.
- High Attention Score compared to outputs of same age and source (99th percentile).
- 61,953 total online views and 49,154 downloads (as of 4/18/20).
- Tools of Biochemistry now in five languages and more than 17 English printings.

Presentations (2020-21): 2

Faculty Mentoring or Other Active Collaborations:

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

Other Evidence of Impact on the Institution:

- Faculty representative to the UTHSC Campus Advisory Board 2020-2022.
- Chair of UTHSC Faculty Senate Handbook Revision Committee.
- Chair of Dean's Advisory Council Policy Committee.
- Appointed (2020-2023) to the College of Medicine Promotions and Tenure Committee.
- Appointed as 2020-2021 College of Medicine Liaison Committee on Medical Education (LCME) Editorial Committee.
- International Conference on Yeast Genetics & Molecular Biology (ICYGMB), Secretary General.
- International Committee on Yeast Genetics and Molecular biology Finance/Policy Committee – USA Representative.

Recommendations to Enhance the Effectiveness of the Program

- Continue research, collaboration, and writing (Major review).
- Continue teaching undergraduate and graduate courses. Student quote from teaching evaluation – “Dr. Cooper, you rock”

University of Tennessee Health Science Center

J. R. Hyde Chair of Excellence in Rehabilitation Engineering

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding:

- 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-August 30, 2021. Role MPI (10%)-U01 resubmission under review. Original application score 36 with a funding line score of 25.
- Submitted one U01 (U01AR080401) and one R21 (R21AR077212) to NIH/NIAMS as an MPI with scores that were just below the funding level (impact factor funding at 29 and one application scored a 31 and another 33).

Publications (2020-21): 11; 2 others accepted for publication

Presentations (2020-21): 6

Faculty Mentoring or Other Active Collaborations:

- New collaborations established with Dr. Jeremy Gilbert of Clemson University looking into biological local inflammatory effects on metal alloys used in joint replacement.
- New collaboration with Dr. Kunal Singhal in Department of Physical Therapy. We are jointly supporting a Ph. D. student to work on kinematic and kinetic changes in total knee arthroplasty patients and the impact of weight loss.

Other Evidence of Impact on the Institution:

- Program chair for the Joint Graduate Program in Biomedical Engineering with one graduated MS student 2020-21, one current supported MS student, and one supported Ph. D. student in Rehabilitation Science Program.

Recommendations to Enhance the Effectiveness of the Program

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

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

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding: 21

- CFOM Grant for 5 years \$2.5 Million.
- 15 other funded research projects as primary investigator.

Publications (2020-21): 26

Presentations (2020-21): 72

Graduate Students Mentored: 6 residents in Pediatric Neurology

Faculty Mentoring or Other Active Collaborations:

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

Other Evidence of Impact on the Institution:

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

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Health Science Center Le Bonheur Chair of Excellence in Pediatrics (2nd chair)

Status of the Chair of Excellence

Dr. Samir H. Shah serves as the *Le Bonheur Chair of Excellence in Pediatrics* (2nd Chair) since 2019. He received his medical training at the Seth G. S. Medical College in Mumbai, India, along with Surgery, Pediatrics, and Critical Care residencies in India and the US. His research focus is on the application of bioinformatics for predictive modeling of pediatric severe sepsis. COE funds support participation in the Pediatric Acute Lung Injury and Sepsis Infection research network, salary support for the Fellowship Research Director (Dr. Nico West), and training for Artificial Intelligence in Healthcare training (MIT Sloan School of Management Executive Program). COE supports educational endeavors for critical care fellows' training and an award system to promote academic productivity and teaching.

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

Active Grants and Other Sources of Funding:

- Pediatric Research of Drugs, Immunoparalysis and Genetics during MODS (PARADIGM) trial: Site Principal Investigator. Funded by NICHD.
- PROSPECT: Prone and Oscillation Pediatric Clinical Trial. Funded by NHLBI.
- SHIPSS: Stress Hydrocortisone In Pediatric Septic Shock. Funded by NICHD.

Publications (2020-21): 6

Presentations: (2020-21): 1

Graduate Students Mentored:

- 9 Critical Care Fellows
- 3 Pediatric Emergency Medicine Fellows
- 1 Pediatric Surgery Fellow
- 1 Pediatric Surgical Critical Care Fellow
- Multiple Pediatric and Med-Ped Residents

Faculty Mentoring or Other Active Collaborations:

- Faculty oversight committee – Dr. Nico West for Neuro-endocrine research.
- Mentoring junior faculty for APEX Program (Dr. Shantaveer Gangu).
- Committee member – Global Pediatric Onco-Critical Care Symposium.

Other Evidence of Impact on the Institution:

- Combined Cardiology and Onco-Critical Care Fellowship Training.
- 2020 ELSO Award of Excellence – Gold Category.

Recommendations to Enhance the Effectiveness of the Program

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

UT Health Science Center Mark S. Soloway Chair of Excellence in Urology

Status of the Chair of Excellence

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

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

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.
- Wake, Robert W., Co-PI. U54 grant for The Center of Excellence for Prostate Cancer Health Disparity (CE-PCHD). Collaborative effort with the College of Pharmacy and the University of Memphis. \$1,140,000

Presentations (2020-21):

- Non-Narcotic Multi-Modality Post-Operative Analgesic Regimens are Non-Inferior to Narcotic Regimens in Patients Undergoing Ureteroscopy with Laser Lithotripsy. Presented at Annual SES meeting virtually April 2021.
- Objective Risk Score Reliably Predicts Mortality after Radical Nephrectomy. Presented at Annual SES meeting virtually April 2021.
- Objective Risk Score Reliably Predicts Mortality after Radical Cystectomy. Presented at Annual SES meeting virtually April 2021.
- Comparing Open vs Robotic Radical Cystectomy: A Single Surgeon Experience Over 10 Years. Presented at Annual SES meeting virtually April 2021.
- Understanding Readmission after Radical Nephrectomy for Urologic Malignancy. Presented at Annual SES meeting virtually April 2021.
- Socioeconomic Factors Predict Delay in Prostate Cancer Treatment Decision and Initiation. Accepted at Annual AUA meeting. Sep 2021.
- Increased Stone Burden, Anatomy Complexity, Cystine Stone Composition, and IR Access Predict Lower Stone Free Rates. Accepted at Annual AUA meeting. Sept 2021.

