

Chairs of Excellence

October 2020
Annual Report

TENNESSEE HIGHER EDUCATION COMMISSION

2020-21 COMMISSION MEMBERS

Mr. Evan Cope, *Chair*, Murfreesboro (Middle Tennessee)

Dr. Nancy Dishner, Johnson City (East Tennessee)

Ms. Pam Koban, Nashville (Middle Tennessee)

Mr. Jay Moser, Jefferson City (East Tennessee)

Ms. Tara Scarlett, Nashville (Middle Tennessee)

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

Mr. Frank L. Watson, Jr., Memphis (West Tennessee)

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

Ms. Dakasha Winton, Chattanooga (East Tennessee)

Mr. Tre Hargett, Secretary of State

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

Mr. Justin P. Wilson, State Comptroller

Dr. Sara Heyburn Morrison, Executive Director, State Board of Education, non-voting

Mr. Dawson Hassler, Student Member

Chairs of Excellence Table of Contents



Overview 1

Austin Peay State University 3

East Tennessee State University 8

Middle Tennessee State University 17

Tennessee State University 28

Tennessee Technological University 31

University of Memphis 34

University of Tennessee Chattanooga 60

University of Tennessee Health Science Center 71

University of Tennessee Knoxville 92

University of Tennessee Martin 111

Tennessee Higher Education Commission

Chairs of Excellence

2019-2020

The 2019-2020 Chair of Excellence report fulfills a statutory requirement of the Tennessee Higher Education Commission to address the general status of the Chairs of Excellence program; the impact that the Chairs of Excellence program has had on higher education institutions and programs; and recommendations to enhance the effectiveness of the program (T.C.A. § 49-7-502.)

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

The following pages provide all Chairs of Excellence by name, date established, and current Chairholder, followed by documentation of the current status, perceived impact, and recommendations for each Chair of Excellence alphabetically by institution. As of October 2020, 17 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 2020

Institution	Number of Chairs of Excellence	Number Filled	Percent Filled
Austin Peay State University	4	3	75%
East Tennessee State University	8	8	100%
Middle Tennessee State University	10	6	60%
Tennessee State University	2	1	50%
Tennessee Technological University	2	2	100%
University of Memphis	24	19	75%
Locally Governed Institutions	50	39	78%
UT Chattanooga	10	10	100%
UT Health Science Center	19	17	90%
UT Knoxville	18	14	78%
UT Martin	3	3	100%
University of Tennessee System	50	44	88%
Total	100	83	83%

Austin Peay State University, 2019-2020

Chair of Excellence	Date Established	Chairholder
1) Roy Acuff Chair of Excellence in Creative Arts	March 1986	John Patrick Shanley Freddie Ashley Antoinette DiPietropolo Erica Weiss ZFX Flying Effects New Dialect Dance Company
2) APSU Foundation Chair of Excellence in Free Enterprise	June 1987	Dr. Michael Phillips
3) Harper-Bourne Chair of Excellence in Business	June 1987	Vacant since 2015
4) Lenora C. Reuther Chair of Excellence in Nursing	Sept 1993	Dr. Patty M. Orr

Austin Peay State University

Roy Acuff Chair of Excellence in Creative Arts

Status of the Chair of Excellence

The Department of Theatre and Dance received the Acuff Chair of Excellence in 2019-2020 and selected five theatre artists, one special effects company, and a dance company to present workshops and work on two student productions in their 2019-2020 season. Each of the following visiting artists worked (or would have worked) extensively with APSU theatre and dance majors during classes as well as with students and community members at publicly held masterclasses, Q&As, and meet-and-greet events. However, not all of the activities were able to occur as planned, due in part to a last-minute cancellation by a major guest artist as well as the cancellation of several events including a major production as a result of the COVID-19 pandemic.

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. Prior to the cancellation of many Acuff events and activities, the 2019-2020 APSU Theatre and Dance Department's Acuff Chairs of Excellence gave students opportunities to learn from, audition for, and work with top professionals in the entertainment industry. Freddie Ashley was so impressed with APSU students that he decided to come back to APSU to hold internship auditions for his theatre, Actor's Express, located in Atlanta, GA. Due to shelter-in-place orders, his auditions and interviews are currently taking place online instead of on campus. Multiple Acuff Chair events including talks on the industry, Q&A's, and meet and greet receptions were open to the community. Hundreds of community members attended the world premiere of new work by John Patrick Shanley, one of the most prolific playwrights of our time.

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

Austin Peay State University

APSU Foundation Chair of Excellence in Free Enterprise

Status of the Chair of Excellence

The *APSU Foundation Chair of Excellence in Free Enterprise* was created in 1987. Dr. Michael Phillips, Professor of Finance, filled the Chair for 2019-20. Dr. Phillips has had a distinguished career as a faculty member at Austin Peay State University. Dr. Phillips has an active research agenda, including a recent publication in *Managerial Finance*, a leading peer review journal. Furthermore, Dr. Phillips mentors students participating in the Tennessee Valley Authority Investment Challenge and sits on the board for the Larry W. Carroll Govs Fund—a student-managed investment fund in the College of Business.

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

The Free Enterprise Chair of Excellence is an important complement to the College of Business. The chair works to mentor students participating in a variety of experiential learning opportunities focused on financial markets. In the 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 Govs Fund—a \$250,000 student-managed investment fund.

Recommendations to Enhance the Effectiveness of the Program

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

Austin Peay State University

Harper-Bourne Chair of Excellence in Business

Status of the Chair of Excellence

The Harper-Bourne Chair of Excellence in Business was created in 1987. It was made possible by a substantial gift to the University from Amelia Harper Lay Hodges, prominent Dallas humanitarian. During the 2019-20 year, the chair position was vacant, following a failed search in the spring of 2019. A subsequent search during the 2019-20 year resulted in the hiring of Dr. Emily Lean, who will fill the position for the 2020-21 academic year.

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

The Harper-Bourne Chair of Excellence in Business is an important complement to the programs and faculty of the College of Business. In the 2019-20 academic year a national search was used to identify a senior faculty member to serve as the College of Business Director of Graduate Programs. This search resulted in Dr. Emily Lean filling the chair position for the 2020-21 academic year. Dr. Lean joins Austin Peay from Union University, where she was involved in their graduate programs and was the Director of Assurance of Learning.

Recommendations to Enhance the Effectiveness of the Program

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

Austin Peay State University

Lenora C. Reuther Chair of Excellence in Nursing

Status of the Chair of Excellence

Dr. Patty Orr has been the chairholder of the *Lenora C. Reuther Chair of Excellence in Nursing* for the past 12 years. She has obtained seven separate grants and eight renewals while at APSU, totaling approximately \$470,000 in funding. Her most recent grant application received funding in August 2020 for rural health preceptorships in Middle TN. These external preceptorships will support the Family Nurse Practitioner (FNP) graduate students' clinical training. The Matthew Walker Diabetes Management community based grant finished its tenth year of execution January 2020. This grant execution resulted in a significant clinical measurable improvement for 250 diabetes patients that prevented patient complications. Dr. Orr developed and executed an undergraduate research Bachelors of Science of Nursing (BSN) student initiative with a large primary care practice over the past two years. This research partnership with Premier Medical Group is continuing for a third year during the 2020-21 academic year.

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

One significant Chair of Excellence impact on the School of Nursing (SON) has been serving as a faculty mentor for research, publication and grant funding. In 2018, she invited Dr. Kristin Hershey to assist with the TN Hospital Association (THA) grant which provided APSU SON students the opportunity to practice in the community and be recognized locally. THA invited Dr. Orr to present the research findings during the fall 2019 annual THA meeting. Dr. Orr also developed the three graduate research courses for the new graduate nursing program. The Chair of Excellence contributes to graduate students' learning by preparing them to develop and implement a research proposal and project. Graduate students (28 students) received International Review Board (IRB) approval during summer 2020 semester with Dr. Orr's guidance. Dr. Orr serves as the Montgomery County representative to the Nashville Mid-Cumberland Regional Health Council.

Recommendations to Enhance the Effectiveness of the Program

In a time of competition for external funding to support higher education, grant application and funding is essential for the survival of the SON. Programs such as the partnership with Premier Medical increase program effectiveness and create opportunities for undergraduate research and innovative nursing care programs. This telehealth program has the potential to become a model for other nursing programs as a component of an undergraduate BSN program. The SON, under the leadership of the COE, will seek funded grant opportunities in AY 2020 -21. APSU is moving forward in the development of a sound strategic plan for research and grant opportunities. The SON grants and research initiatives also improve the health status of the community.

East Tennessee State University, 2019-2020

Chair of Excellence	Date Established	Chairholder
1) AFG Industries Chair of Excellence in Business and Technology	March 1987	Dr. Andrew J. Czuchry
2) Allen and Ruth Harris Chair of Excellence in Business	June 1988	Dr. Allan D. Spritzer <i>(retired May 2020)</i> Mr. David Golden <i>(started Sept 2020)</i>
3) Carroll H. Long Chair of Excellence in Surgical Research	June 1989	Dr. David Williams
4) Cecile Cox Quillen Chair of Excellence in Geriatrics and Gerontology	Jan 1986	Dr. Ronald C. Hamdy
5) James H. Quillen Chair of Excellence in Education	March 1994	Dr. Aimee Govett
6) LeeAnne Brown and ETSU Physicians & Associates Chair of Clinical Excellence	Dec 1995	Dr. Mohamad J. Hajianpour
7) Paul Dishner Chair of Excellence in Medicine	Nov 1989	Dr. Koyamangalath Krishnan
8) Wayne G. Basler Chair of Excellence for the Integration of the Arts, Rhetoric, and Science	Jan 1995	Mauricio Anton

East Tennessee State University

AFG Industries Chair of Excellence in Business and Technology

Status of the Chair of Excellence

Working with the faculty, students, and local business and industry, the AFG Chair of Excellence assists in developing new graduate program emphases in Entrepreneurship, Technology Innovation, Quality Management, Project Management, and Continuous Improvement. Dr. Andrew J. Czuchry has held the AFG Chair since 1992 and retired in May 2020.

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

The AFG Chair of Excellence is an important complement to the Engineering, Technology, and Business programs and faculty. The AFG Chair of Excellence supports our college because our success has generally been something that brings added value to existing businesses such as Bristol Tennessee Essential Services (BTES) that won the Malcolm Baldrige National Quality Award in 2017. Our contribution was the broadband capability innovation that was deployed by BTES. Further, the undergraduate engineering entrepreneurship experimental course proposal developed by this chair should be implemented in spring 2021.

Recommendations to Enhance the Effectiveness of the Program

Assist and support hiring the next AFG Chair who is committed to the mission of the College and University in support of education, scholarship and Regional Economic Development.

East Tennessee State University

Allen and Ruth Harris Chair of Excellence in Business

Status of the Chair of Excellence

The primary mission of the Allen and Ruth Harris Chair of Excellence in Business is to help strengthen the linkages between the business programs of the ETSU College of Business and Technology and the regional business community through public service and assistance for local and regional economic development. The past holder of the Harris Chair is Dr. Allan D. Spritzer, who retired in May 2020.

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

The Harris Chair of Excellence in Business continues to strengthen the linkages with the business community, positively impacts economic development in the region, and thereby enhances the reputation of the University, the College, and its business programs. Despite personal illness, Dr. Spritzer fulfilled his ETSU instructional commitments as well as his leadership and service obligations as a member and/or officer of local and regional economic development boards and committees. The Harris Chair of Excellence in Business strengthens the linkages with the business community, positively impacts economic development in the region, and thereby enhances the reputation of the University, the College, and its business programs.

Recommendations to Enhance the Effectiveness of the Program

A search for a replacement Allen and Ruth Harris Chair of Excellence in Business has been completed. David A. Golden began on September 1, 2020. Mr. Golden has experience as a Senior Vice President, Chief Legal and Sustainability Officer and Corporate Secretary of a multinational *Fortune 500* company. He has extensive experience in Regulatory Affairs, Government Relations, International Trade Compliance and Public Policy. As the Harris Chair of Excellence in Business, Mr. Golden will be positioned to strengthen business and community partnerships while enhancing regional economic development.

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

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

Dr. Williams teaches and mentors undergraduate, medical and graduate students, postdoctoral fellows, surgical residents and junior faculty. He also serves as the Co-Director for the ETSU Center of Excellence in Inflammation, Infectious Disease and Immunity (CIIDI). Dr. Williams authored or co-authored (students, postdoctoral fellows and faculty) nine peer reviewed scientific papers, one review paper and twenty-three scientific abstracts and/or presentations at national and international meetings. Three of the abstracts won awards at national and international scientific meetings.

In 2019, Dr. Williams was a Visiting Professor at Nottingham University Medical School (UK). He serves on the editorial boards for three journals, is a reviewer for several scientific journals, and he is a member of several scientific associations, scientific advisory boards, and boards of directors. Dr. Williams research has been continuously funded by the National Institutes of Health (NIH) for the past 24 years. He is currently the Principal Investigator (PI) on two NIH RO1 grants and one NIH subcontract as well as a co-investigator on two NIH RO1 grants.

Recommendations to Enhance the Effectiveness of the Program

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

East Tennessee State University

Cecile Cox Quillen Chair of Excellence in Geriatrics and Gerontology

Status of the Chair of Excellence: 2019-2020

The Chairholder of the Cecile Cox Quillen Chair of Excellence in Geriatrics and Gerontology is Dr. Ronald Hamdy. Under Dr. Hamdy's leadership, the Osteoporosis Program continues to expand and is well established. Through a collaborative effort with ETSU University Physicians, the Chair purchased a new bone densitometer to further consolidate its position as a regional referral center. He has also worked to increase the Center's competitiveness to attracting funding for research.

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

The Chair's Teaching Program is thriving: A number of educational programs for clinicians and health care providers have been developed under the auspices of various institutions, including ETSU Continuing Medical Education Programs and the Royal Society of Medicine in England.

The Research/Publications Program is thriving and includes:

The Chair participates in an international, multi-center, randomized, double-blind clinical trial comparing the subcutaneous to transdermal administration of abaloparatide (Tymlos) for the treatment of osteoporosis. In 2019-2020, the Chair published two original manuscripts and four editorials. The Chair also serves on the ETSU IRB.

The Chair maintains national and international visibility.

In October 2020, the Chair will end the two-year term as President, Geriatric Section, Royal Society of Medicine, England and will assume the responsibilities of "Immediate Past President". The Chair is Editor-in-Chief, *Journal of Clinical Densitometry*, the official Journal of the International Society for Clinical Densitometry, and Editor of *Gerontology and Geriatric Medicine*. The Chair is a voting member of the Board of Directors for the International Society of Clinical Densitometry.

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.
- Maintain high national and international visibility. Complete term as President of the Geriatric Medicine Section of the Royal Society of Medicine and transition to immediate past President.
- Maintain activities as Editor-in-Chief of the *Journal of Clinical Densitometry* and Editor of the *Journal of Gerontology and Geriatric Medicine*.
- Depending on outcome of negotiations, participate in a randomized, double-blind, placebo-controlled trial on new medication for Alzheimer's disease.
- Explore possibility of researching impact of Yoga and similar programs on health of older people.

East Tennessee State University

James H. Quillen Chair of Excellence in Education

Status of the Chair of Excellence

Dr. Aimee Govett, professor in the Department of Curriculum and Instruction (CUAI), acts as the current chairholder of the *James H. Quillen Chair of Excellence in Education*. (August 15, 2014 – December 15, 2020). The holder of the Quillen Chair of Excellence in Teaching and Learning, as a member of Clemmer College faculty, will have an international reputation as a scholar, experience in working with schools as well as in higher education, and a research record that will generate extramural funding for the purposes of providing expertise in teaching and learning.

