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# Chairs of Excellence

**Annual Report**

October 2017

Prepared by the Tennessee Higher Education Commission



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# 2016-17 Chairs of Excellence

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# **Tennessee Higher Education Commission**

## **Chairs of Excellence**

### **October 2017**

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The 2016-17 Chair of Excellence report fulfills a statutory requirement of the Tennessee Higher Education Commission to address the general status of the Chairs of Excellence program, the impact that the Chairs of Excellence program has had on higher education institutions and programs, and recommendations to enhance the effectiveness of the program (T.C.A. § 49-7-502.)

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

The following pages provides a chart of all positions by name, date established and current Chair Holder, followed by documentation of the current status, perceived impact by, and recommendations for each Chair of Excellence alphabetically by institution. As of October 2017, 19 positions are currently vacant and in some cases, efforts are underway to fill them. Overall, the Chairs of Excellence program have national and international reputations and continues 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 2017**

<b>Institution</b>	<b>Number of Chairs of Excellence</b>	<b>Number Filled</b>	<b>Percent Filled</b>
Austin Peay	4	3	75%
East Tennessee	8	8	100%
Middle Tennessee	10	7	70%
Tennessee State	2	1	50%
Tennessee Tech	2	2	100%
Univ of Memphis	24	21	88%
<b>Locally Governed Institutions</b>	<b>50</b>	<b>42</b>	<b>84%</b>
UT Chattanooga	10	7	70%
UT Knoxville	18	14	78%
UT Martin	3	2	67%
UT Health Science Center	19	16	84%
<b>University of Tennessee System</b>	<b>50</b>	<b>39</b>	<b>78%</b>
<b>Total</b>	<b>100</b>	<b>81</b>	<b>81%</b>

## Austin Peay State University, 2016-17

	Chair of Excellence	Date Established	Chair Holder
1)	Roy Acuff Chair of Excellence in Creative Arts	Mar 1986	Ms. Dorothy Allison
2)	APSU Foundation Chair of Excellence in Free Enterprise	June 1987	Dr. Robert Perry
3)	Harper-Bourne Chair of Excellence in Business	June 1987	Vacant (position will be advertised spring 2018)
4)	Lenore C. Reuther Chair of Excellence in Nursing	Sept 1993	Dr. Patty M. Orr

## Austin Peay State University Roy Acuff Chair of Excellence in Creative Arts

### Status of the Chair of Excellence

The Austin Peay State University Center of Excellence for the Creative Arts administers and oversees the use of endowment funds toward the *Roy Acuff Chair of Excellence in Creative Arts* since 1986. The Acuff Chair rotates between the four fine arts areas—Creative Writing, Music, Theatre/Dance, and Visual Arts—and has been filled each year with residencies by nationally and internationally famous artists since its inception. Ms. Dorothy Allison served as the Roy Acuff Chair of Excellence in Creative Arts from October 2016 through April 2017. Ms. Allison earned mainstream recognition for her writing with her 1992 novel *Bastard Out of Carolina*, which won the Ferro Grumley Prize, became an award-winning film, and was translated into over a dozen languages. Later, she was awarded the Robert Penn Warren Award for Fiction by the Fellowship of Southern Writers. Her 1998 novel *Cavedweller* became a *New York Times* Notable Book of the Year and a national bestseller before being adapted for the stage. Among other anthology inclusions, her collection, *Trash*, includes a story published in the *Best American Short Stories* series. Before serving as Acuff Chair, she served as a Distinguished Visiting Professor at Emory University in 2008 and was a Writer-in-Residence at Columbia University in 2016 and at Davidson College. .

### 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 to the campus renowned writers and artists to work with undergraduate and graduate students through master classes and mentorships. Ms. Allison met individually with selected student writers and led three writing workshops with dozens of student writers during her time on our campus. Her impact also reached the community at large through public readings on October 28, 2016, February 27, 2017, and April 24, 2017. The Center and/or departments host receptions with the Chairs in order to build recognition of the importance of the residency to the campus and community, but also to develop potential donors toward the endowment.

### 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 educational system.



## **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. Professor Robert Perry filled the Chair for 2016-17. He is a noted business leader last serving as the President of Nashville's Civic Bank. Before becoming President of Civic Bank, he established a successful law practice serving the citizens of Middle Tennessee. In his spare time, he is an active community leader helping businesses develop and grow. In his role of College of Business Executive in Residence, he engages students and guides them in career choice and life skills. He teaches Personal Finance and has a strong commitment to student success and engagement. Professor Perry's appointment also affords him contact with faculty and community to network students into internships and job opportunities.

### **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 will work to enhance high-quality entrepreneurial experiences for APSU students through competitions, community events, seminars, and internships. The impact of the Chair on these events and the students of APSU is multiplied through the network of community leaders involved in business startup, small business development, and consulting. The Chair, in conjunction with the College, will host events that build recognition for College programs and help to develop opportunities for potential donors to support the College.

## **Austin Peay State University Harper-Bourne Chair of Excellence in Business**

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

*The Harper-Bourne Chair of Excellence in Business* was created in 1987. It was made possible by a substantial gift to the University from Amelia Harper Lay Hodges, prominent Dallas humanitarian. The chair is currently vacant. This position will be advertised in the spring of 2018.

The Harper-Bourne Chair of Excellence was last held by Dr. Alan Smith in 2015. Dr. Smith is presently University Professor of Marketing in the Department of Marketing at Robert Morris University, Pittsburgh, PA. He has served as the Chair of the Department of Quantitative and Natural Sciences and Coordinator of Engineering Programs. He holds a PhD in Civil Engineering from The University of Akron and a PhD in Business Administration in Operations Management from Kent State University. He also served as the Director of Coal Mining Administration at Eastern Kentucky University. He is a prolific researcher with over 500 peer reviewed journal articles, numerous national presentations, and numerous book chapters.

### **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.

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

The Chair will work to enhance high-quality teaching experiences for APSU students. By engaging as a leader and research consultant, the Chair will inspire faculty members to discover unexplored topics and outlets. The impact of this master teacher and researcher upon the College, students, and faculty is multiplied by the Chair's reputation and ability to use his or her vast higher education network for the benefit of Austin Peay students and faculty. The Chair, in conjunction with the College, will host events that build networking and research skills to enhance the College's programs and develop a schema to develop a national reputation.

## **Austin Peay State University**

### **Lenora C. Reuther Chair of Excellence in Nursing**

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

Dr. Patty M. Orr continues to hold the *Lenora C. Reuther Chair of Excellence in Nursing* position. Dr. Orr brings extensive nursing research and publication experience to the School of Nursing having published 21 peer reviewed journal articles in nursing and medical international publications during her eight years of tenure. In July 2016, Dr. Orr presented research on diabetes outcomes with Dr. Shondell Hickson at the 27<sup>th</sup> International Research Congress in South Africa. During spring 2017 semester Dr. Orr was first author for an article titled “The role of pain classification systems in pain management” which was accepted for publication in *Nursing Clinics of North America*. She has obtained five separate grants and eight renewals while at APSU, totaling approximately \$335,000. These grants provide resources for faculty and students in executing diabetes and hypertension research and in providing breast health interventions for the community.