Recommendations to Enhance the Effectiveness of the Program

- Recruit a Ph. D. /M. D. researcher with a dual appointment in Pharmacology or Pathology and Urology to enhance departmental scholarly activity.
- Continue to foster both clinical and research collaborations between the College of Pharmacy and the 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 Institutes of Health (NIH) - seven R01 grants, four as Principal Investigator.
- American Heart Association Postdoctoral Fellowship – one grant as mentor.
- American Heart Association Career Development Award – one grant as mentor.

Publications (2020-21): 2

Graduate Students Mentored (2020-21): 2

Faculty Mentoring or Other Active Collaborations:

- Chair, Mentoring Committees for Dr. Mancarella, Dr. Cordero-Morales and Dr. Kassan, Department of Physiology.
- Internal collaborations with several UTHSC faculty across disciplines and Colleges.
- Collaborations with University of Missouri, University of Nevada, Reno, and University of Washington St. Louis.

Other Evidence of Impact on the Institution:

- Grant Reviewer. NIH Polycystic Kidney Diseases U54/U24 Cores. British Heart Foundation
- Editorial Boards: *Physiological Reviews* and *Frontiers in Vascular Biology*.
- Reviewer for *Nature Communications*, *eLife*, *Science Signaling*, *PNAS*, *Circulation Research*, *ATVB*, *Journal of General Physiology*, *Journal of Physiology*, *American Journal of Physiology*, *Hypertension*.
- UTHSC service commitments including:
 - Search Committee Chair, Connell Endowed Professor of Diabetes Research
 - Director and Committee Chair, Muirhead Hypertension Research Day
 - Advanced Imaging Core Advisory Board

Recommendations to Enhance the Effectiveness of the Program

- Grow cardiovascular research at UTHSC

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

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding:

- NIH, NIAID R01 High Priority Immunology Grant. *Title:* Eosinophils as Regulators of Host Immunity against Influenza Infections *Role:* Principal Investigator (\$1,919,000).
- American Lung Association, Charles and Amelia Gold Innovation Award. *Title:* Influenza Virus Promotes Eosinophil Appetite for Bacteria. *Role:* Principal Investigator (\$150,000).

Publications (2020-21): 4 (peer-reviewed manuscripts) and 1 invited book chapter

Presentation (2020-21): 2

Graduate Students Mentored (2020-21): 3

- Graduate Student; Postdoctoral Fellow; and Undergraduate Student.

Faculty Mentoring or Other Active Collaborations:

- Co-mentor Assistant Professor of Critical Care, Dr. Nicholas Morin.
- Saint Jude's collaborators (Dr. Jason Rosch, grant submissions to NIH & Dr. Paul Thomas, ongoing collaborative studies).
- Committees Served: American Thoracic Society, Autumn Immunology Conference, American Lung Association, Study Sections: NIH, Austrian Science Foundation, Tel Aviv University Center for Combatting Pandemics.

Other Evidence of Impact on the Institution:

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

Recommendations to Enhance the Effectiveness of the Program

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

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 Murphey 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:

- Co-Investigator on 4 NIH StrokeNet Clinical Trials
- Alexandrov, Andrei (Investigator), Alexandrov, Anne, (Lead Principal Investigator), Metter, Jeff (Investigator), Tsivgoulis, George (Investigator), "Zero Degree head positioning In Acute ischemic stroke (ZODIAC)," NIH RO1 Funding from NINR \$2,362,361

Publications (2020-21): 44

Other Evidence of Impact on the Institution:

- Protected Neurology residents, fellows, and faculty during pandemic by rapidly switching all services to telemedicine during PPE shortage (an achievement noted by the American Academy of Neurology).
- Committed department resources to support resident-driven research. UT Neurology residents submitted 27 abstracts, 13 manuscripts, and one book chapter.
- The UT Mobile Stroke Unit operation was temporarily suspended during the pandemic and negotiations with participating hospitals are underway to restart this valuable service to community later this year.
- A city-wide stroke program continues stroke attending coverage services at MUH, ROH and BMH with world record treatment numbers for sixth year in a row (highest reported tPA treatment rates, 2015-2020) in the world.
- Supervision of numerous Clinical Fellows in Vascular Neurology, Clinical Stroke, and Cerebrovascular Ultrasound and Stroke Research.
- Improved Neurology consult service at Regional One Health.
- Transitioned all UTMP Neurologists practices to UCH and ROH.

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Health Science Center

Thomas A. Gerwin Chair of Excellence in Physiology

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding:

- NIH NIA R01 AG049780, PI, - Investigation into heart aging.
- NIH NIA R01 AG062375, PI, - Epigenetic regulation of kidney function and blood pressure.
- NIH HL154147, PI, - Investigation into arterial stiffness and hypertension.