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

Dr. Govett worked with North Side Elementary (NSE) School, Johnson City (JC), for five academic years as an extension of the National Science Foundation (NSF) GK12 grant “Science First” providing professional development (PD) for teachers; supplying STEM curriculum materials; and assigning graduate students as STEM professionals which included graduate students teaching at the Johnson City STEAM Summer Camp. Dr. Govett and other college faculty worked with Indian Trail Intermediate School (JC) and Boones Creek Elementary (Washington County) to coordinate Engineering and Mathematics PD for qualifying for Tennessee STEM Innovation Network (TSIN) STEM Designated School applications. Since fall 2014, Dr. Govett has been Co-Principal Investigator on four National Science Foundation (NSF) grants (“Science First”; “Northeast Tennessee Robert Noyce Scholarship Program” and “Virtual Ecology”) as well as one THEC funded grant (“Incorporating Active Learning into Life Sciences Teaching”). Currently, Dr. Govett is Co-Investigator of an NSF grant “Noyce East Tennessee STEM Teacher Recruitment” awarded April 11, 2019 (\$1,198,971). Total grant funding awarded since tenure \$5,482,072.

Recommendations to Enhance the Effectiveness of the Program

A multiple year review of the Quillen Chair resulted in a clarification of the original intent and charges for this office. The Chairholder will:

- Establish a personal research program of national research and international importance;
- Involve faculty and graduate students at the University in group research projects that will build a national reputation;
- Obtain basic research funding from agencies such as the Office of Education, National Institute of Education (NIE), and private foundations;
- Attract outstanding researchers to the campus to give lectures and collaborate with faculty members and students in the college as well as with teachers and administrators in the schools; and
- Continue to teach graduate courses and organize graduate research seminars.

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. Mohamad J. Hajianpour is Professor and head of the Division of Medical Genetics/ Department of Pediatrics.

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

Dr. Hajianpour has been involved in the field of medical genetics for over 30 years. He came to ETSU from the University of Iowa, Division of Medical Genetics where he was an associate professor, providing clinical genetics and cytogenetics services. He was also the associate director of the Laboratory Genetics and director of cytogenetics fellowship program, which he developed. He previously served as medical genetics consultant to community physicians and hospitals (Children's Hospital of Los Angeles, Huntington, among others) in Southern California. Dr. Hajianpour has established a comprehensive genetics program in East Tennessee since his employment at ETSU. Clinical research and publication are part of the program. Fellowship training in medical genetics and laboratory genetics will be developed, if funded. ETSU Genetics is the follow-up site for the State's Newborn Screening Program. He 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 care providers.
- Develop dedicated ETSU/Genetics websites with online communication and service.
- Add Genetic Counselor/Nurse Practitioners (NPs)/Nurses as services expand (two Licensed Practical Nurses (LPN) & two NPs are added).
- Add Medical/ Biochemical Geneticist with expansion of the program (needs funding).
- Conduct clinical research on patients seen at the ETSU/ Genetics (Completed on Autism).
- Start a clinical database: "Geographical Distribution of Genetic Disorders" for the East Tennessee region with gradual expansion: statewide, nationwide and worldwide.
- Follow State of Tennessee Genetic Advisory Committee guidelines to expand genetic services in East Tennessee in order to qualify for additional funding by the State.

East Tennessee State University Paul Dishner Chair of Excellence in Medicine

Status of the Chair of Excellence

Established in 1989, the primary focus of the *Paul Dishner Chair of Excellence in Medicine* is to enhance research efforts in the Quillen College of Medicine. Dr. Koyamangalath Krishnan, the current chairholder since 2006, is a Professor of Medicine in the Department of Internal Medicine. The Paul Dishner Chair Endowment has had a significant impact on the research activities in the College of Medicine providing opportunities for trainees to gather hands on experience in laboratory research methodology, provide avenues for generating scientific data for regional and national research presentations, and successfully having their work published in peer-reviewed scientific journals.

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 mentoring for trainees in the College of Medicine. The Paul Dishner Chair has helped improve collaboration with the Department of Pediatrics, core molecular biology facility in the Quillen College of Medicine, Gatton College of Pharmacy, and the Department of Biomedical Sciences. The focus of the Chair's laboratory research has been the study of mechanisms of cancer preventive drugs with a focus on the anti-cancer mechanisms of cancer preventive drugs (tocotrienols, statins, metformin and bitter melon). In addition, a collaborative NIH R-15 grant proposal has been submitted with a faculty investigator in the Department of Biomedical Sciences in June 2020. The state of the art image analyzer acquired through endowed funds is open to research community at the College of Medicine further providing support and collaboration for other investigators in the College and University. A Continuing Medical Education (CME) meeting in Oncology is in the planning stages for fall of 2021 which will encompass an overview of the current state of Oncology. Dr. Krishnan is actively involved with oncology patient care at the Johnson City Medical Center. The robust clinical and research program has improved the visibility of the oncology program and has made recruitment into oncology faculty and into the two-year medical oncology fellowship training program competitive. Dr. Krishnan continues to serve on administrative and educational committees in the Department of Internal Medicine and serves as Chief Editor on the editorial board, Hematology section, of Medscape. He has authored, co-authored or been Chief Editor on several hematology topics on Medscape. He serves as an Academic Editor for the journal, PLoS One.

Recommendations to Enhance the Effectiveness of the Program

Continue to expand publicity to include news releases and improve dissemination via dedicated ETSU websites detailing opportunities and activities and through the CME Oncology meeting scheduled for 2021.

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 exception of 2014-15) 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. Mauricio Anton, an internationally acclaimed scientist and paleo artist served as the Basler Chair in spring 2020.

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

Professor Anton presented two public lectures, entitled *Bringing Sabretooths to Life: A Case Study in Paleontological Reconstruction*; and *Reconstructing Neanderthals and Other Fossil Hominids: Dealing with Scientific and Social Aspects of Paleoanthropological Art*. These were followed, as a result of the COVID-19 pandemic, by a virtual lecture, *First-Hand Study of Extant Animals as a Reference for Natural History Reconstructions: From Dissection to Wildlife Observation*. The presentations drew combined audiences of over 300 attendees. He also served as an artist-in-residence at the Gray Fossil Site and Museum and taught two courses in paleoart, *Special Topics in Art – Scientific Illustration in Natural History*; and *Topics in Paleontology – Anatomy for the Paleoartist*. These upper/graduate level courses attracted 14 and 19 students, respectively, across two or more departments. While at ETSU, Professor Anton spent considerable time filming wildlife in the Appalachian region, and he is now working on a documentary about this experience. We are planning to premier this documentary as an additional on-line presentation in fall 2020.

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 could enhance participation.

Middle Tennessee State University, 2019-2020

Chair of Excellence	Date Established	Chairholder
1) John Seigenthaler Chair of Excellence in First Amendment Studies	March 1986	Ms. Deborah Fisher
2) Jennings A. Jones Chair of Excellence in Free Enterprise	March 1986	Mr. Aubrey B. Harwell, Jr.
3) Carl Adams Chair of Excellence in Health Care Services	June 1987	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	Vacant since 2008
10) Joey A. Jacobs Chair of Excellence in Accountancy	June 2013	Vacant since May 2020

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

Status of the Chair of Excellence

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

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/>, increased users from about 6,000 to as many as 10,000 from Spring 2019 to 2020. With more than 1,600 articles, the 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. The chair also began collaborating with the new MTSU Free Speech Center, which maintains the “news” part of the encyclopedia site and provides other resources. Additionally, the chair:

- Hosted a student program with founder of the Asian-American band The Slants, which won a First Amendment battle at the U.S. Supreme Court over the band’s name.
- Continued the annual Pulitzer Prize series with three journalists and winners of the Public Service Award who covered the shooting rampage at Marjory Stoneman Douglas High School.
- Launched a visiting scholar program with former Knoxville News Sentinel Editor Jack McElroy presenting the paper’s “Uncovering the police: Converging trends threaten public accountability of local and state law enforcement across the United States.” to faculty and students.
- Hosted presentations by Wanda Lloyd, on her new book, “Coming Full Circle from Jim Crow to Journalism” and “Women in Politics”.

Recommendations to Enhance the Effectiveness of the Program

- Continue development of the First Amendment Encyclopedia and continue to provide relevant and timely educational resources and First Amendment programming to students. Work in coordination with the new Free Speech Center to maximize impact.
- Identify effective ways to reach and support student learning, especially during a time when COVID-19 restrictions may prevent our traditional in-person programs.

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

The Chair of Excellence, along with Murfreesboro Young Professionals, the Rutherford County Chamber of Commerce, and the Jennings A. Jones Chair of Excellence in Urban and Regional Planning, co-hosted a fall 2019 conference entitled “2019 Leadership Summit” at the MTSU Student Union Building. The emphasis of this conference was on examining the attitudes and behaviors that characterize successful, innovative leaders and entrepreneurs, since entrepreneurship plays an important role in regional economic development. Keynote speakers included Josh Linkner, *New York Times* best-selling author, founder of five tech companies, and a renowned expert on creativity, and Harris III, illusionist, storyteller, and widely known authority on awakening innovation by rekindling a sense of wonder.

Jennings A. Jones College of Business honored Wanda Lyle, Managing Director and General Manager of UBS Nashville, with the Jennings A. Jones Champion of Free Enterprise Award. This award is presented to an individual whose achievements are in keeping with the highest traditions of the American system of free enterprise. Other honorees included: Cindy Harper, CPA/PFS, Shareholder in the tax division of LBMC, PC, recipient of the Jones College Exemplar Award; and Matthew Stump, Senior Mortgage Banker at FirstBank Mortgage, recipient of the Jones College Young Professional of the Year Award.

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 hear the feedback from the Foundation in fall 2020.

Middle Tennessee State University

Carl Adams Chair of Excellence in Health Care Services

Status of the Chair of Excellence

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

Dr. Martha Jo Edwards held the Adams Chair of Excellence in Health Care Services since 1992 and served as a tenured MTSU graduate faculty member until her retirement in December 2015. As Professor Emeriti, she served as the Adams Chair with a post-retirement part time contract, reporting to the Dean of the College of Behavioral and Health Sciences, until December 2019. As the founding Director of the Center for Health and Human Services (CHHS), and under her direction, the CHHS received funding for and managed projects totaling over ten million dollars. The CHHS and the Adams Chair of Excellence in Health Care Services now reports to the Vice Provost for Research.

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

Dr. Edwards continued to serve on many local and statewide committees and boards representing MTSU as the Adams Chair of Excellence in Health Care Services. Through collaborations and partnerships, she initiated, facilitated, and disseminated research and health-related information and provided outreach programs and projects designed to improve Tennessean's health, with a major focus on health workforce issues. She supported the Deans and Directors of Allied Health of Tennessee and published the 2019-2020 Allied Health Directory for the state. She also produced and distributed the Rutherford County Health Watch, and county-based snapshots of the health issues to support county agencies. She served on the Board of Directors for the Tennessee Center for Health Workforce Development and the Rutherford County Primary Care HOPE Clinic and the Tennessee Institute of Public Health. A recent trip to Kuwait afforded the opportunity to assess the impact of a major project with Kuwait University Faculty of Allied Health Sciences after 27 years. An unplanned consequence was that many of the student participants who came to MTSU continued their education, completed PhDs, and returned to join the faculty there.

Recommendations to Enhance the Effectiveness of the Program

The plan is to recapitalize the Adams Chair of Excellence in Health Care Services through a capital campaign in order to recruit a senior research scientist who will bring existing research grant dollars and develop a robust, focused and sustainable research focus that attracts grant dollars in the field of health, such as funding through 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 *National HealthCare (NHC) Chair of Excellence in Nursing* was established to influence and contribute to aspects of nursing education, practice, research, and leadership in the State of Tennessee, particularly in the mid-state area, with regard to caring for the aging and older adult population. Dr. Deborah Lee has served in the role since January 2019. Reinstating the role after a decade long hiatus has been advantageous in moving forward the agenda to support nursing and care of older adults throughout the region and state.

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

The chair has increased visibility of the School of Nursing (SON) and University through activities supporting interdisciplinary, university, and community partnerships. The Positive Aging Consortium (PAC), founded by Dr. Lee, planned its first conference which, due to the pandemic, was postponed until October 2021. The PAC now has a web presence and Facebook page to disseminate information and resources to the wider community. A PAC partnership with the Geriatric Workforce Enhancement Program at Vanderbilt University resulted in MTSU Exercise Science faculty participation in data collection. This year, the PAC will invite participation of community partners and develop a five-year strategic plan.

Dr. Lee was awarded the Experiential Learning (EXL) Faculty/Administrator Award for her leadership with the SON EXL Scholars Program. She serves as secretary to the MTSU Sigma Chapter (International Honor Society of Nursing), Xi Alpha. Dr. Lee is also an instructor in the health coach training program for first year medical students at Meharry Medical College. Through the training, students learn to support patients in making health behavior change using health coaching skills and strategies.

The chair submitted two manuscripts for publication in peer-reviewed journals, submitted two Letters of Intent for grant proposals, and participated in the frailty-focused communication training program through Vanderbilt School of Nursing to support conversations on aging, injury and frailty.

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. Filling two tenure-track faculty positions and resulting decrease in teaching loads will be necessary in order to move forward a research agenda 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. The Russell Chair position will be re-advertised as soon as the Department Chair position is filled permanently in the Engineering Technology Department.

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 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 the last academic year (2019-2020), the Engineering Technology department expanded the fair to two times a year and had 25+ companies participate in each. The department continues its commitment to students and companies by organizing a virtual job fair in fall 2020 due to 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.
- The Russell Chair position should lead and mentor departmental faculty in proposing and obtaining external funding for research.

Middle Tennessee State University

Katherine Davis Murfree Chair of Excellence in Dyslexic Studies

Status of the Chair of Excellence

The *Katherine Davis Murfree Chair of Excellence in Dyslexic Studies* was established in 1988 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 positively impact initiatives outlined for the Chair. He led the efforts of the Center for Dyslexia to provide 14 targeted one- to two-day workshops on the MTSU campus and 13 in-service workshops in the area of dyslexia and reading instruction across the state. He led a fully online one-day Literacy Conference in collaboration with the MTSU Center for Educational Media with 4,500 registered attendees and more than 18,000 views. Videos of past trainings have been curated and placed on the Center's webpage to provide educators with free, on-demand, high-quality training.

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 has been published and shared through presentations at international conferences. He also continues to engage in research service through editorship of the research journal *Annals of Dyslexia*, as well as serving as an editor-at-large for the journal *Perspectives on Language and Literacy*, which focuses on translating emerging trends in research to educators.

Recommendations to Enhance the Effectiveness of the Program

The Chair will continue to lead efforts of the Tennessee Center for Dyslexia to provide services to the state, support development of on-demand training in the area of dyslexia and reading through online training materials and strive to increase and expand the ongoing research efforts associated with the Chair by securing external funding.

Middle Tennessee State University

Mary E. Miller Chair of Excellence in Equine Health

Status of the Chair of Excellence

The purpose of the *Mary E. Miller Chair in Equine Health* is to enhance equine health through research and teaching. The Chairholder funds are used to support the Clinical Specialist in Equine Health. In this role, the Chair extends knowledge to the horse industry through research and teaching and collaborates on equine health studies with veterinarians and equine scientists nationwide. Seminars, professional papers, and periodical articles are used to reach the industry. The Clinical Specialist position was filled in August 2012 by Dr. Holly Spooner.

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

Dr. Spooner continues to be a leader in the field of equine science. She instructs 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 27 completed M.S. students.

Dr. Spooner continues to have high research productivity. She investigates the use of new technologies, including vibration therapy for improving bone density in the equine athlete, as well as its influence on biomechanics. 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 the use of sports psychology techniques by equestrian coaches, an industry-driven project. In Spring 2020, Dr. Spooner's graduate students presented two workshops at the American Youth Horse Council symposium, while Dr. Spooner conducted horse judging webinars for a national audience. She was also a keynote speaker for a University of Tennessee Extension program on equine nutrition for veterinarians.

Dr. Spooner serves on the Board of the Equine Science Society, on the American Quarter Horse Association (AQHA) Equine Research Committee, as President of the TN Pony of the Americas Club, and as a Committee 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 works with Tennessee 4-H and Tennessee Future Farmers of America to provide educational opportunities and horse judging contests. She has just been announced as the winner of the 2020 MTSU Public Service Award for her contributions to the horse industry.