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

Through the Chair of Excellence, Dr. Orr has demonstrated a significant impact upon the APSU School of Nursing (SON), APSU and the health of the Clarksville community serving as a faculty mentor for research, publication and grant funding. Dr. Orr assisted Dr. Eve Rice in obtaining funding during spring of 2017 that studied the effect of nursing students reading age appropriate health care books with elementary school students and then executing the actions recommended in the books. She has written proposals for two additional grants focused on health care access in the community and affecting health care outcomes for patients with diabetes. The grant initiatives give APSU SON students and faculty the opportunity to practice in the community, drive health behaviors, and be recognized locally, nationally and internationally.

Dr. Orr serves as the Montgomery County representative to the Mid-Cumberland Regional Health Council. This council sets health goals for Middle Tennessee and develops action plans to achieve the health improvement measurements that indicate that the goals have been achieved. Dr. Orr is also serving as the Employment and Clinical Placement Opportunities co-chair for the Tennessee Doctor of Nursing Practice Statewide Taskforce.

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

The COE needs to have successful grant writing experience and be part of the Middle Tennessee community. The program will produce output of clinical research and demonstrate success in significantly impacting educational and health related outcomes for the SON, the University, Middle Tennessee community and the state. Experience in researching and envisioning innovative nursing care programs increases program effectiveness.

## East Tennessee State University, 2016-17

	Chair of Excellence	Date Established	Chair Holder
1)	AFG Industries Chair of Excellence in Business and Technology	March 1987	Dr. Andrew J. Czuchry
2)	Allen and Ruth Harris Chair of Excellence in Business	June 1988	Dr. Allan D. Spritzer
3)	Carroll H. Long Chair of Excellence in Surgical Research	June 1989	Dr. Race L. Kao (effective 2017-18 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 Excellence	Dec 1995	Dr. Mohamad J. Hajianpour
7)	Paul Dishner Chair of Excellence in Medicine	Nov 1989	Dr. Koyamangalath Krishnan
8)	Wayne G. Basler Chair of Excellence for the Integration of the Arts, Rhetoric, and Science	Jan 1995	Dr. Karl Hasenstein (spring 2017) (effective spring 2018 Dr. Liam Campbell)

# East Tennessee State University

## AFG Industries Chair of Excellence in Business and Technology

### Status of the Chair of Excellence

Dr. Andrew Czuchry has held the *AFG Industries Chair of Excellence in Business and Technology* since 1992. He has coauthored 110 peer reviewed articles; founded the ETSU Student Entrepreneurs' Club; and developed and taught seven graduate courses that form the core and electives for concentrations and graduate certificate programs in entrepreneurial leadership. Recently, he developed a Leading Innovation Management class. He has strengthened ETSU's partnerships with industry and the professional communities providing experiential learning opportunities for ETSU's graduate students while simultaneously helping our partners enhance competitiveness in today's global marketplace. His efforts have been recognized on the state level with the 2006 Ned R. McWherter Leadership Award and nationally and internationally with the 2012 Association for Global Business Award for his lifetime achievements in promoting global education in cooperation with business concerns.

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

During this reporting period significant progress was made in exploring opportunities to advance and expand ETSU's entrepreneurship program. Strategically these efforts were well aligned with the American Society of Engineering Education (ASEE) priorities. ASEE's focus is on project management, entrepreneurship and experiential learning as engineering programs are being restructured across the country.

Dr. Czuchry was lead author on three prestigious engineering education conference papers. The first two were strategically aligned with the second and third priority above: Czuchry, A., Craig, L., Lampley, J., "Experiential Learning in Teaching Innovative Engineering Entrepreneurship"; Czuchry, A., Lampley, J., Craig, L., Karnes, A., "Strategic Alliances May Become Key Success Factors for Enhanced Experiential Learning: A Conceptual Framework for Implementation". The third one was seminal work done with a large Fortune 500 company: Czuchry, A., Sr., Czuchry, A., Jr., "Lean Agility at Scale: A Role for Strategy in Determining Performance."

The Tennessee Chapter of the American Planning Association (TAPA) awarded a team of East Tennessee State University students coached by Drs. Czuchry and Moin Uddin the statewide TAPA Outstanding Student Project Award for 2016. This is an excellent example of the experiential learning component of ETSU's Graduate Program in Technology Based Entrepreneurship. The final presentation of the project was to the TDOT Commissioner John Schroer, several members of his staff, the mayors of Sullivan County and Kingsport, and several alderman.

### Recommendations to Enhance the Effectiveness of the Program

Explore opportunities to implement an undergraduate engineering entrepreneurship class.

## **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 ETSU College of Business and Technology (CBAT) and the regional business community through public service and assistance for local and regional economic development. The current holder of the Harris Chair is Dr. Allan D. Spritzer, a professor of management. Prior to his appointment to the Harris Chair, Dr. Spritzer served for 18 years as dean of the ETSU College of Business. During this time, he led the school to initial accreditation from AACSB International and developed strong and continuing working relationships with regional business and governmental leaders.

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

The Harris Chair continues to fulfill its mission, positively impacting ETSU, the region and the profession, thereby enhancing the reputation of the University and CBAT, regionally, nationally and worldwide. During 2016-2017, Dr. Spritzer provided active leadership on several volunteer community boards and committees including the Johnson City Development Authority (JCDA) for which he served as treasurer and executive committee member; the Downtown Johnson City Foundation; and the Northeast Tennessee Economic Development Corporation (NETEDC), a division of the First Tennessee Development District. During the reporting year, Dr. Spritzer continued to serve on the Washington County Tax Equalization Board. This five-member board heard numerous citizen appeals following a 40 cent County property tax increase. Other examples of mission-related activities during 2016-2017 include Dr. Spritzer's activities with JCDA and the City of Johnson City to undertake and support revitalization projects in downtown Johnson City, and the review and approval of low interest loans for regional business development and expansion funded by the NETEDC. He served on ETSU's Academic Portfolio Review Committee, appointed by President Brian Noland and as Hearing Officer for the University in a Tennessee Administrative Procedures Act appeal of a case of alleged sexual misconduct involving two ETSU students.

After 16 successful years of leadership of AACSB International's three-day annual New Deans Seminar, Dr. Spritzer was honored. During the reporting year, he continued his volunteer service as AACSB Pre-Accreditation Mentor for the University of Macau (China) business school. Finally, Dr. Spritzer led a professional development session at the 2017 annual Summer Workshop of the Southern Business Administration Association on the topic, "Exit Options for Successful Business Deans."

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

The Harris Chair continues to make progress on his goal to increase scholarly contributions.

## **East Tennessee State University Carroll H. Long Chair of Excellence for Surgical Research**

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

Announced in 1989, the *Carroll H. Long Chair of Excellence for Surgical Research* is charged with increasing the number of ETSU staff and resident surgeons engaged in scientific research, providing consultation services to researchers in other clinical departments, supporting the teaching activities of the Department of Surgery, and identifying areas of available funding for research projects. Since 1992, Dr. Race L. Kao, Professor of Surgery, has served as the Chair Holder.