Selected Publications (2020-21):

- Qiongxin Wang, Shirley Wang and Zhongjie Sun. Kidney-specific *Klotho* Gene Deletion Causes Aortic Aneurysm *via* Hyperphosphatemia. *Hypertension*. 78:308-319, 2021. PMID: 34176284. PMCID: PMC8285030.
- Daniel Klinsky, ...Zhongjie Sun, ... (186 authors in alphabetical order). Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy* (4th edition). 17(1): 1-382, 2021. PMID:33634751.
- Kai Chen, Shirley Wang, Qiwei Wilton Sun, Bo Zhang, Fnu Mujib Ullah, Zhongjie Sun. *Klotho* Deficiency Causes Heart Aging *via* Impairing the Nrf2-GR Pathway. *Circ Res*. 128(4):492-507, 2021. PMID: 33334122. (*Editorial Commentary 128:508-510, 2021).
- Diansa Gao, Shirley Wang, Yi Lin, and Zhongjie Sun. *In vivo* AAV delivery of glutathione reductase gene attenuates anti-aging gene *klotho* deficiency-induced kidney damage. *Redox Bio*. 37:107692, 2020. doi: PMCID: PMC7476318. PMID: 32863229.

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 to Enhance the Effectiveness of the Program

- Further promote research in the Department of Physiology at UTHSC.
- Develop a new research project at the UT Cardiovascular Institute.
- Enhance the national visibility of cardiovascular research at UTHSC.

**University of Tennessee Health Science Center
University of Tennessee Medical Group
Chair of Excellence in Obstetrics and Gynecology**

Status of the Chair of Excellence

Established in 1986, the UT Medical Group Chair of Excellence in Obstetrics and Gynecology is currently vacant as of August 2020. The last Chairholder was Dr. Giancarlo Mari. The Executive Dean of the College of Medicine is actively searching for a new Department Chair and once the position has been filled, the Chairholder will be named. It is anticipated that this Chair of Excellence will be filled in 2021.

University of Tennessee Health Science Center

William and Dorothy Dunavant Chair of Excellence in Pediatrics

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding

Ongoing annual philanthropic commitments to the Department/CFRI:

- \$1M (Children's Foundation of Memphis).
- \$250,000 (Assisi Foundation).
- \$700k (Urban Child Institute).

Publications (2020-21): 4 (peer-reviewed), 3 (non-peer-reviewed or lay press)

Presentations (2020-21): 4 invited seminars

Faculty Mentoring or Other Active Collaborations:

- Direct mentor for UTHSC Assistant Professor Dr. Amali Samarasinghe.
- Direct mentor for UTHSC Assistant Professor Dr. Amber Smith (promoted to Associate in 2021).
- Direct mentor for UTHSC Associate Professor Dr. Elisha McCoy.
- Secondary mentor for numerous other faculty members.

Other Evidence of Impact on the Institution:

- Acted as Senior Executive Associate Dean for Clinical Affairs and Chief Operating Officer in the College of Medicine, UTHSC.
- Led Le Bonheur to top 50 rankings in seven specialties in US news and World Report and top 30 in four.
- Led institutional and City/County response to COVID-19.
- Appointed to newly formed Shelby County Board of Health.
- One new first R21 grant to junior faculty.

Recommendations to Enhance the Effectiveness of the Program

- Consolidate successes and develop young tenure track faculty.
- Obtain at least one more R01-like grant or K-award in the Department.
- Continue faculty development of clinician-educators who interface with medical students and residents.
- Continue to navigate the challenges in developing an academic medical center modeled on Le Bonheur with our adult health system partners.
- Continue to lead COVID-19 responses.
- Gain recognition as a Top 10 Faculty in Pediatrics.

University of Tennessee Knoxville, 2020-2021

Chair of Excellence	Date Established	Chairholder
1) Bernard Blasingame Chair of Excellence in Agricultural Policy	Nov 1989	Dr. Andrew Muhammad
2) Bernadotte E. Schmitt Chair of Excellence in History	Sept 1987	Dr. Robert J. Norrell
3) Julia G. and Alfred G. Hill Chair of Excellence in Science, Technology, and Medical Writing	Sept 1987	Dr. Mark Littmann
4) Clayton Homes Chair of Excellence in Finance	Aug 1988	Vacant since 2017
5) Harry and Vivienne Bruce Chair of Excellence in Business	Sept 1989	Dr. Theodore P. Stank
6) Robert Condra Chair of Computer Integrated Engineering and Manufacturing	May 1986	Dr. Matthew Mench
7) Robert Condra Chair of Excellence in Power Electronics Applications	May 1986	Dr. Fei (Fred) Wang
8) Forrest and Patsy Shumway Chair of Excellence in Romance Languages	Nov 1987	Dr. Rudyard Alcocer
9) Henry Goodrich Chair of Excellence in Waste Management & Environmental Engineering	May 1988	Vacant since 2020
10) Hodges Chair of Excellence in English	Apr 1985	Dr. Cornealius Eady (Hired August 2021)
11) Ivan Racheff Chair of Excellence in Materials Science & Engineering	Apr 1985	Dr. Peter K. Liaw
12) Ivan Racheff Chair of Excellence in Plant Molecular Genetics	Apr 1985	Dr. C. Neal Stewart
13) J. Fred Holly Chair of Excellence in Economics	Sept 1987	Dr. Christian Vossler
14) Nancy Gore Hunger Chair of Excellence in Environmental Studies	Sept 1994	Dr. Daniel Simberloff
15) Pilot Oil Corporation Chair of Excellence in Leadership	Nov 1986	Dr. Michael R. Galbreth
16) Willis Lincoln Chair of Excellence in Physics	Aug 1992	Dr. Cristian Batista
17) H. H. Arnold Chair of Excellence in Computational Mechanics	Dec 1996	Dr. John D. Schmisser
18) Edward J. and Carolyn P. Boling Chair of Excellence in Space Propulsion	Nov 1987	Vacant since 2009

University of Tennessee Knoxville

Bernard Blasingame Chair of Excellence in Agricultural Policy

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding

- Active projects totaling \$1. 2 million.
- 1 grant awarded since July 2020 totaling \$35,000.
- 3 grants awarded for FY2022 totaling \$329,000.
- 1 grant submitted awaiting decision for \$62,000.