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, and discussion is under way for more studies. Dr. Haffner presented two papers at the Global Equine Endocrinology Symposium in Gut Ising, Germany in January 2020. He also presented a paper remotely at the American College of Veterinary Internal Medicine Annual Forum in June of 2020. He will present a paper at the American Association of Equine Practitioners annual meeting in December 2020. Dr. Haffner oversees all health programs for our equine herd at the Middle Tennessee State University and is a guest lecturer in several animal science courses. He provides veterinary service to university clients who breed mares to the stallions housed at the Horse Science Center. This activity produces income for the program. Due to his relationship with a prominent breeding farm, MTSU acquired a World Champion Tennessee Walking Horse stallion that is being used for breeding and teaching.

Additionally, Dr. Haffner brings an international connection as he travels to Mongolia to teach and conduct research. 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.

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

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

The Chair of Excellence position has been vacant since 2008. Unspent recurring funds have been returned to increase the corpus and enhance the possibility of hiring and maintaining a new Chairholder and providing activities and programs for the Chair. In fall 2019, funds from the chair were used to co-sponsor the fall “Leadership Summit” conference (see description under Jennings A. Jones Chair of Excellence in Free Enterprise). Using the funds for this purpose was considered in keeping with the economic development mission of the chair. In the words of Rutherford County Chamber of Commerce President Paul Latture, “A symbiotic relationship exists between new business development and regional planning. It would be impossible to execute a successful regional plan without taking new business growth into consideration. Putting strategic thought into the size and types of businesses that are established, and encouraging the formation and expansion of new businesses, are the ways a dynamic community flourishes.”

Recommendations to Enhance the Effectiveness of the Program

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 hear the feedback from the Foundation in Fall 2020.

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 provide for national and international presence for MTSU in the field of accounting through support of the University's degree programs in accounting. The chair is to be a person widely recognized for expertise in the field of accounting. In April 2019, the University hired Thomas D. Walker, former managing partner of the Nashville office of Deloitte and an audit partner with that firm for 25 years. He was hired as a non-tenured track Professor of Professional Practice. Unfortunately, Mr. Walker decided to resign from the position unexpectedly in May 2020 for personal reasons. Jones College is currently engaged in a national search for a replacement.

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

After beginning his position in April 2019, Mr. Walker assisted in a number of classroom activities to become familiar with the classroom environment. He also assisted in the development of and teaching of the accounting department's annual alumni Continuing Professional Education (CPE) update in April 2019. Additionally, he established the Business School and the Department of Accounting as a member of the Nashville Healthcare Council. He taught Principles of Accounting I (ACTG 2110) in Fall 2019 and Spring 2020.

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, 2019-2020

Chair of Excellence	Date Established	Chairholder
1) Frist Chair of Excellence in Business	July 1992	Dr. Stephen B. Shanklin
2) Chair of Excellence in Banking and Financial Services	March 1998	Vacant 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 and is currently held by Dr. Stephen B. Shanklin. Dr. Shanklin holds 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 has an active CPA certification in Tennessee and holds the Chartered Global Management Account (CGMA) certification from the American Institute of Certified Public Accountants (AICPA) and Chartered Institutes of Management Accounts (CIMA) in Great Britain.

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

The Frist Chair continually seeks 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 various career paths related to the profession of Accounting. Impactful activities of the Frist Chair during the 2019-2020 academic year include the following:

- Worked collaboratively with the American Accounting Association (AAA) to host the Ph.D. Consortium which impacted 129 Ph.D. candidates from the U.S. and Canada through a diverse and comprehensive training experience.
- Provided sponsorship for a team of MBA students from TSU to participate in the Howard University Invitational MBA Case Competition in Silver Spring, Maryland.
- Provided underwriting support to qualified students in the College's Executive MBA Program.
- Provided scholarship awards for outstanding Accounting students.
- Sponsored the Volunteer Income Tax Assistance (VITA) Program in consort with the United Way of Middle Tennessee and the members of Beta Alpha Psi.
- Supported the TSU Chapter of National Association of Black Accountants (NABA) to send students to participate in the Midwest Regional Conference in St. Louis, MO.

Recommendations to Enhance the Effectiveness of the Program

Additional future funding for the Chair is needed to fully meet the needs of more students within the College of Business.

Tennessee State University

Chair of Excellence in Banking and Financial Services

Status of the Chair of Excellence

The *Chair of Excellence in Banking and Financial Services*, established in 1998, is designed to serve as a catalyst for enhancing the College's research as well as curriculum development in the area of banking and financial services. The chairholder was first filled by Dr. Jerry Crigger from August 2012 to May 2014 and then by Dr. LaVaughn Henry during fall 2018. As a distinguished practitioner with strong academic qualifications, Dr. Henry was identified to hold the Chair as an interim, part-time Executive-in-Residence. He is an Analyst in the Banking and Regulatory Policy Section at the FDIC and former Vice President and Senior Regional Officer for the Cincinnati Branch Office of the Federal Reserve Bank of Cleveland. Dr. Henry left the position of Interim Chairholder at the end of the fall 2018 semester. The Chair was vacant during spring 2019. A search for a new Chairholder will be conducted during the 2020-21 academic year.

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

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

Recommendations to Enhance the Effectiveness of the Program

The Chair is currently funded from a state faculty position with interest earnings from the Endowment being used to elevate the salary to an appropriate compensation level. This approach has necessitated using a departmental tenure track position budget line. Additional funding for the Chair is needed so that the faculty line can be released for other departmental teaching and research needs. In order to make this position most productive and effective with regard to outreach activities, we have reduced the teaching load of the Chairholder. With the same goal and objective, we lately redefined the qualifications of the potential candidates to include non-Ph.D. degree holders with extensive executive level industry experience and reclassified the position as a nine-month, year-to-year renewable contract.

Tennessee Technological University, 2019-2020

Chair of Excellence	Date Established	Chairholder
1) William E. Mayberry Chair of Excellence in Business Administration	Feb 1990	Dr. Curt W. Reimann
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. Chair participants also collaborate with other COB and TTU units to promote use of modern performance-management practices in TTU and regional programs. Established in 1990, Dr. Curt Reimann is the most recent Chairholder.

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

- Mr. Gary Floss, adjunct faculty at University of St. Thomas, delivered the Fall 2019 Mayberry Lecture on “Experiential and Lifelong Learning for Performance Excellence,”.
- At the time of this report, Dr Reimann has developed a Discussion Draft on the integration of experiential learning in business education. The completed version will be published in the Mayberry Newsletter.
- The Mayberry Professor and Associate Dean, Dr. Ramachandran Natarajan, in 2019-2020, presented a paper and served as a session chair at the annual conference of the Indian Subcontinent Region of Decision Sciences Institute (ISDSI). He participated in the International Week at the Indian Institute of Management at Tiruchirappalli, India teaching a course on “Managing Innovations”. He co-authored the paper “Profit Based Credit Models with Risk Averse Lending” that was presented virtually at the National SAM conference in March 2020. He serves on the board of ISDSI, and on the local boards of ASCM, the Association for Supply Chain Management and the Tennessee Rehabilitation Services (TRC).
- In 2019-2020, the Mayberry Graduate Assistant completed projects relating to accreditation and continuous improvements in the College.

Recommendations to Enhance the Effectiveness of the Program

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

Tennessee Technological University

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

Status of the Chair of Excellence

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

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

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

Selected Publications (2019-20):

- 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.
- Guimaraes, T., Paranjape, K., and Walton, M., "An Expanded Model of Success Factors for NPD Performance" *International Journal of Innovation and Technology Management*, Vol.16 Issue 07 (2019), pp.1-29.
- Guimaraes, T., Paranjape, K., "Competition Intensity as Moderator for NPD Success", *International Journal of Innovation Science* Vol. 11 Issue. 4, (2019), pp. 618 – 647.

Presentations (2019-20):

- Guimaraes, T., and Bell, R., "Improving Business Innovation in Practice and Business Curriculum", panel discussion for Society for Advancement of Management International Business Conference (SAMIBC), March 2020, Nashville/Cookeville Tennessee.
- Guimaraes, T., Paranjape, K., and Timmerman, T., "Looking at the User Side of Software Engineering for Project Success", paper presentation for Society for Advancement of Management International Business Conference (SAMIBC), March 2020, Nashville/Cookeville Tennessee.

Recommendations to Enhance the Effectiveness of the Program

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

University of Memphis, 2019-2020

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 International Business	Dec 1996	Vacant since 2005
11) Sales and Marketing Executives Inc. Chair of Excellence in Sales	June 1986	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	Vacant since 2019

Chair of Excellence	Date Established	Chairholder
17) Federal Express Chair of Excellence in Management Information Systems	June 1989	Dr. Huigang Liang
18) Dorothy Kayser Hohenberg Chair of Excellence	June 1988	Dr. Ellen Daugherty
19) Helen and Jabie Hardin Chair of Excellence in Economics/Managerial Journalism	June 1995	Mr. Otis Sanford
20) Lillian and Morrie Moss Chair of Excellence in Urban Education	March 1991	Dr. Beverly Cross
21) Herbert Herff Chair of Excellence Biomedical Engineering (I)	June 1987	Vacant since 2017
22) Herbert Herff Chair of Excellence Biomedical Engineering (II)	March 1987	Dr. Gary Bowlin
23) Herbert Herff Chair of Excellence in Law	Sept 1984	Mr. Andrew J. McClurg
24) William A. and Ruth F. Loewenberg Chair of Excellence in Nursing	June 1988	Vacant since 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 Chairholder.

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

Summary of Publications: 3

- Dr. Bar published two journal articles and one book.

Presentations: 6

- Dr. Bar gave two presentations at academic conferences and delivered four lectures for the community.

Recommendations to Enhance the Effectiveness of the Program

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

University of Memphis

W. Harry Feinstone Chair of Excellence in Molecular Biology

Status of the Chair of Excellence

Established in 1984, the *W. Harry Feinstone Chair of Excellence in Molecular Biology* was the first of Chair of Excellence at the 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: 5

- Dr. Sutter had two publications in print, one in press, and two meeting proceedings. He was also cited more than 200 times in 2019 and his h-index increased to 51.

Presentations: 9

- Dr. Sutter delivered nine presentations, several of which were invited lectures at international meetings. He also served as session chair and discussant leader in two additional international meetings.

External Grants and Contracts: 1

- Dr. Sutter completed year three and was awarded year four of a \$1.6M five-year National Institutes of Health (NIH) R01 award. He received the university's first NIH R56 award for high priority research.

Service Contributions (professional, university, and community):

- Dr. Sutter's laboratory supported an international graduate student in his lab.
- Dr. Sutter serves on three editorial boards.
- Dr. Sutter served on six university/departmental committees.

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: 10

Presentations: 7

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)
- Completed: "Probabilistic and Extremal Combinatorics" (DMS-1600742), National Science Foundation, w. P. Balister (Amount: \$405,000; Dates: 09/01/2016-8/31/2019)

Service Contributions (professional, university, and community):

- Dr. Bollobas served as General Editor of eight academic journals and Editor-in-Chief for one journal.
- Dr. Bollobas served as organizer of the Institute of Combinatorics.
- Dr. Bollobas 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.
- Dr. Bollobas had three PhD students graduate.
- Dr. Bollobas 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: 9

- One publication introduced a new technology to monitor people's daily oral health (brushing and flossing) behaviors automatically using wearable sensors. A second publication presented a new approach to detect from GPS and activity sensors when newly abstinent smokers are in a vulnerable environment. A third publication introduced a new statistical method for designing micro-randomized trial when using sensor data to trigger a mobile intervention for improving health and wellness. The fourth publication envisioned a new approach to study personality in the context of assessing work performance using wearable sensors. A fifth publication appeared in 2019-20 that was accepted in early 2019. This publication presented a new study design to detect cocaine use from wrist-worn smartwatches.
- Dr. Kumar's works have an average citation of 100 or more per article.

Presentations: 4

- Dr. Kumar delivered four presentations. This included a keynote speech and a panel at an international workshop, a presentation and panel at the National Institutes of Health (NIH), a presentation and brainstorming at Canadian Institute for Advanced Research (CIFAR) for US-Canada joint research program, and a presentation at 3M Corporation at their Minneapolis headquarters.

External Grants and Contracts (expenditures and new awards): 12

- Major grants in which Dr. Kumar was the lead Principal Investigator (PI) totaled \$22.45 million.

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

- Dr. Kumar mentors 10 doctoral students and supervises 10 staff at the MD2K Center of Excellence that he directs.
- Dr. Kumar chaired the faculty search committee in the Computer Science department.
- Dr. Kumar serves as an Associate Editor for an academic journal.

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: 49

- Dr. Gallagher published 24 journal articles, 2 books, 21 book chapters, and 2 book prefaces

Main Presentations: 33

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

Service Contributions (professional, university, and community):

- Dr. Gallagher served as Editor-in-Chief for an academic journal.
- Dr. Gallagher served 10 on scientific/advisory boards.
- Dr. Gallagher served on the American Philosophical Association's Eastern Division program committee; external reviewer for the Leverhulme Trust (2019), and the European Research Council (2019).
- Dr. Gallagher served on a department search committee and chair of the department Tenure and Promotion Committee.

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: 15

- Dr. Beck has five empirical articles in-press and a book chapter on addressing posttraumatic stress disorder using group treatment. She also had nine empirical articles and a book chapter published.

Presentations: 11

- Dr. Beck delivered 11 presentations and consistently included both graduate and undergraduate students in her presentations and scholarly work.

Grants and Contracts (expenditures and new awards): 1

- Since joining the faculty at the University of Memphis, Dr. Beck has led the Athena Project, a research clinic for women with mental health needs in the aftermath of intimate partner violence (domestic abuse) that provides services to women in the greater Memphis community. The Athena Project provides a rich database for ongoing research and integrates research, service, and training for doctoral students in psychology. As well, Dr. Beck was awarded a subcontract with the City of Memphis, as part of a \$4M grant designed to improve services for rape victims.

Service Contributions

- Dr. Beck participated in national, regional, and local professional organizations as well as participated in decision-making processes on campus.
- Dr. Beck serves on five editorial boards, performed guest reviews for two additional journals, and did grant reviews for the American Psychological Foundation, American Psychological Association, and European Research Council.
- Dr. Beck served as an external reviewer for tenure and promotion at the University of North Carolina at Greensboro and Boston University School of Medicine.

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: 14

- Dr. Oller published 11 journal articles and three books.

Main Presentations: 18

- Dr. Oller delivered four invited presentations and 12 peer-reviewed conference presentations.

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

- Dr. Oller's grant had 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.

Selected 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
- University
 - Member of University Research Council
 - Member of Institute for Intelligent Systems Steering Committee
 - 2019 Chair of Faculty Hearing Panel investigating possible research misconduct by a Chair of Excellence
- 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: 4

- Dr. Kemme published two journal articles, one book chapter, and one special report.
- Dr. Kemme has published three A journals in the last three years, and he has several promising papers in the pipeline.

Presentations: 5

Service Contributions (professional, university, and community):

- Dr. Kemme is one of the most active dissertation advisors in the department. He is chairing one committee in economics and severing 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.
- Faculty Trustee, University of Memphis Board of Trustees
 - Chair of Academics, Research and Student Success Committee
 - Member of Budget and Finance Committee.

Recommendations to Enhance the Effectiveness of the Program

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

University of Memphis

Robert Wang Chair of Excellence in International Business

Status of the Chair of Excellence

The *Robert Wang Chair of Excellence in International Business* was established in 1987. Dr. Benwari L. Kedia, professor of management, is the founding Chairholder and has served for 30 years as Director of the Wang Center for International Business at the University of Memphis. Dr. Kedia retired from the University of Memphis in February 2019. The university will begin the search process for this position.