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

Heart failure afflicts four million Americans and causes nearly 400,000 deaths each year. Dr. Kao has developed an innovative procedure called cellular cardiomyoplasty by using one's own stem cells to rejuvenate the failing heart and restore cardiac function. He published review paper and research papers during 2016-17. This research has been supported by grants from the National Institutes of Health (NIH) and American Heart Association (AHA).

Trauma-hemorrhage is the most common cause of morbidity and mortality in immediate survivors of unintentional injuries. Dr. Kao has developed an effective therapy to sustain life and enhance recovery for trauma-hemorrhage. He published peer reviewed papers and research papers during 2016-17. This work also supported by grants from NIH and AHA.

Dr. Kao published four peer reviewed scientific papers plus eight scientific abstracts and/or presentations during 2016-17 with other faculty members, residents and students. Three out of the eight abstracts are award winning abstracts at different scientific meetings. He serves on councils of AHA and on the editorial boards for three journals and invited to serve on another two, is a member of many scientific associations, scientific advisory boards, and boards of directors. He also serves as a reviewer for more than a dozen of scientific journals and review research projects.

Dr. Kao teaches and mentors undergraduate and graduate students, exchange scholars and residents. In addition, he teaches suture workshops for medical students, research for surgical residents, and assists other faculty members in research. His teaching and service are highly significant at the department, college, and university levels. Dr. Kao submitted one NIH grant during 2016-17.

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

Dr. Kao retired at the close of the academic year and the recommendations to enhance the effectiveness of the program will be best determined by the new chair holder, Dr. David Williams.

## East Tennessee State University

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

#### Status of the Chair of Excellence

Dr. Ronald C. Hamdy, is the Chair-holder of the *Cecile Cox Quillen Chair of Excellence in Geriatrics and Gerontology*. In the past year he maintained and enhanced the national, international reputation and visibility of the Chair. The Royal College of Physicians, London, invited him to join the Geriatric Medicine, Specialty Examination, Multiple Choice Questions Writing Group. The Council of the Geriatric Medicine Section of the Royal Society of Medicine, London elected him as President-Elect of the Section. He is Editor of the peer-reviewed *Gerontology and Geriatric Medicine Journal* and Editor-in-Chief of the *Journal of Clinical Densitometry (JCD)*. During his tenure, the Impact Factor of the *JCD* increased from 1.2 in 2011 to 3.24 in 2016.

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

Dr. Hamdy is involved in several activities at ETSU. He is changing the format of the Geriatric Medicine Grand Rounds with the goal of developing a repository of recorded Grand Rounds on a wide variety of issues relevant to Geriatric Medicine. These Grand Rounds also will be broadcast at regular intervals to encourage an interactive approach. Electives are also offered to medical students and residents. The Chair runs the Osteoporosis Clinic and DXA Center. The Chair is also involved in the Curriculum Review Process and is a member of the IRB.

The Chair is active in research. In collaboration with Dr. R. Mohesni (Chemistry) and Dr. Seier (Mathematics), a study on the biodegradation of vitamin D by sunlight has been completed and the statistical analysis started. In collaboration with Dr. A. Clark (Allied Health) the practical work and preliminary statistical analysis on the potential use of the bone mineral density at different sites of the radius to diagnose osteoporosis was completed. In collaboration with Dr. A. Kinser and P. Cronin (Communication & Performance), a series of papers on the management of aberrant behaviors in patients with dementia is underway. Several educational programs have been developed and favorably received. The Chair continues to develop a self-study, structured, modular case-based program on osteoporosis. A number of educational programs entitled "Successfully navigating old age" specifically geared to the lay public have been held in 2016-2017.

In 2016-2017, the Chair published three original papers, two research papers and five editorials in peer-reviewed medical journals. In addition, the final manuscript on the study: *The impact of including BMD/T-scores to the FRAX score to assess fracture risk*, is about to be submitted for publication.



## Recommendations to Enhance the Effectiveness of the Program

- Continue/expand the work on biodegradation of vitamin D.
- Expand programs on geriatric medicine, osteoporosis, and dementia.
- Maintain/enhance national and international high profile of the Chair.

## **East Tennessee State University** **James H. Quillen Chair of Excellence in Education**

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

Dr. Aimee Govett, professor of science education in the Department of Curriculum and Instruction (CUAI), serves as the Quillen Chair of Excellence in Education with a focus on STEM (science, technology, engineering, and mathematics) education. She works closely with the ETSU Center of Excellence in Mathematics and Science Education (CEMSE) which supports the advancement of PreK – 20 STEM education through direct services, technical assistance, partnerships, research, leadership, institutes/workshops, and as an information conduit providing standards-based resources to schools, districts, teachers, and community members.

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

Dr. Govett hosted a well-attended regional conference, Conference for the Mid-Atlantic Association for Science Teacher Educators (MA-ASTE) at the Edgewater Hotel and Conference Center, Gatlinburg, Tennessee, September 22-24, 2016. The Quillen Chair sponsored nine STEM graduate students to help plan, facilitate and participate at this conference.

Total grant funding awarded since tenure as Quillen Chair is \$4,283,101. Dr. Govett has been Co-Principal Investigator on three National Science Foundation (NSF) grants (“Science First”; “Northeast Tennessee Robert Noyce Scholarship Program” and “Virtual Ecology: An Inquiry-Based Online Learning Environment”) as well as one THEC funded grant (“Incorporating Active Learning into Life Sciences Teaching”). Dr. Govett has three pending NSF Grant Proposals: (1) NSF Robert Noyce Teacher Scholarship Grant entitled “Noyce East Tennessee STEM Teacher Recruitment (NETSTR)”—Funding requested \$ \$1,192,668; Submitted: August 29, 2017. (2). NSF CAREER grant entitled “Integrated Watershed Dynamics: bridging the gap between water hydrology and public health” – Funding requested \$510,000, Submitted July 15, 2017. (3) NSF ITEST grant entitled “Sustained Technology Intervention in a Rural and Underserved Population (STIR-UP)”—Funding requested \$300,000; Submitted: August 8, 2018.

As the Quillen Chair, Dr. Govett has supported local after-school and summer STEM projects by providing facilities, materials, and graduate students in addition to assisting with grant writing (CCLI – 21<sup>st</sup> century Community Learning Centers (CCLI and Insight Team) and Lottery for Education: Afterschool Programs -LEAPs).

Through the Quillen Chair, Dr. Govett has hosted two ETSU Mathematics Teacher Candidates to the TMTA and (MT)<sup>2</sup> Teachers Conference, held in Nashville, Tennessee in November 2016. She has visited 21 classrooms in various departments on the ETSU Main Campus (Chemistry; Biology; Physics; Mathematics; and Technology Engineering) as a recruiting effort for the Master of Arts in Teaching Program. This has yielded an increase in the number of STEM Teacher candidates.