Publications (2020-21): 10

Presentations (2020-21): 8; 24 extension presentations

Graduate Students and Post-doc Supported (2020-21): Christina Greer, MS (Chair); Ejimofor Anosike, MS (Member)

Faculty Mentoring or Other Active Collaborations:

- 4 presentations with junior faculty.

Other Evidence of Impact on the Institution:

- Provided support to TDA on international trade issues.
- Media interviews and popular press articles: Conversation Magazine, TN Public News Service, Oregon Public News Service, U. S. Farm Report, and Farm Press.
- Professional Leadership: Agricultural and Applied Economics Association Board of Directors; Chair, Committee on the Status of Blacks in Agricultural Economics; Agricultural Policy Advisory Committee; Socially Disadvantage Farmers and Ranchers Policy Research Center Advisory Board; Council on Food, Agricultural and Resource Economics (C-FARE) Board of Directors; International Agricultural Trade Research Consortium (IATRC) Executive Committee; Senior Editor of the *Journal of Food Distribution Research*; *Journal of Agricultural and Resource Economics* Editorial Board.
- Co-organized conferences: IATRC Annual Meeting Theme Day; Annual Mid-South Agricultural Trade Conference; C-FARE Webinar on Trade Policy under the New Administration, C-FARE Brandt Forum on Impacts of a Digitally Driven Global Economy.

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Knoxville

Bernadotte E. Schmitt Chair of Excellence in History

Status of the Chair of Excellence

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

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

- On leave Fall 2020.
- Teaching and Service (2019-2021); released from service for Fall 2020.
- Taught fully on-line for the first time (Spring 2021) - HY 450.

Recommendations to Enhance the Effectiveness of the Program

- New course to be implemented Fall 2021 (History 302, Immigrants, and the Immigrant Experience in American History): The US's success as a nation of immigrants is rooted in deep-seated values and attitudes: the way America separates church and state, its emphasis on the rights of individuals rather than communities, its historically fluid social structure, its relatively unregulated labor markets. The United States has welcomed immigrants, in part because its universalist values and it has accepted ethnic difference and for the most part differences of religion. On the other hand, it has manifested periods of nativism and xenophobia. How and why the nation's attitudes have evolved, and how they compare with post-World War II developments in Europe, are the foci of this course.
- 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. Book is 98 percent completed, under preliminary review, University of Virginia Press.
- Teach more undergraduates, particular focus on global issues of international relations and immigration.

University of Tennessee Knoxville

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

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding

- Co-PI, Rooted in Science (workshops to help UTK Agriculture professors & graduate students communicate science to the public), funded by Oak Ridge Institute (2 yrs. starting in 2021).

Presentations (2020-21): 16

Graduate Students Mentored (2020-21):

- Shannon Bayliss (M. S., chair of thesis committee, graduated July 2021).
- Jonathan Braun (M. S., project committee, graduated August 2020).

Faculty Mentoring or Other Active Collaborations:

- Program Chair, UT Science Forum (ongoing): Invite and host UT and ORNL faculty to speak to the public, giving them opportunities to explain their research to lay audiences (usually 22 presentations a year).

Other Evidence of Impact on the Institution:

- Oxford University Press has invited Fred Espenak and Dr. Littmann to proceed with a new edition of their co-authored book on solar eclipses: *Totality: The Great North American Eclipse of 2024*.
- Expanded *Books Acted Out* collection to eight informal dramatic readings (July 2021) and, by invitation, performed all of them via Zoom throughout the community in 2020-2021 as a new form of social activity.

Recommendations to Enhance the Effectiveness of the Program

- Publish *Books Acted Out*.
- Find performance venues for *Halley and Newton* and for *Little Lessons for Lina*.
- Publish journal article on Edmond Halley's crowdsourcing 1724 solar eclipse prediction
- Publish anthology of the best of the Hill Lectures on science, society, and the mass media.
- Publish journal article on teaching science communication to biology doctoral students as part of National Science Foundation (NSF) and National Institute of Health (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 \$350,000. Since the Chair only generates less than 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 Ph. D. in Marketing and Distribution from University of Georgia, 1994. He has served as the Chairholder since 2010. Dr. Stank was named University Chancellor's Professor in June 2021.

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

Selected Active Grants and Other Sources of Funding

- Founder and Director of the Advanced Supply Chain Collaborative (ASCC), a collaborative think tank engaging industry with UT to explore advanced concepts in Supply Chain Management. FY21 membership of 10 Fortune 500 firms with a budget of \$500,000 that provided funding for 13 faculty, 4 PhD students, and 4 masters students.
- Faculty Co-Director of Global Supply Chain Institute and Forum that generates annual revenue of \$750,000 and contributes over \$400,000 to department excellence.

Publications (2020-21): 10 including journal articles (3), conference papers (1), whitepapers (5) and industry publications (1)

Presentations (2020-21): 5 presentations and podcasts

Graduate Students Mentored: (2020-21): 5 EMBA in GSC students, 1 PhD student

Selected Faculty Mentoring or Other Active Collaborations:

- Direct and participate in funded projects as Director of the Advanced Supply Chain Collaborative focused on research on advanced supply chain strategies and capabilities.
- Department head special projects execution and leadership counseling with Dr. Chad Autry.