University of Memphis

Sparks Family Chair of Excellence in International Business

Status of the Chair of Excellence

The *Sparks Family Chair of Excellence in International Business* was created in 1996 and has been vacant since 2005. The University's Chief Development Officer has been in contact with the donor who established the Sparks Family Chair of Excellence in International Business to seek her input and approval to revise and broaden the criteria for the Chair, which should provide a more comprehensive pool of applicants for the position and better meet the needs of the Fogelman College of Business and Economics. This Chair of Excellence was changed to the *Sparks Family Chair of Excellence in Global Research Leadership* and approved by the University Board of Trustees at the June 2019 meeting. The university will begin the search process for this position.

University of Memphis

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

Status of the Chair of Excellence

Established in 1986, the *Sales and Marketing Executives, Inc., Chair of Excellence in Sales* is currently Rajiv Grover.

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

Dr. Grover's intellectual contributions have been in the development of online pedagogy and content such that teaching, and learning can be synergistically executed for effectiveness and efficiency. His goal is to help people. He believes a practically useful education is necessary for a flourishing society.

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

Selected Summary of Publications: 4

- Lin, S., Liu, R., C. Wang, CFO Promotion-Based Incentives and Earnings Management, forthcoming in *China Accounting and Finance Review*
- Liu, Z. and Lin, S. (2019), Determinants and consequences of voluntary auditor changes in Hong Kong, *Journal of Contemporary Accounting and Economics*, 15 (3), 125-158
- Kim, J.H. and Lin, S. (2019), Accrual anomaly and mandatory adoption of IFRS: evidence from Germany, *Advances in Accounting*, 24, November, article 100445
<https://www.sciencedirect.com/science/article/abs/pii/S0882611019301129>

Main Presentations: 1

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

- Dr. Lin served as Senior Editor of an academic journal
- Dr. Lin served as co-organizer for an academic conference
- Dr. Lin organized 9 workshops for the School of Accountancy
- Dr. Lin developed a new PhD program in Business Administration with a concentration in Accounting
- Dr. Lin successfully recruited four doctoral students including one minority student for the 2020 cohort of the PhD in Business Administration with a concentration in Accounting.
- Other Selected Service Included:
 - Tenure and Promotion Committee
 - Chair of the Nominations Committee of the International Accounting Section of American Accounting Association

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 14 journal articles and three books

Presentations: 18

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

- Dr. Rezaee was the 2019 recipient of a \$2500 research grant from Public Safety Institute (PSI) Center for Workplace Diversity and Inclusion (CWDI)

Service Contributions (professional, university, and community)

- Dr. Rezaee serves as the PhD Coordinator of the School of Accountancy
- Dr. Rezaee serves as chair of the Business and Finance Committee of the Faculty Senate
- Dr. Rezaee served the larger professional community through his service on the editorial boards of 10 accounting and business journals, the Editor-in-Chief, *International Journal of Economics and Statistics*, 2015-2020; Guest Editor, *Sustainability Journal*, and the *Journal of Sustainability Research*, 2018-2020; Editor of the *Journal of Forensic Accounting Research*, one of the seventeen journals of the American Accounting Association (AAA), 2019-2023.
- Dr. Rezaee serves on the Honorary Advisory Panel of the Financial Reporting Council in Hong Kong

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

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

Summary of Publications: 7 publications

- Dr. Sunderman's publications all appeared in top journals. Four of Dr. Sunderman's publications appeared in A+ journals and three appeared in A journals.

Main Presentations: 1

- Dr. Sunderman had several other presentations scheduled at both academic and professional conferences (including an international conference) canceled due to COVID-19.

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

- One of Dr. Sunderman's PhD 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).
- Dr. Sunderman obtained \$18,000 of scholarship funds from the Chapter of *Lambda Alpha International* to support students.

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

- Dr. Sunderman served in leadership roles for several professional organizations including the positions of Chairperson, Board of Directors, and Editorial Board Member.
- The Real Estate Program that Dr. Sunderman's directs was recognized as the Best Online Bachelor's in Real Estate by Best Colleges.
- Dr. Sunderman also served the academic department through the following roles:
 - Director of the Professional Real Estate Certificate program / Online BBA in Finance with a Concentration in Real Estate program
 - Chair of the Fogelman College's Online Standards Committee Chairman of the FIR Department Scholarship Committee FCBE Informational Technology Committee

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, 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: 2

- Dr. McInish published two new A+ articles bringing his total to more than 120 papers.
- Dr. McInish was recognized by the 2019 Alumni Association Award for his extremely high levels of research productivity.

Presentations:

- Dr. McInish's has presented his work at more than 200 national and international venues, including presentations at The University of Sydney (eleven times), the Indian School of Business, the University of Wollongong (Australia), Nanyang Technological University (Singapore, six times), Singapore Management University, the National Bureau of Economic Research (thrice), and the Federal Reserve Bank of St. Louis.

External Grants and Contracts (expenditures and new awards): None

- Dr. McInish has supported departmental efforts to create cross-disciplinary Financial Infrastructure Stability and Cyber-security (FISC) center which can help faculty from many departments apply for grants. He has very strong potential for routing external support through the University form alums, finance companies, Fed, and Australian universities who have recognized him as an expert visiting scholar.

Service Contributions (professional, university, and community):

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

University of Memphis

Federal Express Chair of Excellence in Management Information Systems

Status of the Chair of Excellence

The *Federal Express Chair of Excellence in Management Information Systems* was established in 1989. Dr. William J. Kettinger, of the Department of Business Information and Technology, retired from the University of Memphis in August 2018. The department conducted an extensive search and has selected Dr. Huigang Liang as the new Chairholder. Dr. Liang's employment began August 2019.

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

Summary of Publications: 11

Presentations: 3

Service Contributions (professional, university, and community):

- Associate Editor, Information Systems Research
- Senior Editor, Journal of the Association for Information Systems
- Associate Editor, Information & Management
- Associate Editor, IT implementation, adoption, and use of digital technologies, ICIS 2020, India.
- Mentor, Journal of the Association for Information Sciences (JAIS) Theory Development Workshop, ICIS 2019, Munich, Germany
- Associate Editor, Human behavior and IT, ICIS 2019, Munich, Germany.
- Ad hoc reviewer for MISQ, Journal of MIS, Decision Sciences, European Conference on Information Systems 2020.
- PhD thesis external examiner, National University of Singapore, 2020.
- PhD thesis external examiner, City University of Hong Kong, 2019.
- Grant reviewer, Research Grants Council of Hong Kong, 2019.
- Grant reviewer, Natural National Science Foundation of China, 2019.
- AACSB capstone course project external reviewer, Baker College, 2019.
 - Target journal list committee, Chair, BIT, University of Memphis
 - PhD coordinator, BIT, University of Memphis
 - College Research Council, FCBE, University of Memphis

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 Chairholder for 2019-20 was Dr. Ellen Daugherty, professor of art history. The Chair is a rotating position with a new Chairholder each year. Dr. Daugherty holds a PhD in Art History from the University of Virginia. Dr. Daugherty's research has long been focused on issues of the representation of African Americans in public monuments.

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

Summary of Publications: 1

Presentations: 1

Service Contributions (professional, university, and community):

Presentations: 1

External Grants and Contracts (expenditures and new awards):

Service Contributions (professional, university, and community):

Dr. Ellen Daugherty was the Dorothy Kayser Hohenberg Chair of Excellence in Art History for the academic year 2019-2020 and her role as a visiting professor was to conduct her research and to teach one course per semester. Dr. Hohenberg's comments in her evaluation cited her impact on student's understanding of the relevancy of Art History to their daily lives. The example below illuminates, from a student's perspective, the effectiveness of her teaching and communication style:

"Dr. Daugherty is one of the best art history professors at the U of M. I thoroughly enjoyed her class and learned a lot. She was easy to approach with questions, and I liked her format for tests. She was very excited to teach us, which helped keep the class interesting and exciting."

Her scholarly impact on her campus coincided, and timely at a national level, with the publication of her article last fall of 2019, "The Rise and Fall of a Racist Monument: The Good Darcy, National Geographic Magazine, and civil rights activism," published in the Nineteenth-Century Contexts magazine special issue Vol. 41. Ellen was very generous with her time with her colleagues and departmental chair. She provided helpful insight regarding activities and planning in the department. Her department chair describes her as "a pleasure to work with and a wonderful colleague."

Recommendations to Enhance the Effectiveness of the Program

The Hohenberg Chair is typically an annual rotating appointment bringing in established scholars to teach and continue their research on our campus.

University of Memphis

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

Status of the Chair of Excellence

The *Helen and Jabie Hardin Chair of Excellence in Economics/Managerial Journalism* was established in 1995 through an endowment from Helen and Jabie Hardin to emphasize instruction in newsroom and media management within the Department of Journalism and Strategic Media. Professor Otis Sanford, the current Chairholder 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

Dr. Sanford's publications involve work in the print and broadcast media. He is a political columnist for *The Daily Memphian*, an online news site that began operations in September 2018. He provides a weekly column to the site on local, state, and national politics, social and criminal justice issues and the intersection of race, politics, and society. The columns include his perspectives on the local, state, and national response to the coronavirus pandemic, systemic racism and policing in America and the toxic political divide in the country. In addition, he provides daily television commentary on politics and public policy for WATN-TV Channel 24, the ABC affiliate station in Memphis. He is a co-host for the station's weekly public affairs program, *Local 24 This Week*. He provides weekly political analysis for WKNO-FM, the National Public Radio station in Memphis.

He serves as president-elect for the Memphis Rotary Club and a board member of a local nonprofit, *Her Faith Ministries*, which provides a range of services to homeless and needy women and children in Memphis and Shelby County. He serves as faculty advisor for the student chapter of the National Association of Blacks Journalists, advisory board member for the student newspaper, and a member of two faculty search committees. He is also serving on the university's communications working group, helping to develop public responses to the coronavirus pandemic.

Recommendations to Enhance the Effectiveness of the Program

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

University of Memphis

Lillian and Morrie Moss Chair of Excellence in Urban Education

Status of the Chair of Excellence

The *Lillian and 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 five additional grants:
 - Launched the Federal Housing and Urban Development (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 Council for Research and Education Policy (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

Summary of Publications: 14

- Dr. Bowlin's work was cited 1,252 times during the 2019/2020 academic year. This brings his total citations to 11,135 and a H-index of 47.

Presentations: 9

- Several additional planned invited talks were canceled due to COVID-19

External Grants and Contracts (expenditures and new awards):

- Total Federal Expenditures AY 19/20: \$290,540
- Total State Expenditures AY 19/20: \$42,260
- Total Expenditures: \$332,800

Service Contributions (professional, university, and community):

- Dr. Bowlin served in several professional, university, and community capacities across nine organizations. Examples of his service include:
 - Inaugural President International Society for Biomedical Polymers and Polymeric Biomaterials
 - Chair, Chemical Hygiene Committee
 - International Society for Applied Cardiovascular Biology - Secretary/Treasurer

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, is the current Chairholder.

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

Summary of Publications: 2

- Professor McClurg signed a contract with West Academic Publishing to author a fourth edition of his law school prep book: *1L of a Ride: A Well-Traveled Professor's Roadmap to Success in the First Year of Law School*. It will be completed and submitted to the publisher in January 2021.
- Downloads of Professor McClurg's scholarly articles on the Social Science Research Network place him in the top 10 percent of scholars worldwide across an array of disciplines. In 2019–2020, his scholarship was once again cited in leading U.S. legal treatises in tort law and products liability law and in top-ranked law reviews.

Presentations

- The pandemic interrupted presentation plans.

External Grants and Contracts (expenditures and new awards):

- In 2019, Professor McClurg worked with law school Development Director Archie Shelton to formalize the "McClurg Best Note Awards" for the Law Review

Main Service Contributions

- Faculty Advisor to *The University of Memphis Law Review*
- Law school's Admissions Committee

Recommendations to Enhance the Effectiveness of the Program

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

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

Status of the Chair of Excellence

The *William A. and Ruth F. Loewenberg Chair in Nursing* was endowed in 1988. Dr. Marcy Purnell, the past chairholder left the University in July 2019. The University conducted a search and made an offer, but the candidate did not accept the offer. We will search again this year.

University of Tennessee Chattanooga, 2019-2020

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

- Principal Investigator (PI) on a National Institute of Health (NIH) grant for infectious disease modeling, \$340,000.
- Co-PI on a math REU grant from the National Science Foundation (NSF), \$282,659.
- Co-PI on a computational math grant from NSF, \$125,000.

Publications (2019-20): 8

Presentations (2019-20)

- Two invited seminar/colloquium presentations at other universities
- Two invited presentations at national conferences

Graduate Students Supported (2019-20): 4

- Chayu Yang, Conrad Ratchford, Joshua Nowlin, Maame Korsah

Faculty Mentoring or Other Active Collaborations:

- Dr. Wang's student, Chayu Yang, graduated in Summer 2020 with a PhD degree
- Extensive interdisciplinary collaboration with UTC faculty from mathematics, statistics, biology, computer science, engineering, and the SimCenter
- Active research collaborations with Johns Hopkins, UVA, UTK, NC State, RPI, Texas Tech, Washington State, Old Dominion, as well as several international institutions

Other Evidence of Impact on the Institution:

- Served on six department and university committees during 2019–2020
- Served as an internal grant reviewer for UTC Office of Research and Sponsored Programs
- Served as a grant reviewer/panelist for several national funding agencies, NIH in particular
- Strongly supported the development of the new concentration (Computational and Applied Mathematics) within the Computational Science PhD at UTC

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Chattanooga

SunTrust Bank Chair of Excellence in Humanities

Status of the Chair of Excellence

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

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

Scholarly Publications:

- Book chapter: "Sedulius' Peter: Intention and Authority in the *Paschale Carmen*," pp. 188-99 in *The Early Reception and Appropriation of the Apostle Peter (60-800)*, (Leiden: E.J. Brill, 2020).
- Entries (7) on Latin hymns and hymnwriters in *Lutheran Service Book: Companion to the Hymnal* (St. Louis: Concordia Publishing House, 2019), vol. 1, 39-40; 148-9; 152-3; 192-3; 1363-4; 1515-7; and vol. 2, 656-7 (co-author).
- Book review: *Cicero in der Frühen Neuzeit* in *Gnomon* 92 (2020): 177-80.

Scholarly Presentations:

- "Rhyming Rome: Luther's In Clementem Papam VII." Presented at the annual meeting of the Society for Classical Studies, Washington D.C., 2020.
- "Luther in Rome/Rome in Luther." Presented at the annual meeting of the Sixteenth Century Society Conference, St. Louis, 2019.

Teaching and Advising:

- Taught courses in Classics, supervised Senior Capstone Seminars, and advised Humanities: International Studies majors, 2019-20.

Selected Service in the University and Beyond:

- Discussion leader of "Antigone," for Take Five, reading group sponsored by Department of English, 2020
- Served on or chaired committees (4) at department, college, and university level, 2019-20
- Served as member of Concordia Historical Institute Award Committee, 2019-20

Recommendations to Enhance the Effectiveness of the Program

- Teach classes in the Classics and the Honors Program
- Advise majors in the Humanities Program
- Serve on UTC committees and provide professional services outside of UTC as appropriate
- Prepare book manuscript on Luther and Rome for publication in 2021 (under contract)
- Begin research on next book project on Martin Luther's Latin poetry with help of undergraduate research assistant

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 HealthySole®, LiteCure LLC, Glotran Inc., Tennessee Physical Therapy Association, and private donations.

Publications (2019-20): 11 (One book as co-author, six publications in refereed journals, four book chapters).

Presentations (2019-20): seven scholarly presentations given at three professional meetings.

Graduate Students Mentored (2019-20): Thirteen doctoral students (DPT and OTD), one medical resident, one PhD student, two veterinary residents, and numerous UG students.