## Recommendations to Enhance the Effectiveness of the Program

Dr. Govett will continue to submit proposals at the national and state levels for funding of STEM related projects to benefit both ETSU and the surrounding community. She will continue hosting graduate students for attendance and submission of research proposals at professional STEM conferences. Dr. Govett will continue to teach and serve the CUI department in the Clemmer College of Education as the program coordinator and advisor for the Teacher Academy for the Master of Arts in Teaching degree.

## **East Tennessee State University LeeAnne Brown Chair of Clinical Excellence**

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

The *LeeAnne Brown Chair of Clinical Excellence* was established as part of the first clinical genetics service developed in the region with the mission to serve all patients regardless of age, in all subspecialties with inherited disorders/ genetic conditions. Major areas of practice are Perinatal, Neonatology, Pediatrics, Adults, Prenatal/Ob-Gyn, Oncology, Genetics and Genomics. Dr. MJ Hajianpour, the current chair holder and chief, Division of Medical Genetics, is a Professor 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 25 years. He came to ETSU from the University of Iowa, Department of Pediatrics/ Medical Genetics where he was an associate professor of Medical Genetics, providing clinical genetics and clinical cytogenetics services. He was the associate director of the Molecular and Cytogenetics Laboratory and director of the clinical cytogenetics Fellowship program, which he established. He previously worked in southern California, providing medical genetics services to community physicians and hospitals including Children's Hospital of Los Angeles.

In the next 5-10 years, Dr. Hajianpour plans to establish, a comprehensive genetic program in East Tennessee, and neighboring areas of Virginia and Kentucky. Other than clinical services, the program will later provide fellowship training program in clinical genetics and molecular genetics/ cytogenetics. The related Genetic Diagnostic and Research laboratories will follow. Clinical research, case reports and publication are always part of the program.

The center is assigned as one of the follow-up sites for the State's Newborn Screening Program. Dr. Hajianpour is currently a member of the Genetics Advisory Committee (GAC) for the State of Tennessee. It is also in the plan to provide genetic services to the rural areas through TeleGenetics. The satellite clinics will be started if needed.

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

- Expand publicity to include mailing, media programs and news releases (on-going).
- Dr. Hajianpour to travel and meet other medical facilities and physicians in the area
- Improve dissemination via dedicated ETSU websites. Improve means of communication.
- Add Genetic Counselor (s)/ Genetic Nurse Practitioner (s), Genetic Nurses (s), as the services expand in different areas of medical genetics, such as Prenatal Genetic, Cancer Genetics (A Genetics Nurse is hired. Interviews for Nurse Practitioner in progress).
- Add Medical Geneticist/ Biochemical/ Metabolic Geneticist as the program expands.
- Participate in clinical research in cooperation with existing programs: In-process.

- Follow the guidelines by the State of Tennessee Genetic Advisory Committee in expanding genetic services in East Tennessee in order to be qualified for additional funding by the State (The State funding is increased close to 100 percent for the next 3-year contract starting July 2017 for our expanded genetic services).
- Starting Regional Genetic Conditions Database, with future statewide, nationwide and world-wide expansion: In progress.

## **East Tennessee State University Paul Dishner Chair of Excellence in Medicine**

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

Established in 1989, the primary focus of the *Dishner Chair of Excellence in Medicine* is to enhance research efforts in the Quillen College of Medicine. Dr. Koyamangalath Krishnan, the current chair holder since 2006, is a Professor of Medicine, Department of Internal Medicine. He is also Director of Scholarship for the Internal Medicine Residency and Fellowship Programs and leads the Oncology research efforts. In this role, the Chair has worked to support the departmental research activities, enhance collaborative research, supervise student learning in research, and enhance institutional recognition.

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

Dr. Krishnan has been involved collaboratively with laboratory and patient-centered research in and is actively involved in providing opportunities and mentoring for trainees in the Department of Medicine and in the College of Medicine. The published papers reflect collaboration with the Department of Pediatrics in the Quillen College of Medicine, the Gatton College of Pharmacy and Department of Family Medicine. The main focus of the Dr. Krishnan's laboratory research has been the study of mechanisms of cancer preventive drugs and thus contributing to the mechanistic development of these promising chemo-preventives for clinical study. His current focus in the laboratory is on understanding the anti-cancer mechanisms of promising cancer preventive drugs like tocotrienols, statins and metformin. Unique mechanisms of action of tocotrienols, statins and metformin have been identified in the laboratory including modulation of the ceramide and sphingolipid synthesis, transport and distribution by tocotrienols and metformin. His research efforts have led to several positive developments, including improvement in the publication quality in the Department of Internal Medicine, fostering a multidisciplinary effort in Vitamin E research.

Recently, a state of the art image analyzer acquired through endowed funds was opened to the research community as a core facility of the Department of Medicine. The In- Vivo Xtreme Imaging System (Bruker BioSpin Corp., Billerica, MA) is an optical and X-ray small animal imaging system that can noninvasively view and measure the levels of optically tagged molecules in a live animal.

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

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

# East Tennessee State University

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

### Status of the Chair of Excellence

The *Wayne G. Basler Chair of Excellence for the Integration of the Arts, Rhetoric, and Science* was established in 1994-95 and is named for an individual who had supported the university over many years. It is a rotating position held for one semester per academic year, allowing a number of individuals from a variety of fields to participate over time to bring together faculty and students from across the sciences, the arts, and the humanities.

Chair Holders 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 12 to 18 months in advance of coming to ETSU by a standing Basler Chair Selection Committee in the College of Arts and Sciences through nominations from the faculty based on how the individual would contribute to the interdisciplinary nature of the position.

In spring 2017, Dr. Karl Hasenstein, Endowed Professor and Regents Professor of Sciences in the Department of Biology at the University of Louisiana at Lafayette served as our Basler Chair.

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

The Basler Chair of Excellence has been filled every year since 1996 with internationally-acclaimed scholars in fields ranging from art, music and theatre to mathematics, biology and astronomy, and history and broadcasting.

Dr. Hasenstein is a world-renowned gravitational plant biologist with wide-ranging interests in the sciences and arts. He taught special topics classes in Astrobiology, he delivered four public lectures, and he interacted with faculty and students in a number of departments.

### Recommendations to Enhance the Effectiveness of the Program

The rotating nature of the Basler Chair allows ETSU to bring scholars from many fields to campus. As noted previously, it is often difficult to attract outstanding scholars for a full semester. ETSU will continue to consider both semester-long and shorter-term appointments.