Selected Other Evidence of Impact on the Institution:

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

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Knoxville

Robert Condra Chair of Computer Integrated Engineering and Manufacturing

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding (2020-2021)

- Battery Cell Thermal Model, Volkswagen Group of America.
- Design of Next Generation eVTOL Systems, Army Research Lab.
- Fully Unitized Fuel Cell Manufactured by a Continuous Process, Plug Power Inc.
- 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.

Publications (2020-21): 3; multiple abstracts

Presentations (2020-21): Several presentations and invited talks

Graduate Students Mentored: (2020-21):

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

Faculty Mentoring or Other Active Collaborations:

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

Selected Other Evidence of Impact on the Institution:

- Served as Interim Vice Chancellor for Research, December 2019-July 2020.
- Department Head of Mechanical, Aerospace, and Biomedical Engineering, August 2013-November 2019, August 2020-April 2021.
- Named Chancellor's Professor, Fall 2020.
- Named to the "World's Most Influential Scientific Minds: 2014" by Thomson Reuters.
- Named to Highly Cited Researchers 2014 list, ranking among the top 1% most cited authors in field of engineering over 11-year period 2002-2012.
- Named a Fellow of the American Society of Mechanical Engineering in 2013.

Recommendations to Enhance the Effectiveness of the Program

- Enhancing faculty growth, external research funding for laboratories, and fostering an environment that promotes innovation, fairness, and impact.
- Personal research development aimed to become a national leader in aerospace energy storage.

University of Tennessee Knoxville

Robert Condra Chair of Excellence in Power Electronics Applications

Status of the Chair of Excellence

Dr. Fei “Fred” Wang (Electrical Engineering, PhD, USC, 1990) is the current holder of the *Robert Condra Chair of Excellence in Power Electronics Applications*. Dr. Wang is National Science Foundation (NSF)-Department of Energy (DOE) ERC CURENT co-founder and Technical Director, joint ORNL appointment, has authored or co-authored 106 journal papers, 323 conference presentations, 4 book chapters, 14 awarded/pending US patents, 7 Institute of Electrical and Electronics Engineers (IEEE) prize papers, and has been granted the IEEE Gerald Kliman Innovation Award, 3 Transactions on Consumer Electronics (TCE) Research Achievement Awards, the General Electric (GE) Dushman Award, and is a Fellow of the IEEE and National Academy of Inventors (NAI).

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

Active Grants and Other Sources of Funding (2020-21)

- NSF-DOE ERC CURENT: \$38,500,000.
- DOE ARPA-E: 4,800,000.
- DOE AMO: \$6,500,000.
- UT-Battelle projects \$1,200,000.
- Other sources, \$500,000.

Selected Publications (2020-21):

- 1 book chapter.
- 15 journal papers.
- 3 granted patents.

Selected Presentations (2020-21):

- 2 tutorials.
- 1 keynote speech.

Graduate Students Mentored: (2020-21):

- 2 PhD, 1 MS graduated.
- 8 PhD, 1 MS currently mentored.

Faculty Mentoring or Other Active Collaborations:

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

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Knoxville

Forrest and Patsy Shumway Chair of Excellence in Romance Languages

Status of the Chair of Excellence

The *Forrest and Patsy Shumway Chair of Excellence in Romance Languages* was established in 1987 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 (2020-2021):

- 1 under formal review, as of April 2020, at North Carolina Studies in Romance Languages & Literatures, an imprint of UNC Press: *Interpretaciones: Experimental Criticism and the Metrics of Latin American Literature*.
- Publication delayed until August 2021 "Notes Toward a Border Cinema: Words and Action in Jonás Cuarón's *Desierto*." *Studies in American Culture*.

Presentations (2020-2021): 1

Mentoring or Other Active Collaborations:

- Faculty mentor for *Vernacular*, Modern and Foreign Language and Literature's (MFL) online graduate student journal. *Vernacular* published its sixth issue in May.
- Taught, for the first time, Hispanic Studies' advanced undergraduate cinema course.
- Taught graduate course on the Hispanic Caribbean.
- Led the Hispanic Studies program in San José, Costa Rica, where I taught two courses.
- Mentor to Annachiara Mariani (Italian program).
- Director of Lucas Sharp's dissertation; co-director of Sara Rico-Godoy's dissertation; Lizely López (Hispanic Studies) planning to write dissertation under my supervision.

Selected Other Evidence of Impact on the Institution:

- Founding director of the faculty seminar on Latin American & Caribbean Studies (UT Humanities Center, 2014-2018).
- MFL Director of Graduate Studies August 2018-August 2021.
- Hispanic Studies graduate coordinator August 2018-July 2020.

Recommendations to Enhance the Effectiveness of the Program

- Secure a book contract for completed manuscript and to have manuscript published during the upcoming report cycle.
- Continue research and writing for next manuscript, on the concept of solitude in Latin American cultural production.

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

Status of the Chair of Excellence

Dr. Thanos Papanicolaou, the last chairholder of the *Henry Goodrich Chair of Excellence in Waste Management and Environmental Engineering* left the University of Tennessee in February 2020. Tickle College of Engineering has submitted its list of hiring priorities for FY21, on which this position was listed as of high priority for the college. Due to the pandemic and the resulting hiring freeze, we were not allowed to pursue an open search for this position. In lieu of pursuing an opportunity hire, the CEE department chose to wait for the general hiring freeze to be lifted. We anticipate approval to search for this position and anticipate it being filled effective no later than August 2022.