Faculty Mentoring or Other Active Collaborations:

- Regularly assist partnering medical facilities and UTC/UTK/UTCUM faculty and students in multiple departments in research and publications including Occupational Therapy, Biology, UT College of Medicine, and UT College of Veterinary Medicine; Co-director of the UTC Clinical Infectious Disease Control Research Unit.
- Chair of the Scientific Committee for the 11th International Symposium on Rehabilitation and Physical Therapy in Veterinary Medicine, Aug 2021, Cambridge University, Cambridge England, manuscript reviewer or editor for 11 journals
- Served on five UTC Committees, including the Honors College Advisory Board and as Chair of the RTR Committee for two departments. Chaired multiple faculty searches in 2019-2020. Performed COVID-19 Contact Tracing, 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 UT Knoxville, UC Davis, Midwestern University, Auburn University, University of Central Lancashire, and the University of Vienna.
- Begin term as a member of the Council of Catherine Worthingham Fellows Steering Committee, American Physical Therapy Association

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:

- Volkswagen – talks in progress with Volkswagen (VW) to implement courses that address workforce development for electric cars. Also, working with VW along with Chattanooga State Community College for transfer of credits and consistency in learning objectives.
- DENSO – We were able to secure a donation of an industrial robot (valued at \$50K) from DENSO Automotive to help train our students in industrial robotics. The robot has been delivered. DENSO personnel will be installing the robot in September 2020.
- We continue our efforts to streamline the graduate and undergraduate curriculum. Admission, and advising changes were implemented in all degree programs offered by the department. College advisors indicate that it has impacted enrollment and retention. We are implementing an Accelerated Graduate program to help undergraduate students easily transition to graduate programs.
- Served as a member on the Chattanooga City Mayor's Office of Workforce training. We proposed and designed a UTC-based week-long training course to help workers with the transition into a highly professional and technical environment. This course is now fully developed and will be offered for the first time in September 2020.
- Served as faculty mentor to three design teams at the local Chattanooga Girls Leadership Academy.
- Arranged a visit to many manufacturing sites in Germany with eight students from various engineering disciplines. The trip was cancelled due to COVID-19 related issues including the cancellation of international flights.

Research and Publications: The department faculty and the Chairholder authored grants proposals totaling more than \$1.2M. Two proposals totaling \$230K were funded.

Recommendations to Enhance the Effectiveness of the Program

- Continue to expand the role of UTC on the workforce development in Hamilton County area through collaborative projects with local industries.
- Continue to expand UTC's automation laboratory facilities to position UTC as a major hub for workforce development.
- Initiate efforts to improve the Engineering and Construction Management online degree programs. We plan to assign our newly hired faculty in Construction Management as a liaison between UTC and the construction industry.

University of Tennessee Chattanooga Chair of Excellence in Judaic Studies

Status of the Chair of Excellence

Effective August 1990, Dr. Irven M. Resnick became the Chairholder in *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 (2019-2020): Four refereed articles and one co-translated volume, *Albert the Great, On Resurrection*, trans. Irven M. Resnick and Franklin Harkins. *Fathers of the Church, Mediaeval Continuation 20* (Washington DC: Catholic University of America Press, 2020). ISBN 9780813233079. In press, for release September 2020.

Presentations (2019-2020):

- Invited Presenter, "Thirteenth-Century Parisian Christian Scholars on Circumcision, the Old Law, and Jews," *Thinking with and Against Jews. Christian Understandings of the Old Law, 1100-1500*, Queen Mary, University of London, November 6-8, 2019.
- A presentation planned for the International Mediaeval Congress (Leeds, UK) for July 2020 has been postponed to 2021 because of travel restrictions resulting from COVID-19.
- An invited presentation to the Society for Biblical Literature in November 2020 will be presented via zoom.

Other Evidence of Impact on the Institution:

- Continued a fifth term as a senior associate at Oxford (University) Centre for Hebrew and Jewish Studies. Continued collaboration with I-CORE: at Ben-Gurion University of the Negev (Israel; 2012-); Associate, the University of California Mediterranean Studies Multi-Campus Research Project and the University of Colorado; serve on the University of the South's planning committee for its annual Medieval Colloquium Mediterranean Studies Group (2014-)
- Founding President of the International Albertus Magnus Society; UTC Study Abroad Liaison to Haifa University
- Consultant and Manuscript Reviewer for four academic publishers and ten journals
- Grant reviewer for the National Endowment for the Humanities and the Swiss National Science Foundation.

Recommendations to Enhance the Effectiveness of the Program

Goals (2020-2021):

- Completion of *Albertus Magnus and the Science 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 (2019-2020): 4 (two examples listed)

- Kickul, J., & Lyons, T.S. (2020). *Understanding Social Entrepreneurship: The Relentless Pursuit of Mission in an Ever-Changing World*, 3rd Ed (updated: two new chapters). NY: Routledge.
- Lyons, T.S., Lyons, J.S., & Jolley, G.J. (2020). Entrepreneurial skill-building in rural ecosystems: A framework for applying the Readiness Inventory for Successful Entrepreneurship (RISE). *Journal of Entrepreneurship and Public Policy*, 9 (1), 112-136.

Presentations (2019-2020): 3 (two examples listed)

- Lyons, T.S., & Samson, J. Presentation at 2020 United States Association for Small Business and Entrepreneurship Conference, New Orleans, LA, "Can Defining and Assessing Entrepreneurship Skills Facilitate Effective Entrepreneur Development?" January 3-7, 2020.
- Lyons, T.S. Invited workshop for counselors in the Kentucky Small Business Development Centers Network. Lexington, KY, "Building a Skills-based Entrepreneurship Coaching Team." Dec 3, 2019.

Selected Other Evidence of Impact on the Institution:

- Continued as Co-Editor of the *Entrepreneurship Research Journal*
- Continued research on the definition, measurement and development of entrepreneurship skills with colleagues from the University of Kentucky, Knecht Strategies, and elsewhere

Recommendations to Enhance the Effectiveness of the Program

- Pursue cross-disciplinary collaboration for research at UTC and financial support for Center for Innovation and Entrepreneurship (CIE)
- Continue to build strong relationships with community stakeholders in Chattanooga
- Work with CIE Director to create and implement programming for new facility in the Mapp building and at UTC-Downtown in the Edney Center for Innovation
- Complete Lyons, T.S., & Lyons, J.S. *Entrepreneurship Skill Building: Focusing Entrepreneurship Education on Skills Assessment and Development*.

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

Status of the Chair of Excellence

Dr. David B. Sachsman (PhD Communication, Stanford University) has served as the Chairholder of the *George R. West, Jr. Chair of Excellence in Communication and Public Affairs* since 1991. He is the founding Director and organizer of the Symposium on the 19th Century Press, the Civil War, and Free Expression, hosting its 26th annual meeting last fall.

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

Active Grants and Other Sources of Funding:

- The Walter and Leona Schmitt Family Foundation gave the University of Chattanooga (UC) Foundation its tenth annual donation (\$4,000) to permanently support endowing a research fund to provide financial support for the West Chair's Symposium.
- Environmental Communication and Training. LLC gave the UC Foundation \$2,000 in support of the West Chair's efforts on behalf of the *Applied Environmental Education and Communication* international journal.

Publications (2019-2020):

- Sachsman, D. B. & Valenti, J.M. (editors). *Routledge Handbook of Environmental Journalism*. New York and London: Routledge, 2020.
- Review of Marketing the Blue and Gray: Newspaper Advertising and the American Civil War by Lawrence A. Kreiser, Jr. for *The American Historical Review*, Vol. 125, No. 1 (February 2020), 234.

Presentations (2019-2020): Presentation of "The 19th Century Press and American Popular Culture" at the Symposium on the 19th Century Press, the Civil War, and Free Expression, November 8, 2019.

Other Evidence of Impact on the Institution:

- Hosted a Symposium in November 2019 that included 37 speakers from across the nation and overseas delivering refereed and invited papers and presentations.
- Managing editor of the quarterly, peer-reviewed *Applied Environmental Education and Communication: An International Journal*, which is published by Taylor & Francis.
- Member of the editorial board of *Mass Communication and Society*, Taylor & Francis.

Recommendations to Enhance the Effectiveness of the Program

- Plan the 28th annual Symposium on the 19th Century Press, the Civil War, and Free Expression, which will be held in November 2020 via ZOOM.
- "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*, in contract with Routledge.
- Work on a new book project on *The Civil War Soldier and the Press*.

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 (2019-20). 3 Scholarly Books.

- Mendenhall, M.E., Zilinskaite, M., Stahl, G.K., & Clapp-Smith, R (Eds.). 2020. *Responsible Global Leadership: Dilemmas, Paradoxes, and Opportunities*. London: Routledge.
- Osland, J.S., B.S. Reiche, B., Szkudlarek, B., & Mendenhall, M.E. (eds). 2020. *Advances in Global Leadership (Volume 12)*. Bingley, UK: Emerald.
- Osland, J. S., Mendenhall, M.E., & Li, M. (Eds.), 2019. *Advances in Global Leadership (vol. 11)*. Bingley: Emerald Group Publishing Limited.

Journal Articles and Scholarly Book Chapters: 9

- In 2019-2020, Dr. Mendenhall's work appeared in a variety of publications, including: *Oxford Bibliographies in Management, The SAGE Handbook of Contemporary Cross-Cultural Management, and Advances in Global Leadership*.
- On July 26, 2020 *ResearchGate* announced Dr. Mendenhall's research contributions were reported as "the most read" compared to all other faculty at UT Chattanooga.

Selected Other evidence of impact:

- Advisory committee member of Chattanooga business leaders for the Rollins College of Business Executive Education Program and teaches leadership and provides coaching to participants in the Executive Education Program.
- Conducts leadership development training for the participants of the Executive Education Program at the Chickamauga Battlefield.
- **Editorial Work:** *European Journal of International Management*, Board of Directors, *Emerald Frontiers in Global Management*, Senior Editor; *Advances in Global Leadership*, Associate Editor.

Recommendations to Enhance the Effectiveness of the Program

- Begin feasibility planning for the Frierson Chair to host a global virtual conference on the topic of global leadership assessment, development, and practice.
- Secure acceptance for publication of a recently completed theory of collaborative leadership in top management teams.
- 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. Prof. Laurie Allen was appointed in July 2020 as the Chairholder of the *Lyndhurst Foundation Chair of Excellence*.

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

Selected Active Grants and Other Sources of Funding (2019-2020)

- First place ranking-FY20 Tennessee Arts Commission Arts Education: Teacher Training Grant. \$10K was received for a teachers' professional development program in arts integration.
- A \$25,000 gift was received from the Osborne Foundation to support arts integrated early learning residencies in high needs schools.
- A five-year gift agreement in the amount of \$37,500 was established to support visual and performing arts classroom residencies at the Little Miss Mag Early Learning Center.

Publications (2019-20): Submitted a co-authored article to Arts and Health on a collaborative program between the Hunter Museum of American Art, University of Tennessee College of Medicine at Chattanooga, and the Southeast Center for Education in the Arts.

Presentations (2019-20): Co-presented at the National Rural Education Association Annual Conference. Presented a session at the Addressing Aging Through Interprofessional Education, Simulation, and Standardized Patients professional development program at UTC. Two sessions for the 2020 edTPA National Conference in March were postponed due to COVID-19.

Selected Evidence of Institution and Community Impact (2019-2020):

- Oversaw data collection for Ensuring the Arts for Any Given Child Chattanooga-Hamilton County initiative.
- Established the first university-named affiliate of the national Wolf Trap Institute for Early Learning in the Arts, which includes a roster of seven teaching artists that facilitate arts integrated classroom residencies in early childhood education across the Greater Chattanooga region.

Recommendations to Enhance the Effectiveness of the Program

- Rebrand Southeast Center for Education in the Arts (SCEA) as Arts-Based Collaborative (ABC at UTC) emphasizing developing future ready skills in and through the arts.
- Create an online repository of arts integrated unit plans and instructional strategies as Open Educational Resources for K-12 teachers.
- Expand the ABC at UTC teaching artist roster to include artists from diverse backgrounds.
- Develop a Simulated Patient Actor Training Program to support simulation needs in the UTC School of Nursing.

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 (2019-20): Authored one peer-reviewed publication and five professional presentations.

Faculty Mentoring or Other Active Collaboration (2019-20):

- Served as chair for one doctoral dissertation and content-advisor to another. Directed one graduate-student research project and taught two graduate courses in School Psychology.
- Ongoing collaboration with Hamilton County School personnel, UTC faculty, and graduate students in providing interventions for low-functioning students in Hamilton County Schools.
- Ongoing collaboration in research and conceptual development between the Chairholder and faculty from at least eight institutions across the U.S and in other countries.

Selected Other Evidence of Impact on the Institution (2019-20):

- 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 Advisory Board of the Southeast Center for Education in the Arts.
- Served as expert consultant to special education lawsuit in Jackson, TN

Recommendations to Enhance the Effectiveness of the Program

Short term Goals and Plans (2020-21)

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

Long term Goals

- Assist the Hamilton County's regional Forest Schools in developing a region-wide Forest School initiative.
- Expand the operation of the McKee Chair in both research and application domains.

University of Tennessee Health Science Center, 2019-2020

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. P. David Rogers until 8/2020 Dr. Brian Peters since 8/2020
5) Goodman Chair of Excellence in Medicine	Sept 1989	Dr. Arnold Postlethwaite
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. Burt M. Sharp
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	Division of Pediatric Critical Care Medicine
13) Mark S. Soloway Chair of Excellence in Urology	Aug 1992	Dr. Robert W. Wake
14) Maury W. Bronstein Chair of Excellence in Cardiovascular Physiology	Aug 1988	Dr. Jonathan H. Jaggar

Chair of Excellence	Date Established	Chairholder
15) Plough Foundation Chair of Excellence in Pediatrics	Nov 1986	Dr. Amali E. Samarasinghe
16) Semmes Murphey Chair of Excellence in Neurology	Sept 1987	Dr. Andrei Alexandrov
17) Thomas A. Gerwin Chair of Excellence in Physiology	Apr 1987	Dr. Zhongie Sun
18) University of Tennessee Medical Group Chair of Excellence in Obstetrics and Gynecology	Sept 1986	Dr. Giancarlo Mari
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, *Cripple Children's Hospital Foundation Chair of Excellence in Biomedical Engineering* is currently vacant since 2011. The last Chairholder was Dr. Frank DiBianca.

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

University of Tennessee Health Science Center

E. Eric Muirhead Chair of Excellence in Pathology

Status of the Chair of Excellence

Dr. Lawrence Pfeffer serves as the Chairholder of the *E. Eric Muirhead Chair of Excellence in Pathology*. His research focus is on identifying the role of dysregulated miRNAs, and of dysregulated signaling pathways in cancer stem-like cells 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”
- Co-Investigator on a funded grant with Dr. Junming Yue on ovarian cancer
- Co- Investigator on a funded grant with Dr. Nicholas Larabee Yue on epigenetic signaling in glioma

Publications (2019-2020): 8

Presentations (2019-2020): 3

- Keynote presentation at Cancer Symposium
- Center for Cancer Research

Graduate Students Mentored (2019-2020):

- Mentor of Masters in Pharmacology student
- Serves on approximately seven graduate students' thesis committees

Faculty Mentoring or other collaborative activities:

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

Other Evidence of Impact on the Institution:

- Vice-Chair of Research in the Department of Pathology
- Director of the Division of Experimental Pathology
- Associate Director of the Center for Cancer Research
- President of the College of Medicine's College of Medicine's (COM) 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. Last year's goals were met, and some grants scored well and are being resubmitted. A telehealth contract with Erlanger Hospital in Chattanooga, TN has been signed. Coverage for TSC expanded the telehealth.

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 (2019-2020): 15

Presentations (2019-2020): 9

Graduate Students Mentored (2019-2020): 1

Faculty Mentoring or other collaborative activities:

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

Other Evidence of Impact on the Institution:

- Provides patient care locally and internationally

Recommendations to Enhance the Effectiveness of the Program

- Submit at least five grant applications
- Expand TSC Telemedicine healthcare delivery to three additional states
- Expand Telehealth in Eastern Tennessee for Pediatric Nephrology
- Expand the intercellular signaling research to include grant proposals involving COVID-19

University of Tennessee Health Science Center First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics

Status of the Chair of Excellence

Since 2006, Dr. P. David Rogers has served as the Chairholder of the *First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics*. He served as director of clinical and experimental therapeutics in the Department of Clinical Pharmacy and Translational Science in the College of Pharmacy and Director of the UTHSC Center of Excellence for Pediatric Experimental Therapeutics. He held joint appointments in the Department of Pediatrics and Department of Microbiology, Immunology, and Biochemistry. As of August 2020, Dr. Rogers left this role and UTHSC. Dr. Brian Peters in College of Pharmacy has been named as the new COE.