## Middle Tennessee State University, 2016-17

Chair of Excellence	Date Established	Chair Holder
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) Adams Chair of Excellence in Health Care Services	June 1987	Dr. Martha Jo Edwards
4) National HealthCare Chair of Excellence in Nursing	June 1988	Vacant since 2008
5) Robert E. and Georgianna West Russell Chair in Manufacturing Excellence	June 1988	Dr. Charles Perry
6) Katherine Davis Murfree Chair of Excellence in Dyslexic Studies	June 1988	Dr. Timothy Odegard
7) Mary E. Miller Chair of Excellence in Equine Health	June 1995	Dr. Holly Spooner
8) John C. Miller Chair of Excellence in Equine Reproductive Physiology	June 1995	Dr. John Haffner
9) Jennings and Rebecca Jones Chair of Excellence in Urban and Regional Planning	March 1997	Vacant since June 2008
10) Joey A. Jacobs Chair of Excellence in Accountancy	June 2013	New Chair of Excellence



# Middle Tennessee State University

## John Seigenthaler Chair of Excellence in First Amendment Studies

### Status of the Chair of Excellence

The *John Seigenthaler Chair of Excellence in First Amendment Studies* was instituted in 1986 to honor Mr. Seigenthaler's lifelong commitment to free expression values. Mr. Seigenthaler, longtime president, editor and publisher of *The Nashville Tennessean*, remained chairman emeritus of that newspaper until his death in July 2014. 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 scholar on the First Amendment and fund programmatic activities. Our goal is to increase the endowment over the next few years to an amount sufficient to do both. Professor Deborah Fisher, the director of the Chair and a 25-year veteran journalist, plans, coordinates and executes programs to enrich the understanding of the First Amendment by MTSU students and the surrounding community.

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

Significantly, Professor Fisher acquired the rights to the two-volume *Encyclopedia of the First Amendment* and completed a new *First Amendment Encyclopedia* website during the 2016-2017 academic year. The website was announced nationally on Sept. 17, 2017 (Constitution Day) and is the largest, most comprehensive online resource devoted entirely to the history of the First Amendment. More than 1,400 articles from the original encyclopedia, published in 2009, were transferred into a searchable database. Resources include summaries on U.S. Supreme Court cases, historical figures and major events important to the development of the First Amendment, and key concepts and terms. The project team included scholars who served as editors on the original encyclopedia, and several MTSU journalism students.

Additionally, as chair, Professor Fisher:

- Continued its speaker series with a fall and spring lecture featuring Pulitzer winners in the National Reporting category (2016 and 2009).
- Organized a "Free Speech on Campus" panel discussion about the First Amendment, free speech and academic freedom with nationally known speakers.
- Sponsored students in a for-credit traveling feature writing class in partnership with news organizations across the state.
- Supervised MTSU media students who produced coverage of the Bonnaroo Music and Arts Festival.
- Co-sponsored a lecture and discussion featuring civil rights figure Diane Nash on Constitution Day.

## Recommendations to Enhance the Effectiveness of the Program

The chair will offer relevant programs and provide hands-on opportunities for students:

- continue Pulitzer Prize speaker series;
- host a “Future in Journalism Education” roundtable with academic and news media leaders to discuss pressing needs in journalism higher education;
- develop new program materials for educators to teach the First Amendment; and
- provide professional experiences for journalism students to improve understanding of the First Amendment.

# Middle Tennessee State University

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

### Status of the Chair of Excellence

The *Jennings A. Jones Chair of Excellence in Free Enterprise* was established for the purpose of promoting and developing an increased understanding of the free enterprise system to make students and area residents more knowledgeable about the forces which shape their lives and the well-being of this country. The Chair has been held in a contractual relationship rather than as a faculty position. Ambassador Joe M. Rodgers was the initial Chair Holder from 1986-1999. Professor Aubrey B. Harwell, Jr. is the second and current Chair Holder.

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

Professor Harwell along with First Tennessee Bank and the Rutherford County Chamber of Commerce co-hosted a fall conference entitled "21<sup>st</sup> Century Work that Matters" at the Embassy Suites Hotel in Murfreesboro. The emphasis of this year's conference was discovering your passions and transformational leadership. Keynote speakers included Wes Moore and Jessica Turner.

The Jennings A. Jones College of Business honored real estate professionals Ann David and Ann Hoke 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. Award recipients are role models whose business, professional and personal achievements are recognized and should be emulated. David Hoke's passion for residential real estate began over 30 years ago when he was the Nashville partner in a regional land development company. His background includes 12 years of domestic and international marketing experience with David Weekley Homes, Proctor & Gamble and AMSCO International. Associated with Ann Hoke & Associates, he is also the broker of HomeFront Properties, a firm that manages investor-owned residential properties.

Since launching her real estate business with Keller Williams in 2005, Ann Hoke has become a top producer who consistently ranks among the upper one percent of her peers. She is listed on the REAL Trends Top 250, the industry-wide list, honoring the best real estate teams across the U.S. She serves on the board for the Rutherford County Area Habitat for Humanity.

### Recommendations to Enhance the Effectiveness of the Program

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

## **Middle Tennessee State University Adams Chair of Excellence in Health Care Services**

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

The *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. The Chair Holder, Dr. Martha Jo Edwards, develops these partnerships and monitors population health and health workforce issues.

Dr. Edwards has held the Adams Chair of Excellence in Health Care Services since 1992, and until December 31, 2015 also served as a tenured MTSU graduate faculty member. She retired from the faculty and as founding Director of the Center for Health and Human Services (CHHS) as of that date. Under her direction the CHHS received funding for and managed projects totaling over ten million dollars. The Center for Health and Human Services is now managed through the College of Graduate Studies and the Office of Sponsored Research, and Dr. Edwards continues to provide guidance as the projects transition to the new administration. The Chair reports to the Dean of the College of Behavioral and Health Sciences.

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

Dr. Edwards has been awarded post retirement status and continues serving as the Adams Chair of Excellence in Health Care Services. Through collaborations and partnerships, she initiates, facilitates, and disseminates research and health-related information and provides outreach programs and projects designed to improve Tennessean's health, with a major focus on health workforce issues. She maintains visibility, representing MTSU and the Adams Chair on various boards and committees in the state and community.

She serves on the state Health Skills Panel, the Tennessee Rural Health Partnership Board, the Primary Care HOPE Clinic Board of Directors, the Dean and Directors of Allied Health of Tennessee, the Board of Directors of the Tennessee Institute of Public Health, supports the committees that develop the State Health Plan, the Tennessee Hospital Association Workforce Board and local Chamber of Commerce monitoring the allied health workforce.

Dr. Edwards sits on three editorial review boards, including one international journal, and she is frequently called upon by institutions in the US and abroad as a consultant in health care services.

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

Increase the visibility of the activities and the mission of the Adams Chair of Excellence in Health Care Services.

## **Middle Tennessee State University National HealthCare Chair of Excellence in Nursing**

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

The *National HealthCare Chair of Excellence in Nursing* is an endowed professorship established through a major gift from the National HealthCare Corporation to: 1) promote the collaborative relationship between the National HealthCare Corporation and the MTSU School of Nursing; 2) recruit geriatric nursing experts of national stature to the nursing faculty at MTSU; 3) promote the development and integration of geriatric nursing and geriatric research at MTSU; 4) provide a source of expert consultation for the nurses and administrators of NHC and other clinical agencies in the Middle Tennessee region and 5) promote the national visibility of the MTSU School of Nursing. The position was held by Dr. Suzanne Prevost from August 1998 – August 2008.