University of Tennessee Knoxville Hodges Chair of Excellence in English

Status of the Chair of Excellence

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

University of Tennessee Knoxville Ivan Racheff Chair of Excellence in Materials Science and Engineering

Status of the Chair of Excellence

Professor Peter K. Liaw has been the Holder of the *Ivan Racheff Chair of Excellence in Materials Science and Engineering*, since 1993. He has published 1,043 journal papers with 32,138 citations and an H index of 78 based on the Web of Science. Because of his outstanding and significant contributions to the Mechanical Behavior of Materials Committee of the Minerals, Metals & Materials Society (TMS), and his great service to the TMS, he was recognized with the TMS Distinguished Service Award in 2007 and was named as a prestigious TMS Fellow in 2018 and a Fellow of the American Society for Metals (ASM). There is a 2020 TMS Honorary Symposium dedicated to him.

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

Selected Active Grants and Other Sources of Funding

- Army Research Office (with Dr. F. Zhang) \$500,000,
- Honda R&D Americas Inc. \$315,000,
- National Science Foundation (NSF) \$420,000,
- NSF (with Professor Gao) \$375,000,
- Office of Naval Research, \$225,000.

Publications (2020-2021): Based on the Web of Science, there are 5 papers in high-impact journals, including *Nature Communications*, *Science Advances*, *Advanced Materials*, *Progress in Materials Science*, and *npj Computational Materials* with Prof. Liaw as a co-author. Professor Liaw and his team members have produced 111 journal publications.

Presentations (2020-2021): Professor Liaw and his team members have given 65 presentations, including invited and contributed lectures, including 27 and 13 presentations at the 2020 and 2021 TMS Annual Meetings, respectively.

Graduate Students Mentored (2020-2021): 11

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

Other Evidence of Impact on the Institution: Since 1974, organized or co-organized 79 TMS symposia.

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Knoxville

Ivan Racheff Chair of Excellence in Plant Molecular Genetics

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding

- \$11.8M of active external awards (10 total), including 2 new awards.
- Major funders are DARPA and the DOE.

Publications (2020-2021): 11

Presentations (2020-2021): 2 invited presentations at national meetings remotely and several others to stakeholders, funders, and companies.

Graduate Students Mentored (2020-2021):

- Shamira Sultana, PhD, Plant Sciences/Biotech.
- Jessica Layton, MS, Plant Sciences/Biotech; MS, 2020.
- Alex Pfothenauer, Ph. D. (co-advisor), Food Science/Synthetic Biology.
- Paolo Tagaloguin, MS, Plant Sciences/Biotech, Fulbright Scholar; MS, 2021.
- Robert Sears, PhD, Plant Sciences/Biotech.
- Tyler Newton, MS Plant Sciences/Biotech.
- Jessica Stockdale, MS, Plant Sciences/Biotech.

Faculty Mentoring or Other Active Collaborations:

- Active collaborations exist in several UT departments, as well as ORNL, MIT, UC-Davis, and other universities and companies.

Other Evidence of Impact on the Institution:

- Co-director of the Center for Agricultural Synthetic Biology.
- Co-director of the Tennessee Plant Research Center.
- Nominee, UT President's Award.

Recommendations to Enhance the Effectiveness of the Program

- Continue to refurbish the core facility of the Center for Agricultural Synthetic Biology.
- Build out new lab for secure research.
- Begin secure research for national security goals.
- Finish 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.
- Establish a greenhouse "phenomics" facility based on fluorescence and hyperspectral capabilities.
- Complete and publish two books.

University of Tennessee Knoxville

J. Fred Holly Chair of Excellence in Economics

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding

- Two active grants: US EPA and USDA, totaling 1.3 million.

Publications (2020-2021): 7

Presentations (2020-2021):

- London School of Economics, Grantham Research Institute, June 2021.
- Southern Economic Association, annual conference, November 2021.
- Science of Philanthropy Initiative, annual conference, September 2020.
- Economic Science Association, Around-the-Clock Global Conference, September 2020.

Graduate Students Mentored (2020-2021):

- Chaired four dissertation committees, served on two other dissertation committees. Advised one student on his second-year research paper (department requirement).

Other Evidence of Impact on the Institution:

- Editor-in-chief of the *Journal of the Association of Environmental and Resource Economics*.
- Co-editor of *Environmental and Resource Economics*.
- Director of UT Experimental Economics Laboratory.
- Fellow of the Baker Center for Public Policy.
- Fellow of the Center for Behavioral and Experimental Agri-Environmental Research.

Recommendations to Enhance the Effectiveness of the Program

- Spend Spring 2022 sabbatical collaborating with researchers at the University of Exeter (UK) tackling pressing environmental policy issues (This was delayed due to COVID-19).
- Establish a Ph. D. student reading group in the areas of micro theory and experimental economics.
- Establish biannual academic workshop on experimental and environmental economics
- Create an undergraduate course in behavioral economics that is widely accessible.
- Secure additional research funding for students to undertake empirical and experimental research.

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-Principal Investigator on NSF grant, workshop on invasion biology, \$63,174, through Aug. 2020.

Publications (2020-21): 18

- 15 articles, 2 book reviews and 1 popular article.
- Lead editor and author of sections of new edition of classic book, *Ecology of Invasion by Animals and Plants*, Springer, 2020.

Presentations (2020-21): Six at conferences, 6 at universities, five delayed by pandemic, and one cancelled by pandemic

Graduate Students Mentored: (2020-21): 4

- Krista DeCooke – hemlock woolly adelgid and conservation NGO (May 2023).
- Maria Daniela Rivarola - rodent ecology (December 2021).
- Jordan Bush – mathematical modeling; herpetofaunal ecology (Ph. D. July 2020).
- Wieteke Holthuijzen – invasion biology (Ph. D. 2024).
- Sara Campbell, Post-Doctoral Fellow (2020-2021).

Faculty Mentoring or Other Active Collaborations:

- Pursuing one book, three manuscripts and developing three other research projects.