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

Active grants:

- Novel Azole Resistance Mechanisms in *Candida albicans* National Institute of Health (NIH)/National Institute of Allergy and Infectious Disease (NIAID) (R01) – Principal Investigator (PI) – (\$416,764)
- Upc2A: A Central Regulator and "Achilles' Heel" of Fluconazole Resistance in *Candida glabrata* NIH/NIAID (R01) – PI – (\$467,798)
- Non-cyp51A-mutation Mediated Triazole Resistance in *Aspergillus fumigatus* NIH/NIAID (R01) – Contact PI (MPIs Rogers/Fortwendel) – (\$702,163)

Publications (2019-2020): 12

Presentations and Invited Presentations (2019-2020): 18

Graduate Students Mentored (2019-2020): 3

Faculty Mentoring or Other Active Collaborations:

- Engaged in faculty mentorship in the department working with both junior and established faculty to expand the department's competitive funding base and scholarly output
- Active collaborations with scientists and investigators around the world

Selected Other Evidence of Impact on the Institution:

- Member of the NIH Drug Discovery and Mechanisms of Antimicrobial Resistance Study Section

Recommendations to Enhance the Effectiveness of the Program

- Continue to utilize the significance this COE plays in connecting the Department of Clinical Pharmacy and Translational Sciences in the College of Pharmacy (COP), the Department of Pediatrics in the COM, and St. Jude Children's Research Hospital.
- Continue to align research programs with the Department of Clinical Pharmacy and Translational Sciences in the COP, the Department of Pediatrics in the COM, and St. Jude Children's Research Hospital as this is powerful financial resource and political tool to elevate UTHSC's research.

UT Health Science Center Goodman Chair of Excellence in Medicine

Status of the Chair of Excellence

Since 2004, Dr. Arnold E. Postlethwaite has served as the Chairholder of the *Goodman Chair of Excellence in Medicine*. Dr. Postlethwaite is board certified in Internal Medicine and Rheumatology, is a Master of the American College of Rheumatology, member American Society of Clinical Investigation, and has received continuous Veteran's Administration (VA) Merit Grant or National Institute of Health (NIH) funding since 1974.

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

Active grants:

- PI on VA Clinical Merit Review Grant 5I01 CX001400-03 (10/01/16 -3/31/2021)

Publications (2019-2020): 5

Selected Presentations (2019-2020):

- Chaired the Research Meeting with Research Presentation of Data from Vanderbilt and UTHSC at the 2020 Meeting of Tennessee Rheumatology Society
- Video presentation - "Marijuana-derived Cannabinoids Potential Therapeutics for Scleroderma?" posted on the National Scleroderma website and has had 6525 views as of 7/24/20

Selected Faculty Mentoring or Other Active Collaborations

- Ongoing collaboration with Drs. Wei Li, Duane Miller (College Pharmacy, UTHSC) and Andrez Slominski (University of Alabama) resulting in submission of two NIH grants (R01 and RM1 grants)
- Ongoing collaboration with Dr. Weikuan Gu (UTHSC Department of Orthopedics) on effect of Vitamin D Analogs and lack of UVR light on bone metabolism for preliminary data to submit revised R01 grant and a VA Merit Review Grant
- Served on Chidi Zacheaus PhD Committee

Selected Other Evidence of Impact:

- Served on four NIH grant review panels past 12 months
- Member of the National Scleroderma Foundation's Medical Advisory Committee

Recommendations to Enhance the Effectiveness of the Program

- Purchase laboratory supplies and maintain TSK1 mouse colony to assess effects of vitamin D deficiency on fibrosis and autoimmunity
- Purchase other mouse strains to study novel therapeutic agents to treat autoimmunity, fibrosis and arthritis
- Continue collaborations with Drs. Miller, Slominski, Li and Gu to obtain, NIH, Department of Defense (DOD) and VA Grant funding.
- Continue collaboration with Drs. Karen Johnson and Elizabeth Tolley to submit an ancillary R01 grant
- Co-Mentor with Dr. Weikuan Gu postdoctoral fellow from China

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 is put on hold. 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

Dr. Burt M. Sharp was appointed to the *Harriet S. Van Vleet Chair of Excellence in Pharmacology* in March 2020. In addition to the institutional and extra-institutional services and teaching modalities he participates in, Dr. Sharp leads a very active research program, documented by presentations at scientific meetings, publications and external funding. This program aims at determining the mechanisms by which ion channels that control brain perfusion are modulated by small amphiphilic ligands, whether physiological mediators, such as vasoactive steroids, or drugs of abuse, such as alcohol and toluene. Obtained knowledge is used to design novel small agents that could serve as pharmacotherapeutic tools to counteract the deleterious consequences on brain perfusion triggered by amphiphile-ion channel direct interactions.

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

Active Grants and Other Sources of Funding:

- 7/09-6/21: National Institute of Health (NIH) Merit 2R37 AA011560 (2 Yr. NCE) (Role: PI)
- 4/15-3/20: NIH R01 AA023764 (NCE) (Role: Senior Co-I; PI: Bukiya;)
- 3/19-2/23: NIH R01 HL147615 (Role: PI)
- 10/19-9/20: New Grant Support from UTHSC OR (Role: PI)
- 07/20-6/24: NIH R01 HL148941 (Role: contact PI; MPI: Bukiya)
- 4/20-3/22: NIH R03 AA028380 (Role: Co-Inv-PI: Bukiya)

Publications (2019-2020): two articles, two reviews, one book chapter (all peer-reviewed)

Presentations (2019-2020): 13 presentations at national/international scientific meetings; five invited seminar/presentations at scientific meetings

Graduate Students Mentored (2019-2020): one (K. North), plus three thesis cmtts.

Faculty Mentoring or other collaborative activities: mentoring of five UTHSC junior Faculty (UTHSC COM), and one Visiting Scientist (UNLP/CONICET, Argentina)

Selected Other Evidence of Impact on the Institution:

- Teaching at professional (COM, College of Dentistry (COD), and COP) and graduate Integrated Biomedical Sciences Program (IBSP) and Master in Pharmacology) schools
- 2018-present: member of the UTHSC COM Dean Executive Committee

Recommendations to Enhance the Effectiveness of the Program

- Plan to incorporate imaging of blood flow in deep brain areas impacted by drug exposure (e.g., alcohol) in rodents performing behavioral tasks
- 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, 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

Selected Active Grants and Other Sources of Funding:

- Metabiota (Department of Defense (DoD Biological Threat Reduction (BTRP)) Jonsson PI 2/2019 to 6/2015
- NIH RO1 AI103053 3/31/14-NCE to 3/2020
- NIH 1 RO1 AI118814-01 Multi PI Jonsson, Chung Golden 05/01/15-04/31/21

Selected Publications (2019-2020):

- Owen, Robert D., Camp, J.V., and Jonsson, C.B. (2019) Sigmodontine community and species responses to El Niño and precipitation in different levels of forest degradation. *THERYA* 3: 255-265 DOI: 10.12933/therya-19-899 ISSN 2007-3364
- Parvate, A. Williams, E.P., Taylor, M.K., Chu, Y., Lanman, J., Ollmann Saphire, E and Jonsson, C.B. (2019) Diverse Morphology and Structural Features of Old and New World Hantaviruses. *Viruses* 11, 862; doi:10.3390/v11090862
- Skidmore, A., Adcock, R, Jonsson, CB, Golden, J., Chung, D.H. (2020) Benzamidine ML336 inhibits plus and minus strand RNA synthesis of Venezuelan equine encephalitis virus without affecting host RNA production. *Antiviral Res.* 2020;174:104674.
- Parvate, A., Vago, F., Hasana, S, Williams, E.P., Lee, J., Lanman, J., and Jonsson, C.B. (2020) A new inactivation method to facilitate cryo-EM of enveloped, RNA viruses requiring high containment: A case study using Venezuelan Equine Encephalitis Virus (VEEV). *J Virol Methods.* 2020;277:113792. doi:10.1016/j.jviromet.2019.113792

Faculty Mentoring: Amber Smith, Ph.D., Department of Pediatrics, Ying Kong, Ph.D., Department of Microbiology, Immunology and Biochemistry, Joseph Pierre Ph.D. and Heather Smallwood, Ph.D., Department of Pediatrics; Rudragouda Channappanavar, College of Nursing

Recommendations to Enhance the Effectiveness of the Program

- Collaborate with multiple faculty in response to COVID-19 to expand animal models, antiviral discovery, clinical isolation and sequencing of virus in Memphis, and clinical studies
- Expanding capability in COVID-19 diagnostics for the TN community
- Continue work with the COP and Institute for the Study of Host-Pathogen Systems (ISHPS) to hire faculty and to create a critical mass of faculty in viral immunology to enable development of a program project grant

University of Tennessee Health Science Center

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

Status of the Chair of Excellence

Since 1985, Dr. Terrance G. Cooper has served as the Chair-holder of the *Harriet S. Van Vleet Chair of Excellence in Microbiology and Immunology*.

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

Active Grants and Other Sources of Funding:

- Continuously funded by NIH for 45 years
- Received a four-year grant; activated 1/1/19 – USA LTAUSA18 Grant (No. LTAUSA18162)

Publications (2019-2020):

- Two papers (222 total) & eight presentation abstracts (253 total)
- June 2019 posted online Genetics paper (252 views in first three weeks). Online visibility: 61,953 total views and 49,154 downloads (as of 4/18/20)
- Tools of Biochemistry now in five languages and more than 17 English printings.

Presentations (2019-2020): 9, including two Plenary Symposium speeches

Faculty Mentoring (2019-2020):

- Mentors to two faculty members in the UTHSC Department of Microbiology, Immunology and Biochemistry

Active Collaborations:

- Zdena Palkova & Ivana Malcova at Charles University, Prague, Czech Republic

Selected Other Evidence of Impact on the Institution:

- Re-elected Faculty Trustee on the UTHSC Advisory Board 2020-2022
- Chair of UTHSC Faculty Handbook Revision and Dean's Advisory Council Policy Committees
- 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

National and International Impact:

- International Conference on Yeast Genetics & Molecular Biology (ICYGMB), Secretary General
- International Committee on Yeast Genetics and Molecular biology Finance / Policy Committee – USA Representative
- Awarded State of Michigan Special Tribute for Life Accomplishment by the Governor

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Health Science Center

J. R. Hyde Chair of Excellence in Rehabilitation Engineering

Status of the Chair of Excellence

William M. Mihalko, MD, PhD serves as the *J. R. Hyde Chair of Excellence in Rehabilitation Engineering* 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, 2020. Role MPI (10%)-U01 resubmission under review. Original application score 36 with a funding line score of 25.

Publications and Presentations (2019-2020): 13 publications (three others accepted for publication) and 11 abstract presentations to medical society meetings

Faculty Mentoring or other collaborative activities:

- New collaborations established with Dr. Karen Derefinko in preventive medicine continues with new study on narcotic utilization after total knee replacement submitted for presentation to the American Academy of Orthopedic Surgeons and an R21 clinical trial application resubmitted this summer cycle as MPIs
- New collaborations with Dr. Jayaprakash Kumar in preventive medicine, investigating smoking relapse in patients who quit prior to Total Knee Arthroplasty (TKA) surgery

Selected Other Evidence of Impact on the Institution:

- Program chair for the Joint Graduate Program in Biomedical Engineering with one graduating MS student and two current supported MS students
- Currently ranked in the top 50 worldwide experts in knee arthroplasty by Expertscape.com (since 2014)
- Received the ASTM International Service Appreciation Award 2019

Recommendations to Enhance the Effectiveness of the Program

- Continue to obtain federal funding as a co-investigator or PI/MPI over the next academic year and submit two grants for federal funding as a PI or MPI each year
- Expand collaborations into the Department of Physical Therapy with support for the gait and motion analysis laboratory

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

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding: 16

Publications (2019-2020): 20

Chapters (2019-2020): 5

Books (2019-2020): 1

Presentations (2019-2020): 52

Graduate Students Mentored: Residents in Pediatric Neurology (7)

Faculty Mentoring or other collaborative activities: Lindsay Wise, MS4, UTHSC College of Medicine collaborating in research programs. Mentor all junior faculty in division (8)

Other Evidence of Impact on the Institution: CFOM Grant for 5 years \$2.5 Million, and 15 other funded research projects as primary investigator

Recommendations to Enhance the Effectiveness of the Program

Goals for 2020-2021:

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

Long-term Goals:

- Direct and lead the Pediatric Neurology Division
- Continue to grow faculty and develop sub-specialty programs
- Lead the Le Bonheur/UT efforts while developing the Neuroscience Research Consortium with St. Jude Children's Research Hospital to tackle genetic neurological disorders

University of Tennessee Health Science Center

Le Bonheur Chair of Excellence in Pediatrics (2nd chair)

Status of the Chair of Excellence

The *Le Bonheur Chair of Excellence in Pediatrics (2nd Chair)* was allocated to the Division of Pediatric Critical Care Medicine in March 2019. Chair of Excellence (COE) funds have supported the salary for the Fellowship Research Director and participation in the Pediatric Acute Lung Injury and Sepsis Infection (PALISI) network. The COE supported recruitment efforts to hire a mid-career research faculty, neuro-critical care faculty and to promote faculty research projects. Funds have also been used to support faculty education initiatives, the first International Pediatric Onco-Critical Care Symposium, installation of infrastructure for fellow's long-distance education and training resources for critical care fellows and nurse practitioners. COE funds have also provided logistical support for two new service lines, neurocritical care and extracorporeal membrane oxygenation (ECMO), over the past year.

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

Selected Active Grants and Other Sources of Funding:

- Pediatric Research of Drugs, Immunoparalysis and Genetics during MODS (PARADIGM) trial: Site Principal Investigator. Funded by Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD) (PAR 16-196), Project Number: 5R01HD095976-02.
- PROSPECT: Prone and Oscillation Pediatric Clinical Trial. Funded by NHLBI (PAR 16-300). Project Number 4UH3HL141736-02.