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

The Chair of Excellence position has been vacant since August 2008. A Chair Holder in this position would be expected to obtain external grants; continue involvement in professional nursing organizations, both national and international; and to participate in health-related projects with the National HealthCare Corporation Headquarters and other community organizations.

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

There have been no suitable applicants as of this writing. A strategic hiring plan will be developed this academic year to further the mission of the Chair. Additional funds are needed to be added to the corpus of this account to maintain this position.

# **Middle Tennessee State University**

## **Robert E. and Georgianna West Russell Chair in Manufacturing Excellence**

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

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

The Chair works with undergraduate and graduate programs to assist in the matching of students into the workforce by improving curriculum areas and increasing the dialog between industries and education regarding employment needs. Dr. Charles Perry has been the Chair Holder since March 2004.

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

Dr. Perry has been granted an exclusive license from MTSU to commercialize all his innovations in hybrid powertrain technology. The license is granted to Three Cross Holdings, LLC in which Dr. Perry is Chief Technical Officer. This activity includes developing a research and development relationship with Jim Hendershot, Motorsolver, LLC to build prototypes of new motor designs as part of his activities with Three Cross Holdings, LLC. In collaboration with Mr. Hendershot, Dr. Perry has designed an innovative dual stator radial flux motor for both D.C. Brushless and Switched Reluctance applications. Dr. Perry and Mr. Hendershot are currently building a prototype of the new motor to be completed by the end of 2017 as the first stage in commercialization. To date, Dr. Perry has had four U.S. Patents in hybrid powertrain design issued and four more Patents are pending.

Dr. Perry is leading in the development of a system to connect companies with students for internship positions. A major portion of this effort is working with the Manufacturing Leadership Council. Dr. Perry is also developing a Workshops for Industry Seminar program in which advanced topics in manufacturing are presented by experts in the field for manufacturing development and engineering employees.

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

- Hold at least one annual meeting for COE exchange/interaction.
- Increase the visibility of COE's activities through University publications.

## **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 as a professorship in the College of Education for the purpose of building public awareness about the nature of dyslexia and about promising approaches to diagnosis and intervention; enhancing the skills of teachers, school psychologists, and parents to more effectively identify and assist dyslexic students; 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. In addition, he holds an appointment as Professor of Psychology.

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

During his first full year as Chair, Dr. Odegard positively impacted initiatives outlined for the Chair. He continued the efforts of the Center for Dyslexia to provide two monthly workshops that are attended by teachers and parents (120 participants) that cover topics related to dyslexia and reading. He led the development of new professional learning content in the area of dyslexia and reading instruction delivered to 1,486 educators across the state through 26 in-service workshops provided by Center for Dyslexia provisional staff. These efforts expanded the number of in-service workshops provided and the total number of educators who received services from the Center. Furthermore, Dr. Odegard oversaw the development of workshops provided to 330 educators from across the state on the MTSU campus. In a partnership between the Center for Dyslexia and the Center for Educational Media, the contents of the workshops were captured and shared through the Center for Educational Media's video systems. Collectively, these teacher training efforts strengthened existing relationships and forged new relationships with 57 school districts. Finally, Dr. Odegard developed several research projects related to reading and dyslexia, in partnership with MTSU faculty in Psychology and Literacy Studies, collaborators at Texas Scottish Rite Hospital for Children, University of North Texas Health Science Center and University of Texas Permian Basin.

## Recommendations to Enhance the Effectiveness of the Program

The Chair will continue to lead the efforts of the Tennessee Center for Dyslexia to provide services to the state as described above. In addition, he will work with College of Education faculty to identify possible paths to a terminal degree that has a concentration in dyslexia, reading disabilities, and reading interventions. Existing lines of research and work to secure the financial resources needed to develop facilities for neurophysiological studies of reading and reading disabilities will be pursued. Given that dyslexia is a neurobiologically based specific learning disability, the Center needs to expand its capacity to meet its mandate to conduct research into the causes of dyslexia. The chair will work with ITD to develop a secure database to house the Center's existing data collected from children across the state. The database will provide the capacity to develop reports for stake holders, research reports for publication in peer reviewed research journals, and pilot data needed to support grant proposals to secure funding from external sources to support research efforts.



## **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 Chair Holder 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 will be 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**

Since her arrival in 2012, Dr. Spooner continues to make an impact on the Horse Science Program. She instructs several undergraduate and graduate courses in her area of equine exercise physiology as well as in stable management, events management, and equine evaluation and selection. Dr. Spooner is the Graduate Director for the M.S. in Horse Science program and is currently chairing the graduate committee for seven M.S. students and serves on the committee of four additional students.

Dr. Spooner continues to have high research productivity. She investigates the use of vibration therapy for improving bone density in the equine athlete, as well as its influence on biomechanics, and conducts research into the long-term impact of furosemide administration, a controversial topic in the racing industry. Dr. Spooner has recently investigated the perception of owners and participants on welfare practices in the stock horse discipline and is currently investigating factors influencing youth involvement in the horse industry. Dr. Spooner and her graduate students recently presented four abstracts to the 2017 Equine Science Society Symposium, where she was also named the Equine Science Society's 2017 Outstanding Young Professional.

Dr. Spooner provides key industry leadership, serving on the board of the Tennessee Stock Horse Association, TN Pony of the Americas Club, the AQHA Equine Research Committee, and as a Director of the American Youth Horse Council. Dr. Spooner also coaches the MTSU Stock Horse team, 2017 ASHA Division II Reserve National Champions. She was selected by the American Quarter Horse Association to instruct International Horsemanship Clinics in both 2015 and 2017, with outreach to six countries.

#### **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 ABVP (Eq), has held the Clinical Specialist Equine Reproduction position since January 2012.

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

A veterinarian in residence to teach, conduct research, and serve as a resource for the equine industry for our nationally recognized equine program is an invaluable asset. Dr. Haffner teaches equine reproduction and breeding along with other courses in animal welfare and equine health. He is the advisor to the MTSU Pre-Veterinary Society.

Dr. Haffner serves as the Attending Veterinarian on MTSU's Institutional Animal Care and Use Committee. He has developed a working relationship with scientists at Boehringer Ingelheim Vetmedica Inc. who has funded research projects, and discussion is under way for more studies. Dr. Haffner presented an abstract from the latest work at the American College of Veterinary Internal Medicine annual meeting this year. 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 on an annual basis to teach and conduct research. In August 2016, he took a teaching trip to Mongolia in accordance with a memorandum of understanding between MTSU and the Mongolian School of Veterinary Medicine where he holds a position of Adjunct Professor.

### **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 Chair Holder 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 Chair Holder and activities of significance. Therefore, the strategy is to employ a short-term Chair Holder and utilize the remaining funding for programmatic activities. The last Chair Holder was the well-known architect, Professor Earl Swensson. He held the position from 1999-2008.

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

The Chair of Excellence position has been vacant since 2008. Due to the absence of a Chair Holder, no activities were provided for 2016-2017. Unspent recurring funds for 2016-2017 (~\$77,000) are to be returned to increase the corpus and enhance the possibility of hiring and maintaining a new Chair Holder and providing activities and programs for the Chair. Recurring funds have increased from ~\$60,000 in 2013-2014 to ~\$77,000 in 2016-2017.