Other Evidence of Impact on the Institution:

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

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Knoxville

Pilot Oil Corporation Chair of Excellence in Leadership

Status of the Chair of Excellence

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

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

Publications (2020-21): 2

Presentations (2020-21): 3

Faculty Mentoring or Other Active Collaborations:

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

Other Evidence of Impact on the Institution:

- Working closely with Advancement on several major gift agreements (multiple large gifts to the department received in 2020-2021).
- Successful recruitment of three new departmental faculty in 2020-2021 and launch of programmatic updates to Business Analytics M. S. and Ph. D. programs.
- Continued growth, despite the challenges of the pandemic, in the department's Corporate Partnership Program, which enhances ties between the Haslam College's award-winning Business Analytics faculty and programs and the business community.
- Led a reimagining, redesign, and complete remodeling of the department's physical space in order to foster closer and more meaningful interactions between students, faculty, and industry partners. Worked closely with Advancement to secure major donor support for this remodel project.

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Knoxville

Willis Lincoln Chair of Excellence in Physics

Status of the Chair of Excellence

Dr. Cristian Batista (PhD) is the Chairholder of the *Willis Lincoln Chair of Excellence in Physics* since 2015. Dr. Batista, a theoretical condensed matter physicist, came to UT from Los Alamos National Laboratory and holds joint appointments at UTK and Oak Ridge National Laboratory (ORNL).

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

Active Grants and Other Sources of Funding

- “Theoretical understanding of novel magnetic states in f-electron materials” LANL, PI (Cristian Batista).
- “Understanding Quantum Matter Beyond the Unit Cell” FWP program of ORNL, PI (Andy Christianson).
- “Quantum Multipolar Fluctuations in Spin-orbit Magnets” PI’s, DOE funding (UTK PI: Cristian Batista, Georgia Tech PI: Martin Mourigal).

Publications (2020-21): 15

- 5 articles published in high-profile journals

Presentations (2020-21): 8

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.
- Recruitment of two PhD students.

Other Evidence of Impact on the Institution:

- Wrote a cluster hiring proposal, Quantum Materials for Future Technologies (QMFT), that was selected by UTK among 18 proposals. UTK has already hired three professors (A. del Maestro, Ruixing Zhang, and Alan Tennant).
- Received the Graduate Professor of the Year from UTK.
- Submitted several NSF and DOE proposals as Co-PI and single PI in 2021.

Recommendations to Enhance the Effectiveness of the Program

- Additional recruitment of high-quality Ph. D. students is critical.
- Proactive recruiting/international exchange programs with top universities.
- Boost career of young scientists through tight experiment/theory collaborations.
- Complete the cluster hire. We plan to hire one more theorist and two experimentalists.
- Create a summer student program at the Shull Wollan Center.
- Build a strong experimental/theory group in correlated electron physics.

University of Tennessee Knoxville

H. H. Arnold Chair of Excellence in Computational Mechanics

Status of the Chair of Excellence

The *H. H. Arnold Chair of Excellence in Computational Mechanics* was established in 1996 and Dr. John D. Schmisser was hired as the Chairholder effective August 2014. He teaches and leads research at the UT Space Institute. Prior to joining the faculty, Dr. Schmisser was the Chief of the Energy, Power and Propulsion Sciences Division and Program Manager for Hypersonics/Aerothermodynamics within the Air Force Office of Scientific Research.

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

Active Grants and Other Sources of Funding

- Thirteen active awards from the Air Force, Navy, DoD High-Performance Computing Modernization Office, and NASA with obligated funding approaching \$11M.

Publications (2020-21): 5

Presentations (2020-21): 5

Graduate Students Mentored (2020-21): 9

- Five students (incl. four women) graduated and took positions at Oak Ridge and Sandia National Laboratories, NASA Ames, and the USAF Research Laboratory.

Faculty Mentoring or Other Active Collaborations:

- Led UT engagement with Lockheed Martin in securing ~\$600k of new industry funding for aerospace research at UT.
- Chosen as a member of the Initial Governing Board for the DoD-sponsored *University Consortium for Applied Hypersonics* – comprised of 100+ academic and industrial inst.
- Led seven university DoD funded effort in Hypersonic Workforce Development.

Other Evidence of Impact on the Institution:

- 2021 nominee for the *President's Award* in the area of *Discovery*.
- Elected to the University of Texas at Austin Aerospace Eng. & Eng. Mechanics *Academy of Distinguished Alumni*.

Recommendations to Enhance the Effectiveness of the Program

- Complete characterization of Air Force Research Laboratory (AFRL) funded Mach 7 Ludwig Tube (first run in Spring 2021).
- Add two new research associates and a post-doctoral associate to research team to enable completion of funded work (Fall 2021).
- Continue leadership of UT efforts in pursuit of hypersonic research funded by DoD.
- Leverage rapidly growing hypersonics portfolio to develop broader research capabilities supporting full spectrum of Aerospace and Defense research and dramatically increase UTSI presence in Huntsville.
- Promote regional development of high-tech industry in southern middle Tennessee catalyzed by access to high-quality research at UTSI.

**University of Tennessee Knoxville and Space Institute
Edward J. and Carolyn P. Boling
Chair of Excellence in Space Propulsion**

Status of the Chair of Excellence

The *Edward J. & Carolyn Boling Chair of Excellence in Space Propulsion* chair was last filled in 2009 by Dr. Gary A. Flandro. As we hire more faculty, we will look for opportunities to utilize this distinction.