Publications (2019-2020): 2

Presentations: (2019-2020): Three International Presentations by the Chair

Graduate Students Mentored (2019-2020): 10 Critical Care Fellows, including a Global Onco-Critical Care Fellow from Jordan

Faculty Mentoring or other collaborative activities:

- Faculty oversight committee – Dr. Nico West (Neuro-endocrine research)
- Mentoring junior faculty for Neuro-Critical Care training by developing a structured program in collaboration with ROH, St. Jude

Selected Other Evidence of Impact on the Institution:

- Center of excellence for unique Combined Onco-Critical Care Fellowship Training
- Extracorporeal membrane oxygenation (ECMO) Award of Excellence – Gold Category

Recommendations to Enhance the Effectiveness of the Program

- Targeted faculty hiring – Mid-career research and Neurocritical care faculty
- Focused research emphasis in the areas of pediatric sepsis, MIS-C and Neurocritical Care
- Artificial Intelligence education / research – Develop novel prediction algorithms / industry partnership

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

Status of the Chair of Excellence

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

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

Selected Active Grants and Other Sources of Funding:

- Wake, Robert W., Co-PI. Effect of Novel Paxillin Modulators for the Treatment of Prostate Cancer. \$1,250,000/5 years, NCI. R01
- Wake, Robert W., Co-PI. SBIR Grant Application. Tactile Sensing with Ultrasound for Targeted Prostate Biopsy. Collaborative effort with UTHSC Department of Pathology
- Wake, Robert W., Co-PI. U54 grant for The Center of Excellence for Prostate Cancer Health Disparity (CE-PCHD). Collaborative effort with the College of Pharmacy and the University of Memphis. \$1,140,000.00

Presentations (2019-2020): 2 of 7

- Kristen Marley, MD; Howard Hasen, MD; Christopher Ledbetter, MD; Robert Wake, MD; Anthony Patterson, MD. Objective Risk Score Reliably Predicts 30-Day Mortality After Radical Cystectomy. Accepted at 2020 Annual AUA/SES meeting 3/18/20(meeting canceled due to COVID-19)
- Patrick Probst, MD; Kristen Marley, MD; Howard Hasen, MD; Christopher Ledbetter, MD; Robert Wake, MD; Anthony Patterson, MD. Identifying Areas for Improvement within Urologic Residency Programs to Combat Opioid Overuse and Overprescribing. Accepted at 2020 Annual AUA/SES (meeting 3/19/20 (meeting canceled due to COVID-19)

Recommendations to Enhance the Effectiveness of the Program

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

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) - five grants, two as Principal Investigator
- New National Institutes of Health R01 as Principal Investigator received 7 percent.
- American Heart Association Postdoctoral Fellowship – one grant

Publications (2019-2020): 4

Presentations (2019-2020): 3

Graduate Students Mentored (2019-2020): 1

Faculty Mentoring or Other Active Collaborations:

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

Other Evidence of Impact on the Institution:

- Conference Organizer. FASEB SRC on Smooth Muscle, Palm Beach, FL
- 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

Recommendations to Enhance the Effectiveness of the Program

- Publish several new manuscripts
- Submit two new NIH RO1 applications
- 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)

Publications (2019-2020):

- Five (peer-reviewed manuscripts, one of which is still in press) and one invited book chapter (also in press)

Presentations (2019-2020): Four invited lectures (national); two conference seminars (canceled due to COVID); three invited seminars (local)

Trainees Mentored (2019-2020): Postdoctoral Fellows: 1 Undergraduate Students: 3

Faculty Mentoring or other collaborative activities:

- Co-mentor Assistant Professor of Critical Care, Dr. Nicholas Morin
- UT collaboration (Dr. Ayman Al-Dayeh- Department of Dentistry)
- Saint Jude's collaborators (Dr. Jason Rosch, grant submissions to NIH & Dr. Paul Thomas)
- Committees Served: American Thoracic Society, Autumn Immunology Conference, American Lung Association, NIH/CSR, American Thoracic Society

Other Evidence of Impact on the Institution:

- UTHSC Dept. of Pediatrics Education Committee Member; Director of the Annual Conference; Director of the Seminar and Journal Club Series
- 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

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:

- Alexandrov, Andrei. (Lead Principal Investigator). "Respond, Evaluate, Cure, Heal: Mobile Stroke Unit (REACH MOST)," Funding from the Assisi Foundation \$1,100,000 (Oct 2018 – Oct 2020).
- Alexandrov, Andrei (Investigator), Alexandrov, Anne. (Lead Principal Investigator), Metter, Jeff (Investigator), Tsivgoulis, George (Investigator), "ZerO Degree head positioning In Acute ischemiC stroke (ZODIAC)," Funding from HHS - NIH - NINR - National Institute of Nursing Research \$2,362,361 (Sept 2018 - June 2023).

Publications (2019-2020): 32 Authored or Co-Authored

Other Evidence of Impact on the Institution:

Significant accomplishments and activities at the UTHSC Department of Neurology:

- Committed department resources to support resident-driven research. UT Neurology residents had 20 publications from 2018 to date. Many of them presented first author abstracts at major national and international conferences
- The UT Mobile Stroke Unit was launched on July 13, 2016 and remains in operation with excellent treatment rates. In 2018, it was the first mobile stroke unit in the world to be accredited by the Intersocietal Accreditation Commission (IAC) as a Computerized Tomography (CT) laboratory
- A city-wide stroke program continues stroke attending coverage services at Methodist University Health, Regional One Health and Baptist Medical Health with world record treatment numbers for fifth year in a row (highest reported tPA treatment rates, 2015-2019) in the world
- Supervision of numerous Clinical Fellows in Vascular Neurology, Clinical Stroke and Cerebrovascular Ultrasound and Stroke Research

Recommendations to Enhance the Effectiveness of the Program

- Organize city-wide Epilepsy coverage for EMU, NICU and in-hospital EEG reading 24x7 across Methodist University Health, Regional One Health and Baptist Medical Health
- Continue UT Mobile Stroke Unit operations in the City of Memphis

University of Tennessee Health Science Center

Thomas A. Gerwin Chair of Excellence in Physiology

Status of the Chair of Excellence

Since April 2018, Dr. Zhongjie Sun has 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 NHLBI R01 HL122166, PI, - Coupling factor 6 in cold-induced kidney dysfunction and hypertension
- NIH NIA R01 AG049780, PI, - Investigation into heart aging
- NIH NIA R01 AG062375, PI, - Epigenetic regulation of kidney function and blood pressure
- NIH HL154147, PI, -Investigation into arterial stiffness and hypertension

Selected Publications (2019-2020): 5 Total

- Rui Feng, Mujib Ullah, Kai Chen, Quaisar Ali, Yi, Lin and Zhongjie Sun. Stem cell-derived extracellular vesicles mitigates aging-associated arterial stiffness. J Extr. Vesicles (accepted, 2020)
- Xiaobin Han and Zhongjie Sun. Epigenetic regulation of KL (Klotho) via H3K27me3 (Histone 3 Lysine [K] 27 Trimethylation) in renal tubule cells. Hypertension. 75(5):1233-1241, 2020. PMID:32223380

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
- Develop new research collaboration at UTHSC and Methodist Hospital

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

Status of the Chair of Excellence

Dr. Giancarlo Mari was appointed as the *University of Tennessee Medical Group Chair of Excellence in Obstetrics and Gynecology* and the chair of the Department of Obstetrics and Gynecology in January 2011.

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

Active Grants and Other Sources of Funding:

- Site PI for a Mild Chronic Hypertension NIH grant (\$44,458) through the University of Alabama, Birmingham (UAB)
- Perinatal Grant through the State of Tennessee (\$613,000 per year)

Publications (2019-2020): Co-authored four journal articles

Presentations (2019-2020): Three national and international invited presentations

Faculty Mentoring or Other Collaborations: Mentored three Maternal-Fetal Medicine Fellows

Other Evidence of Impact on the Institution:

- Director of Maternal Fetal Medicine Fellowship Program
- Clerkship Rotation in Ob/Gyn is considered one of the top at UTHSC
- The Department of Ob/Gyn organized the 33rd Annual Contemporary Issues in Obstetrics and Gynecology meeting and providers from 22 states attended
- The department continues to organize the OB FAST simulation training at ROH, which takes place every two months
- Continue to work on the role of the department in decreasing the infant mortality rate in Memphis
- Creation of the Intrauterine Growth Restriction (IUGR) and Menopausal clinics at ROH

Recommendations to Enhance the Effectiveness of the Program

Goals (2020-2021):

- Continue existing fellowship programs and continue to support the Division Directors
- Continue to develop new Ob/Gyn specialized clinics at ROH
- Continue to organize the Annual Contemporary Issues in Obstetrics and Gynecology conference in Destin, FL
- Continue to support and encourage research in the Department of OB/GYN

Long-term Goals:

- Become one of the premier education and research centers in Obstetrics and Gynecology in the US and the preferred provider for all women in the Mid-South
- Continue to work on developing a MIGS and REI fellowships, and an Urogynecology Division and fellowship

University of Tennessee Health Science Center

William and Dorothy Dunavant Chair of Excellence in Pediatrics

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding:

Ongoing philanthropic commitments to the Department/CFRI for \$1M per year (Children's Foundation of Memphis) and \$250,000 (State of Tennessee); new commitment of ~\$700k (Urban Child Institute).

Publications (2019-2020): 2 (peer-reviewed), 6 (non-peer-reviewed or lay press)

Presentations (2019-2020): 2 invited seminars

Faculty Mentoring or Other Active Collaborations:

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

Other Evidence of Impact on the Institution:

- Assumed role of Senior Executive Associate Dean for Clinical Affairs and Chief Operating Officer in the College of Medicine, UTHSC
- Assumed interim role of CEO of University Clinical Health (10/19-6/20) and re-organized this University practice plan
- Led Le Bonheur to top 50 rankings in eight specialties in US news and World Report and top 25 in six
- Chair of Search Committee for Senior Executive Dean of Research
- Two new first time R01 grants to junior faculty; one new K08 grant

Recommendations to Enhance the Effectiveness of the Program

Goals (2020-2021):

- 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

Long-term Goal:

- Gain recognition as a Top 10 Faculty in Pediatrics

University of Tennessee Knoxville, 2019-2020

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. Norrel
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 February 2020
10) Hodges Chair of Excellence in English	Apr 1985	Vacant since 2019
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 \$1.67 million; one grant awarded since August 2019 totaling \$477k; two pending grants submitted since August 2019 totaling \$250k.

Publications: Four journal articles and four peer reviewed extension publications published or accepted for publication; two manuscripts in review with journals. Coordinated the Agriculture Chapter in the 2020 Economic Report to the Governor.

Presentations: Five presentations to scientific audiences:

- Agricultural and Applied Economics Association; International Agricultural Trade Research Consortium; Food Distribution Research Society; Minorities in Agriculture, Natural Resources, and Related Sciences (MANRRS); and Southern Agricultural Economics Association.

Extension Presentations: 17 extension presentations:

- Southern Ext. Economics Comm.; UT/TSU Ext. Farm Mgmt. Workshop; UT at Martin (UTM); TN Grain and Soybean Producers; TN Dairy Producers Assoc.; Reg. In-Service Trainings.

Selected Other Related Impacts:

- Appointments: Ag. Policy Advisory Comm. (advising the Sec. of Ag. and U.S. Trade Rep.); Advisory Board, Socially Disadvantage Farmers and Ranchers Policy Research Ctr.; Council on Food, Ag. and Resource Economics Board of Directors; International Ag. Trade Research Consortium Exec. Comm. Chair; Sr. Editor of the *Journal of Food Distribution Research*.

Faculty and Student Mentoring:

- Two publications and two presentations with junior faculty and graduate students.

Recommendations to Enhance the Effectiveness of the Program

Short term Goals: Continue with at least one graduate student; obtain funding for at least one post-doc and other resources to establish a Center for International Agriculture Trade at UTIA. Continue policy relevant research and outreach on international trade issues.

Long term Goals: To establish a Center/program that provides information, research, and analysis to support public and private global trade initiatives in the Region; to establish UTIA as a leading institution in international agricultural trade research and outreach.

University of Tennessee Knoxville

Bernadotte E. Schmitt Chair of Excellence in History

Status of the Chair of Excellence

Dr. Robert J. Norrell (PhD 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

Graduate Students Mentored: (2019-2020):

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

Teaching and Service (2019-2021)

- Served on the department's Undergraduate Committee
- Taught a new course, History 248, Honors Western Civilization
- Successfully completed Periodic Post-Tenure Performance Review
- **Grants Received**
 - Applied for ACLS but not awarded.
 - Applied and received a UT faculty development leave for fall 2020

Recommendations to Enhance the Effectiveness of the Program

Short term Goals and Plans (2020-2021)

- New course approval for US Global Awareness designation for the curriculum

Long term Goals

- Pursue and publish a study of the way historians in four nations—U.S., Germany, France, and Great Britain—have interpreted wars in the 20th century, from 1914 to 1989. Particular attention will be paid to the ways that history has been written and revised to advance national foreign-policy positions. Book is 90 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

Presentations (2019-2020):

- *Halley and Newton*: "Table reading" by five actors for a small invited audience of my just completed scientifically and historically accurate full-length play, September 12, 2019
- *Surviving the Nazis: The Mira Kimmelman Story*: directed a live Zoom public performance using three actors in separate locations for Holocaust Remembrance Day, April 26, 2020
- "Footsteps: In Honor of the Apollo Moonflights," American Museum of Science & Energy, Oak Ridge, invited keynote speech for opening of new exhibit, September 20, 2019

Graduate Students Mentored: (2019-2020):

- Jordan Bush - M.S., project adviser, graduated May 2020
- Jonathan Braun - M.S., project committee, graduated August 2020
- Jordan Bush - M.S. Independent Study: a middle-grades children's science writing novel

Selected Faculty Mentoring or Other Active Collaborations:

- Program Chair, UT Science Forum: I invite and host UT and Oak Ridge National Laboratory (ORNL) faculty to speak to the public, giving them opportunities to explain their research to lay audiences
- Dr. Gary McCracken, Professor of Ecology and Evolutionary Biology: at his request, critiqued a draft of his book for lay readers about bats; also arranged for him to give two speeches to lay audiences

Selected Other Evidence of Impact on the Institution:

- Arranged and coordinated weeklong visit by Paula Apsell, Executive Producer Emerita of *Nova* on PBS, to speak to and work with students on science-documentary and writing projects and deliver public talk, Oct. 27-Nov. 1, 2019
- Completed *Halley and Newton* (full-length play; September 2019)

Recommendations to Enhance the Effectiveness of the Program

Short term Goals and Plans (2020-2021):

- Publish *Books Acted Out*
- Find performance venues for *Halley and Newton* and for *Little Lessons for Lina*

Long term Goals:

- 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 \$300,000. Since the Chair only generates approximately one-third of that total, that creates a large deficit to be funded by the college. Nonetheless, we do realize this is an important appointment and plan to fill the Chair as soon as resources allow, and a worthy candidate is identified.

University of Tennessee Knoxville

Harry and Vivienne Bruce Chair of Excellence in Business

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding:

- Founder and Co-Director of the Advanced Supply Chain Collaborative (ASCC), a collaborative think tank engaging industry with UTK to explore advanced concepts in Supply Chain Management. The 2019 membership had a budget of \$550,000 that provided funding for 11 faculty, 2 PhD students, and 2 masters students
- Faculty Director of Global Supply Chain Institute and Forum that generates annual revenue of \$750,000 and contributes over \$400,000 to department excellence
- Author and/or content editor of three white papers that attracted over \$100k in research funding

Publications (2019-2020): 11 including journal articles (4), conference papers (2), white papers (4) and industry publications (1)

Presentations (2019-2020): Five presentations nationally and three podcasts

Graduate Students Mentored: (2019-2020): Five EMBA in Global Supply Chain students, One PhD student

Selected Faculty Mentoring or Other Active Collaborations:

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

Selected Other Evidence of Impact on the Institution:

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

Recommendations to Enhance the Effectiveness of the Program

Short term Goals (2020-2021)

- Continue success of Advanced Supply Chain Collaborative (ASCC)
- Continue thought leadership relationships with leaders in leading edge organizations

Long term Goals

- Ensure that University of Tennessee Supply Chain Management (SCM) program is consistently recognized as the Top SCM program in the world
- Migrate learnings from ASCC to other areas of business research

University of Tennessee Knoxville

Robert Condra Chair of Computer Integrated Engineering and Manufacturing

Status of the Chair of Excellence

Dr. Matthew Mench (Mechanical Engineering, PhD, Pennsylvania State University, 2000) is the current Chairholder of the *Robert Condra Chair of Computer Integrated Engineering and Manufacturing*.

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

Active Grants and Other Sources of Funding (2019-2020):

- 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 (2019-2020): Four journal publications and multiple abstracts

Presentations (2019-2020): Several presentations and invited talks

Graduate Students Mentored: (2019-2020): Six current PhD students, two research associate, one MS student, and several undergraduates

Faculty Mentoring or Other Active Collaborations:

- As Department Head, actively provided mentorship for numerous faculty

Other Evidence of Impact on the Institution:

- Served as Interim Vice Chancellor for Research, Dec. 2019-July 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.
- 2016 List of the 150 Most Cited Scholars in Energy Research by Elsevier Scopus Data.
- UT College of Engineering Translational Research Award, 2016.
- UT Research Foundation Start Up Award, 2016.
- Associate Editor of ASME Journal of Fuel Cell Science and Technology.
- Invited speaker to over 60 Universities, Research Laboratories, and Conferences.
- Department Chair of the Mechanical, Aerospace, and Biomedical Engineering Department, August 2013 - present

Recommendations to Enhance the Effectiveness of the Program

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

University of Tennessee Knoxville

Robert Condra Chair of Excellence in Power Electronics Applications

Status of the Chair of Excellence

Dr. Fei "Fred" Wang (Electrical Engineering, PhD, USC, 1990) is the current holder of the *Robert Condra Chair of Excellence in Power Electronics Applications*. Dr. Wang is 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 Kloman 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 (2019-2020):

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

Publications (2019-2020): One book, nine journal papers, 29 conference papers, one granted patent, one patent filed.