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

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

# Middle Tennessee State University

## The Joey A. Jacobs Chair of Excellence in Accounting

### Status of the Chair of Excellence

The *Joey A. Jacobs Chair of Excellence in Accounting* was approved by the Tennessee Board of Regents in June 2013. The role of this new Chair is to provide a national and international presence for MTSU in the field of accounting through its support of the University's degree programs in Accounting. The Chair Holder will be a person widely recognized for expertise in the field of accounting. It is expected that the Chair will contribute significantly through outstanding academic, professional, and business activities to the teaching, research and scholarly activity, and service missions of the Department of Accounting, the Jennings A. Jones College of Business and the University.

In March, 2017, the Tennessee Higher Education Commission reviewed and approved funding for the Joey A. Jacobs Chair of Excellence in Accountancy. MTSU institutional matching funds in the amount of \$2.5 million were transferred to the Chairs of Excellence Trust in May, 2017. The Joey A. Jacobs Chair of Excellence in Accounting trust has been funded.

The job search will begin this academic year with the hopes of filling the position by 2018-19.

## Tennessee State University, 2016-2017

Chair of Excellence	Date Established	Chair Holder
1) Frist Chair of Excellence in Business	July 1992	Dr. Stephen B. Shanklin
2) Chair of Excellence in Banking and Financial Services	March 1998	Search in progress

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## **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 CGMA certification from the AICPA and CIMA in Great Britain. Prior appointments include University of Southern Indiana, University of Tennessee at Martin, Lane College, Lambuth University, and Washington University – St. Louis.

Dr. Shanklin has published numerous refereed journal articles and conference proceedings as well as the development and editing of the instructor materials and testing supplements for two editions of an Advanced Financial Accounting text currently in extended use. Further contributions include keynote addresses and facilitator roles at the Ruck Leadership Institute at the University of Richmond and the College of William & Mary since 1997.

More recent service engagement includes: (1) Consulting Service for Underserved Communities in Middle Tennessee in association with the Massie Chair of Excellence at Tennessee State University; (2) Development of a Website to Assist Members of the Public Purchase Health Insurance, State of Tennessee Department of Commerce & Insurance; and (3) Assessment of Parking of the Inner Business Core of Evansville, Indiana for the City of Evansville.

Professional experience in the private sector includes 26 years of consulting in the areas of insurance and risk management. In this professional capacity, Dr. Shanklin led arguments in cases before the AICPA Emerging Issues Task Force in Washington, D.C. regarding the tax treatment of contingent revenues in financial accounting practice.

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

Serving as the Frist Chair Professor, Dr. Shanklin continually seeks to capitalize on the dynamic economic growth of the greater Nashville area to produce opportunities for synergy in academic research that impacts accounting theory, practice, and professional accounting education simultaneously. Additionally, the Frist Chair focuses its efforts on further nurturing the valuable relationships of the College of Business with core stakeholders in the accounting and business professions, both locally and nationally.

Plans were begun by the Frist Chair of Excellence during the 2016-2017 Academic Year to form an Accounting Institute at TSU to serve as a professional development venue for students entering the Accounting profession, especially those from under-represented demographic groups. Working collaboratively with the Howard University Center for Accounting Education,

headed by Professor Frank Ross, an inaugural symposium is scheduled for spring 2018 in Nashville. The symposium is being marketed to accounting programs across the country and will feature workshops and seminars addressing critical leadership and professional skills necessary for success in the accounting profession.

## **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 Chair Holder was last filled by Dr. Jerry Crigger from August 2012 to May 2014. Dr. Crigger has a career in banking and education spanning more than 40 years. His banking career included responsibilities of leadership for commercial and corporate banking, retail banking, and as senior credit officer for multi-state regions of two top twenty banks. The Chair is presently vacant.

A search was conducted for a permanent Chair Holder during the 2016-2017 Academic Year. No acceptable candidate was identified. Another search will be conducted during the 2017-2018 Academic Year.

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

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

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

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



## Tennessee Technological University, 2016-17

Chair of Excellence	Date Established	Chair Holder
1) William E. Mayberry Chair of Excellence Business Administration	1990	Dr. Curt W. Reimann
2) Jesse E. Owen Chair of Excellence (Emerging Technologies, System Management, IT Human Resources and Strategic Management)	1988	Dr. Tor Guimaraes

# Tennessee Technological University

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

### Status of the Chair of Excellence

The mission of the *William E. Mayberry Chair of Excellence* in Business Administration is to increase awareness and enhance 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, and disseminates findings via a newsletter and other publications, a Mayberry Lecture Series, Graduate Assistants, class participation, and bringing business and education leaders to TTU. Chair participants also collaborate with other COB and TTU units to promote use of modern performance-management practices in TTU and regional programs. Established in 1990, Dr. Curt Reimann serves as the current Chair holder.

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

- The Chair has supported about 25 Graduate Assistants, directly involving them with Tennessee and National programs and with leaders in all economic sectors.
- The Chair's Board, Mayberry Lecture Series, and outreach activities have brought about 35 national leaders to COB for formal and informal interactions with COB students and faculty.
- The Chair Newsletter series tracks and reports on trends in performance management and seeks to apply key findings to business education curricula, programs, and accreditation. The most recent (2016) Newsletter focuses on Integrating Quality and Innovation in Business Education.
- The Chair has collaborated with the TTU College of Engineering, and with TTU's School of Interdisciplinary Studies, including in programs supporting regional economic development. The Chair has also served TTU's iCube program.
- The Chair holder, Dr. Curt Reimann, maintains involvement with NIST's National Programs in Quality and Manufacturing Extension.

### Recommendations to Enhance the Effectiveness of the Program

Continue Chair strategic planning to help ensure that TTU/COB keep pace with rapidly changing development in modern performance management, especially the very critical area of integration of quality and innovation, with applications to regional outreach. The strategy should focus on key applications to curricula, TTU Programs such as iCube, and TTU/COB accreditation.

**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**

Established in 1988, the focus of the *Jesse E. Owen Chair of Excellence* is in Management of Technology in various areas such as Health Care, Banking, Public Administration, IT Management, and Manufacturing. Its mission is to conduct research projects to discover and validate new practical knowledge; use this knowledge to enhance undergraduate and graduate teaching; and provide service to the university, and the profession. An integral part of this chair is to promote TTU's image throughout the world through publications and presentations. The current Chair Holder is Dr. Tor Guimaraes.

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

Dr. Tor Guimaraes has been actively working on several research projects, serves on the editorial board, reviews manuscripts upon request for many professional journals, and provides advice on research projects by other researchers throughout the world. His research for this year includes:

**Publications (2016-17):**

- Guimaraes, T., Thielman, B., Guimaraes, V. C., & Cornick, M., "Absorptive Capacity as Moderator for Company Innovation Success", *International Journal of the Academic Business World*, (Published), AIS, Volume 10 Issue 2, pp. 1-18, 2016.
- Guimaraes, T., Paranjape, K., Cornick, M., Armstrong, C., "Empirically Testing Factors Increasing Manufacturing Product Innovation Success", *International Journal of Innovation and Technology Management*, (Accepted), AIS.
- Ballou, D., Huguenard, B., Nagy, B., Armstrong, C., Guimaraes, T., "Understanding the Process and Success Factors to Increase Synergies between Research and Teaching", *IMSCI Conference*, (Published), AIS, Volume 14 Issue 7, pp. 56-59, 2016.