University of Tennessee Martin, 2020-2021

Chair of Excellence	Date Established	Chairholder
1) Gilbert Parker Chair of Excellence in Food and Fiber	Dec 1988	Dr. Joey Mehlhorn
2) Horace and Sarah Dunagan Chair of Excellence in Banking	Dec 1988	Mr. John Clark
3) Tom E. Hendrix Chair of Excellence in Free Enterprise and Economics	March 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 (Ph. D. Agricultural Economics) serves as the Chair Holder of the *Gilbert Parker Chair of Excellence in Food and Fiber*. The Parker Chair is charged with coordinating the Master of Science in Agriculture and Natural Resources program. Activities include advising graduate students, teaching graduate courses in agribusiness and system science, recruiting students, and serving on student graduate committees.

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

Active Grants and Other Sources of Funding

- Tennessee Governor's School for the Agricultural Sciences, Tennessee Department of Education and Tennessee Department of Agriculture (\$156,000).
- Tennessee Corn Promotion Board (\$19,900).
- Midway USA Foundation Grant (\$5,056).

Publications (2020-2021): 7

Presentations (2020-2021): 26

Graduate Students Mentored: (2020-2021): 4

Faculty Mentoring or Other Active Collaborations:

- Served as Interim Dean of Graduate Studies.
- Provided guest lectures in the area of Food Security and Agricultural Policy for College of Business and Global Affairs.
- Ned Ray McWherter Institute Faculty Mentor.
- Chair of Graduate Studies Strategic Enrollment Planning Committee and served in University SEP Steering Committee.
- Agriculture in Italy Planning Committee.
- AGECE 110 Introduction to Agribusiness course for 22 TGSAS scholars in 2021.
- Coordinator for the State FFA Farm Business Management Contest.
- Director of the Tennessee Governor's School for the Agricultural Sciences.

Recommendations to Enhance the Effectiveness of the Program

- Continue to serve on the planning committee for the Mid-South Agricultural Finance Conference.
- Expand graduate programs.
- Recruit students to graduate programs and direct student projects.
- Expand and diversify undergraduate Agribusiness program and MSANR program as necessary to meet industry needs.
- Expand external funding to support research projects.
- Continue to provide economic and business assistance for departmental research projects.

University of Tennessee Martin

Horace and Sarah Dunagan Chair of Excellence in Banking

Status of the Chair of Excellence

Mr. John Clark, retired banker and former President and CEO of First State Bank, now Simmons Bank, holds *The Horace and Sara Dunagan Chair of Excellence in Banking* as Interim Director in a non-academic capacity since January 2017. The Dunagan Chair of Excellence in Banking at UT Martin bridges academia and the banking profession through innovative and impactful teaching and practitioner-oriented service and intellectual contributions, as well as working with community banks by hosting seminars and partnerships to offer internships/work experiences for students with an interest in a potential banking career.

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

Developed Network of Banks and Banking Professionals

- Continued expanding opportunities with banks and financial services entities for students while still enrolled and upon graduation.
- Worked with Tennessee Bankers Association (TBA), banks, and other universities on BankCareers.org project to better connect students with future employment opportunities.
- Organized and led student trips to Nashville for Financial Management Association (FMA) and TBA Credit Conference.

Research Projects

- 2019-2020 Conference of State Bank Supervisors (CSBS) Case Study Project; with a five-member student team, partnering with First Citizens National Bank (Dyersburg, TN).
- Initiated survey with TBA and UTM students to identify skills college students need for successful entry into banking job opportunities.
- Initiated survey with selected bankers, TBA, and Dr. Christie Chen of Tennessee banks' participation in the Small Business Administration (SBA) Payroll Protection Program (PPP).

Selected Other Activities

- Sponsored the 20th annual Mid-South Agricultural Finance Conference (285 attendees).
- Sponsored the Ag Finance Bootcamp (one day workshop prior to Ag Finance Conference).
- Worked to develop the 21st annual Mid-South Ag Finance Conference in a virtual format.

Recommendations to Enhance the Effectiveness of the Program

- Continue to participate in the CSBS Case Study Competition.
- 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 lead the Topics in Finance (FIN 471) class.

University of Tennessee at Martin Tom E. Hendrix Chair of Excellence in Free Enterprise and Economics

Status of the Chair of Excellence

Dr. Tommy Cates (D. B. A. , Management) holds the *Tom E. Hendrix Chair of Excellence in Free Enterprise and Economics*. The Hendrix Chair supports free enterprise through development of students in entrepreneurship and leadership both at the collegiate and the high school levels. This includes working with students who are interested in starting their own companies. Along with these emphases, teaching and research are required.

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

Faculty Mentoring or Other Active Collaborations:

Other Evidence of Impact on the Institution:

- Supported Tennessee Jump\$tart (Financial Literacy):
 - Served on Board of Directors for the statewide coalition.
 - Planned and actively supported the 2021 Convention for educational leaders.
 - Served as moderator for a session of the Jump\$tart Conference.
 - Developed promotional materials and images to support the 2021 Conference.
- Serve as pro bono consultant to local entrepreneurs as needed.
- Led Entrepreneurship Seminar in Spring Semester with emphasis on Pitch Night Event.
- Taught two undergraduate classes in Entrepreneurship and Leadership.
- Supported minors in Entrepreneurship and Leadership.
- Served on Committees as Assigned:
 - Strategic Planning Committee within the College of Business and Global Affairs.
 - Graduate Committee within College of Business and Global Affairs.
 - Interdisciplinary Studies Committee (CBGA representative).
 - Committee for Additional Faculty.
- Served on the Marketing, Distribution & Logistics Advisory Council within the Tennessee State Department of Education.
- Reviewed two articles for the *Journal of Business Perspectives* within the College of Business and Global Affairs.

Recommendations to Enhance the Effectiveness of the Program

- Continue leadership role in Tennessee Jump\$tart and to provide economic and business assistance for departmental research projects.
- Pursue contacts in high schools to visit DECA and FBLA programs and to serve as mentor in these programs.