Presentations (2019-2020): Two tutorials, two keynote speeches and one panel presentation.

Graduate Students Mentored: (2019-2020):

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

Faculty Mentoring or Other Active Collaborations:

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

Recommendations to Enhance the Effectiveness of the Program

Short term Goals and Plans (2019-2020):

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

Long term Goals:

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

University of Tennessee Knoxville

Forrest 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

Selected Publications (2019-2020):

- Under formal review: Interpretaciones: Experimental Criticism and the Metrics of Latin American Literature.
- "Looking for a Hero: Masters of the Dew, La Source, and the Quest for Water in Haiti." *Contemporary French & Francophone Studies*. Winter 2019-2020 23 (5), pp. 568-75.

Selected Presentations (2019-2020):

- "The Role of the Author in Literature: The Case of "Cabanga africana." 69th annual Mountain Interstate Foreign Language Conference. Auburn, AL. October 2019.

Teaching and Mentoring or Other Active Collaborations:

- Faculty mentor for *Vernacular*, The Department of Modern Foreign Languages & Literatures (MFLL)'s online graduate student journal, which published its fifth issue in April, and held its third annual graduate student symposium in February.
- Taught the same upper-level undergraduate course (SPAN 333) in the Hispanic Studies major: once in the fall and once in the spring.
- Mentored two junior faculty in MFLL: Liliana González (Co-mentoring with English Dept) and Annachiara Mariani (Italian program).
- Co-director of Sara Rico-Godoy's dissertation, as of spring 2020

Other Evidence of Impact on the Institution:

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

Recommendations to Enhance the Effectiveness of the Program

Secure a book contract for completed manuscript. Further research and write 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, who held the chair last year, left the University of Tennessee in February 2020. Tickle College of Engineering has submitted its list of hiring priorities for the upcoming year and this position is listed as of high priority for the college. We anticipate approval to search for this position and anticipate it being filled effective August 2021.

University of Tennessee Knoxville Hodges Chair of Excellence in English

Status of the Chair of Excellence

This position was held by Dr. Harjo-Sapulpa from 2016 until his retirement in 2019. The college plans to start the search as soon as normal hiring practices can resume which were frozen due to the COVID-19 pandemic.

University of Tennessee Knoxville

Ivan Racheff Chair of Excellence in Materials Science and Engineering

Status of the Chair of Excellence

Professor Peter Liaw has served as the Holder of the *Ivan Racheff Chair of Excellence in Materials Science and Engineering*, since 1993. Owing to his outstanding and significant contributions to Mechanical Behavior of Materials, and his great service to the Minerals, Metals & Materials Society (TMS), he was recognized with the TMS Distinguished Service Award in 2007 and was named 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:

- National Science Foundation (NSF) \$420,000,
- Army Research Office (with Dr. F. Zhang) \$500,000,
- Honda R&D Americas Inc. \$315,000,
- NSF (with Professor Gao) \$375,000,
- Office of Naval Research, \$200,000.

Selected Publications (2019-2020): Based on the Web of Science, there are four Highly-Cited Papers and one Hot Paper co-authored with Professor Liaw. Professor Liaw and his team have produced 104 journal publications.

Presentations (2019-2020): Professor Liaw and his team have made 65 presentations, including plenary, invited, or contributed lectures, which have spanned the US and Taiwan, including 25 and 26 presentations at the 2019 and 2020 TMS Annual Meetings, respectively.

Graduate Students Mentored (2019-2020): Thirteen total

Faculty Mentoring or Other Active Collaborations: Eight visiting scholars

Other Evidence of Impact on the Institution: Served as Chair or Member of the TMS Mechanical Behavior of Materials Committee since 1974. Organized or co-organized 76 TMS symposia.

Recommendations to Enhance the Effectiveness of the Program

Short term Goals and Plans (2020-2021): Mechanical behavior, phase transformation, serration characteristics in the stress-strain curves of high-entropy alloys and bulk-metallic glasses will be studied and modeled. Several Department of Defense (DOD), DOE, NSF, and industry proposals will be submitted with colleagues.

Long term Goals: Continue to investigate mechanical features of advanced high-entropy alloys and their composites, bulk-metallic glasses, and steels. Develop a large-scale high-entropy alloys program. Note that we have submitted an NSF Science and Technology Center (STC) proposal related to high-entropy alloys.

University of Tennessee Knoxville

Ivan Racheff Chair of Excellence in Plant Molecular Genetics

Status of the Chair of Excellence

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

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

Active Grants and Other Sources of Funding:

There were \$15.5M of active external awards (17 total), including eight new awards. Major funders are Defense Advanced Research Projects Agency (DARPA), Advanced Research Projects Agency-Energy (ARPA-E), and the DOE.

Publications (2019-2020):

Was an author on 17 peer-reviewed papers during the period, including papers published in *Science*, *Nature*, the *Plant Biotechnology Journal*, and *Annual Review of Phytopathology*

Presentations (2019-2020):

Gave two invited presentations at national meetings and several other presentations that were given live and remotely.

Graduate Students Mentored (2019-2020):

- Reginald Millwood, PhD, plant sciences/biotech, PhD 2019
- Shamira Sultana, PhD, plant sciences/biotech
- Jessica Layton, Masters, plant sciences/biotech
- Alex Pfothenauer, PhD (co-advisor), food science/synthetic biology
- Paolo Tagaloguin, MS, plant sciences/biotech, Fulbright Scholar
- Robert Sears, PhD, plant sciences/biotech
- Tyler Newton, MS, plant sciences/biotech

Faculty Mentoring or Other Active Collaborations:

Active collaborations exist in several UT departments, ORNL, Harvard, MIT, UC-Davis, Stanford, Penn and other universities.

Other Evidence of Impact on the Institution:

- Co-director of the Center for Agricultural Synthetic Biology and 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
- New coronavirus project using plants to trap and sense virus
- New research project for plant-based standoff sensing of human decomposition with Anthropology's "Body Farm"
- Expand state-of-the art photonics and drone capabilities for plant-based sensing

University of Tennessee Knoxville

J. Fred Holly Chair of Excellence in Economics

Status of the Chair of Excellence

Since August 2019, Dr. Christian Vossler (PhD, Cornell University, 2003) has been the Chairholder of the *J. Fred Holly Chair of Excellence in Economics*.

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

Active Grants and Other Sources of Funding:

- Two active grants, one through the US Environmental Protection Agency (EPA) and the other through the US Department of Agriculture (USDA), totaling \$1.3M.

Selected Publications (2019-2020):

- Vossler, Christian A. and Ewa Zawojcka. 2020. Behavioral drivers or economic incentives? Toward a better understanding of elicitation effects in stated preference studies. *Journal of the Association of Environmental and Resource Economists* 7(2): 279-303.
- Palm-Forster, Leah H., Paul J. Ferraro, Nicholas Janusch, Christian A. Vossler, and Kent D. Messer. 2019. Behavioral and experimental agri-environmental research: Methodological challenges, literature gaps, and recommendations. *Environmental and Resource Economics* 73(3): 719-742.

Presentations (2019-2020):

- Society for Benefit-Cost Analysis, Toulouse, France, November 2019.
- Science of Philanthropy Initiative 2019, University of Chicago, September 2019.
- Economic Science Association, Long Beach, CA, October 2019.
- Contests: Theory and Evidence 2020, Online, June 2020.

Graduate Students Mentored: (2019-2020):

- Chaired four dissertation committees, served on two other dissertation committees. Four of these students are expected to complete their PhD by August 2020.

Selected 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*
- Chaired departmental search committee that resulted in two tenure-track hires
- Director of UT Experimental Economics Laboratory

Recommendations to Enhance the Effectiveness of the Program

Short term Goals and Plans (2020-2021):

- Spend upcoming sabbatical collaborating with researchers at the University of Exeter (UK) to tackle pressing environmental policy issues.

Long term Goals:

- Establish biannual academic workshop on experimental and environmental economics at UT
- Create an undergraduate course in behavioral economics that is accessible to students from many disciplines.

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

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

Publications (2019-2020):

- 31 publications, including 23 articles, four book reviews and four popular articles
- Lead editor and author of sections of new edition of classic book, *Ecology of Invasion by Animals and Plants*, Springer, 2020

Presentations (2019-2020): Five at conferences, four at universities, five delayed by pandemic, and one cancelled by pandemic

Graduate Students Mentored: (2019-2020): 3

- Krista DeCooke – hemlock woolly adelgid and conservation NGO (May 2023)
- Maria Daniela Rivarola - rodent ecology (September 2020)
- Jordan Bush – mathematical modeling; herpetofaunal ecology (PhD July 2020)

Faculty Mentoring or Other Active Collaborations:

- Pursuing five manuscripts and developing three other research projects

Other Evidence of Impact on the Institution:

- Courses Taught (2019-2020): 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
- Continued substantial writing as lead author on part of International Platform on Biodiversity and Ecosystem Services (IPBES)

University of Tennessee Knoxville

Pilot Oil Corporation Chair of Excellence in Leadership

Status of the Chair of Excellence

The *Pilot Oil Corporation Chair of Excellence in Leadership* was established in 1986 and Dr. Michael R. Galbreth (PhD, Vanderbilt University) serves as the Chairholder.

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

Publications (2019-2020):

- Shang, G., Ferguson, M., and Galbreth, M. (2020) Using Transactions Data to Improve Consumer Returns Forecasting. *Journal of Operations Management*, 66(3), 326-348.
- Galbreth, M., and Ghosh, B. (2020) The Effect of Exogenous Product Familiarity on Endogenous Consumer Search. *Quantitative Marketing and Economics*, 18(195-235).
- Shang, G., Ferguson, M., and Galbreth, M. (2019). Where should I focus my return reduction efforts? Empirical guidance for retailers. *Decision Sciences*, 50(4), 877-909.

Selected Presentations (2019-2020):

- "Should OEMs Authorize Third Party Remanufacturers?" presentation scheduled for the 2020 Annual Meeting of the Institute for Operations Research and Management Science, 11/2020.
- "Endogenous Consumer Search Under Asymmetric Product Familiarity" presentation 2019 Annual Meeting of the Institute for Operations Research and Management Science, 10/2019.

Faculty Mentoring or Other Active Collaborations:

As Department Head, serves as a consistent mentor for faculty in the Department of Business Analytics & Statistics on teaching excellence and developing a top-tier research program.

Selected Other Evidence of Impact on the Institution:

- Working closely with Advancement on several major gift agreements
- Successful recruitment and retention of seven new departmental faculty in 2019-2020
- Leading reviews and programmatic updates of MS and PhD programs in Business Analytics

Recommendations to Enhance the Effectiveness of the Program

Short term Goals and Plans (2020-2021):

- Pursue growth in the Corporate Partnership Program
- Roll out redesigned MS & PhD programs in Business Analytics and attract top applicants

Long term Goals:

- Enhance the international reputation of the department by increasing research productivity
- Establish the department's PhD program a top source of academic talent Business Analytics

University of Tennessee Knoxville

Willis Lincoln Chair of Excellence in Physics

Status of the Chair of Excellence

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

Publications (2019-20): 15 publications (*five articles published in Nature Journals*).

Presentations (2019-20): 10 presentations (eight international workshops and two at universities).

Faculty Mentoring or Other Active Collaborations:

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

Other Evidence of Impact on the Institution:

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

Recommendations to Enhance the Effectiveness of the Program

Recommendations:

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

Short term Goals and Plans (2019-2020):

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

Long term Goals:

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

University of Tennessee Knoxville

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 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:

Twelve active awards from the Air Force, Navy, DoD High-Performance Computing Modernization Office and NASA with obligated funding exceeding \$11M. He was the 2020 Recipient of the Department of Mechanical, Aerospace and Biomedical Engineering *B. Ray Thompson Endowed Excellence in Research Award*.

Publications (2019-2020):

From Aug 2019-July 2020, Dr. Schmisser's research group published five conference papers and one journal article with four more articles under review in journals including the *AIAA Journal*, *Journal of Spacecraft and Rockets* and *Applied Optics*.

Selected Presentations (2019-2020):

- Eight invited presentations including: seminars at Georgia Tech (Sep) and Auburn (Oct)
- Three courses taught at Lockheed Martin facilities in Nov/Dec (Palmdale, Ft. Worth, Marietta)

Graduate Students Mentored: (2019-2020): 9 –

- Dr. Lara Lash has defended her dissertation this summer and will be taking a position at NASA Ames in September 2020

Selected Faculty Mentoring or Other Active Collaborations:

- Led UT engagement with industry in support of hypersonic research, including establishment of a Master Research Agreement with Lockheed Martin.

Recommendations to Enhance the Effectiveness of the Program

Short term Goals and Plans (2020-2021): Complete installation and initial operation of Air Force Research Laboratory (AFRL) funded Mach 7 Ludwig Tube in late 2020 (delayed due to COVID-19). Add two new research associates and a post-doctoral associate to research team to enable completion of funded work. Continue efforts across the UT system in pursuit of hypersonic research funded by DoD.

Long term Goals: 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 the recruitment of outstanding graduate students in aerospace and defense to the Space Institute and UT Knoxville campuses.

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

Status of the Chair of Excellence

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

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

University of Tennessee Martin, 2019-2020

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 (PhD in Agricultural Economics) serves as the Chairholder of the *Gilbert Parker Chair of Excellence in Food and Fiber*. The Parker Chair is charged with coordinating the Master of Science in Agriculture and Natural Resources (MSANR) 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: 2

- TN Governor's School for the Agricultural Sciences, TN Department of Education and TN Department of Agriculture (\$156,000)
- Midway USA Foundation Grant (\$8,000)

Publications & Conference Papers (2019-2020): 4

Presentations (2019-2020): 16

Graduate Students Mentored: (2019-2020): 4

Faculty Mentoring or Other Active Collaborations:

- Serving as Interim Dean of Graduate Studies at UT Martin (2019-2021)
- 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
- Graduated from Delta Leadership Institute Executive Academy
- Agriculture in Italy Planning Committee
- AGECE 110 Introduction to Agribusiness course for 15 TGSAS scholars in 2020
- Coordinator for the State Future Farmers of America (FFA) Farm Business Management Contest
- Co-Director of the Financial Management Boot Camp (with Dunagan Chair of Excellence)

Recommendations to Enhance the Effectiveness of the Program

- Continue service on planning committee for Mid-South Agricultural Finance Conference
- Recruit students to UTM graduate programs and direct student projects
- Expand and diversify undergraduate Agribusiness program and MSANR program 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

Supported Tennessee Jump\$tart (Financial Literacy)

- Served on Board of Directors for the statewide coalition
- Planned and actively supported the 2019 Convention for educational leaders and developed promotional materials
- Made presentations at the statewide conference to train teachers to teach entrepreneurship
- Continued to work with committee to develop curriculum for new Entrepreneurship track in Tennessee 4-H
- Served as a mentor and advisor in the Entrepreneurship Innovation Center Williamson County Schools
- Served as Task Force Member for Strategic Planning for HOPE of Martin Community Development Corporation of Martin

Presented paper at scholarly conferences:

- Chen, H. C., Cates, T. A., Cates, C., and Taylor, M. C. Southeast Decision Sciences Annual Conference, " The Effect of Information Technology Capability and Innovative Capability on Knowledge Management in Healthcare," Decision Sciences Institute, Savannah, GA.

Article accepted for publication:

- Chen, H. C., Cates, T. A., Cates, C., and Taylor, M. C. "Improving US hospital reimbursement: How patient satisfaction in HCAHPS reflects lower readmission" in its current form for publication in International Journal of Health Care Quality Assurance.

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