**Presentations (2016-17):**

- Guimaraes, T., Armstrong, C., Walton, M., "A New Measure of Organizational Culture for Business Innovativeness in Practice", *ISPIM Innovation Forum*, Accepted, March 2017, AIS, International, Yes, Toronto, Canada.
- Guimaraes, T., Paranjape, K., "The Effect of Organization Innovativeness on Company Innovation Success", *Academic Business World International Conference*, Accepted, May 2017, AIS, International, Yes, Tennessee, Nashville.

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

An integral part of the Chair of Excellence is to make presentations of new knowledge at international meetings. In the last few years, this component of the mission has been severely curtailed due to economic conditions and budget cuts. It would be helpful to have a travel budget for international presentations.

## University of Memphis, 2016-17

	Chair of Excellence	Date Established	Chair Holder
1)	Bornblum Chair of Excellence in Judaic Studies	March 1987	Dr. Israel Koren
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	Dr, Benwari Kedia
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	Dr. Rajiv Grover
12)	James T. Thompson Chair of Excellence in Accounting Education	Sept 1986	Vacant since Sept 2011
13)	Thompson-Hill Chair of Excellence in Accounting	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)	The University of Memphis Chair of Excellence in Free Enterprise Management	June 1987	Dr. Peter Wright
17)	Federal Express Chair of Excellence in Management Information Systems	June 1989	Dr. William Kettinger
18)	Dorothy Kayser Hohenberg Chair of Excellence	June 1988	Dr. Pamela Gerrish Nunn
19)	Helen and Jabie Hardin Chair of Excellence in Economics/Managerial Journalism	June 1995	Mr. Otis Sanford

	Chair of Excellence	Date Established	Chair Holder
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 Jan 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	Dr. Marcy Purnell

## **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.

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

The current funds for the Bornblum Chair are sufficient to cover an outstanding visitor every year for one semester, usually from Israel. Dr. Israel Koren from Oranim College of Education, an expert on Jewish mysticism (Kabbalah, Hasidim and Neo-Hasidim) was the Chair for 2017.

In 2018, Dr. Marc Hirshman from the Hebrew University in Jerusalem will be the Chair. Dr. Hirshman is the Mandel Professor and Chair for Jewish Education at the Melton Centre for Jewish Education, the Hebrew University of Jerusalem. His interest lie in Midrash and rabbinic thought, especially with regard to education, within the context of late antique thought on education. He directed the Melton Centre for Jewish Education 1999-2002 and the joint research center on Israel of Yad Ben Zvi and the Hebrew University 2008-2010

Dr. Hirshman will teach two courses: Midrash: Jewish sacred Texts and Classical Jewish Texts and their Educational Implications. Additionally, Dr. Hirshman will make presentations to the local Jewish synagogues and the Jewish community.

# University of Memphis

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

### Status of the Chair of Excellence

Established in 1984, the *W. Harry Feinstone Chair of Excellence in Molecular Biology* was the first of Chair of Excellence at the UM. Dr. Thomas Sutter, professor of biological sciences, is the current Chair Holder.

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

Dr. Sutter maintains high national and international visibility and recognition as a teacher and researcher. He is a full member of the American Association for Cancer Research, the American Chemical Society and the Society of Toxicology. He is a member of one national and two international editorial boards. Dr. Sutter served on NIH and international grant review panels. He was the Principle Investigator on two research projects and received notice of award on his competing renewal of an NIH funded grant on environmental exposures and children's skin disease. He provides exemplary institutional service as evidenced by efforts to improve the success of junior faculty by facilitating interdisciplinary research with emphasis in genomics and bioinformatics.

Dr. Sutter is an active member of five departmental and university committees and serves as a mentor to doctoral, master's and undergraduate students as well as a post-doctoral fellow. He also continues his public service activities by routinely serving as a member of community committees.

### 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

## 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

Dr. Bollobas maintains high national and international visibility and recognition as a teacher and researcher and has been a Visiting Researcher at Microsoft Research, Redmond, WA. Additionally, he conducts extended visits to Renyii Institute, Budapest, Hungary, and University of Cambridge, United Kingdom Fellow of the Royal Society and the Institute for Advanced Studies in Lucca, Italy. He continues to be a featured speaker at national and international conferences and supervised the completion of two PhD students during the past year. Dr. Bollobas was the investigator on numerous research projects including four external grants.

Additionally, Dr. Bollobas is the chief organizer of the Institute of Combinatorics, hosting weekly seminars of the UofM. He is conducts Thesis Committee Reviews for the University of Athens and Research Proposal Reviews for the European Research Council and Swiss National Science Foundation. Dr. Bollobas generates productive and collaborative research from coordinating and seeking funding for informal exchanges whereby students from the University of Cambridge department of mathematics came for extended visits to work with Memphis students and researchers; his Memphis students have had similar extended visits in Cambridge, Hungary, and the Institute for Advanced Studies Lucca, Italy.

Dr. Bollobas is the Editor-in-chief of numerous journals, e.g. *Cambridge Tracts in Mathematics*, *Discrete Mathematics*, *Internet Mathematics*, *Journal of the London Mathematical Society*, *European Journal of Combinatorics*, *Graphs and Combinatorics*, *Journal of Graph Theory*, *Random Structures and Algorithms*, *Electronic Journal of Combinatorics*, and *Combinatorica*. He engages in exemplary service locally and nationally.

### Recommendations to Enhance the Effectiveness of the Program

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



## **University of Memphis**

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

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

The *Lillian and Morrie Moss Chair of Excellence in English* was created in 1987 and had been vacant since May 2012. With the approval of the Tennessee Board of Regents and the Tennessee Higher Education Commission, it was moved to the Department of Computer Science in the summer of 2015 and renamed the Lillian and Morrie Moss Chair of Excellence in Computer Science. Dr. Santosh Kumar became Chair beginning in the fall semester of 2015.

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

Dr. Kumar is considered a founding leader in a newly emerging and rapidly growing research area called Mobile Health (mHealth), where mobile and wearable devices are used for monitoring and improving health, wellness, and work performance in the natural environment of human beings. His own research work has established new computational models for detecting and tracking stress, smoking, craving, cocaine use, and conversation behaviors from wearable sensors. His work appears in highly-selective computing publication venues, is cited widely (65+ citations per article) and is used in scientific field studies at 10 different universities across the country. He recently published a reference/textbook on mHealth by Springer.

His research is currently supported with twelve federally funded projects – nine from the National Institutes of Health (NIH), two from the National Science Foundation (NSF), and one from Intelligence Advanced Research Projects Agency (IARPA), worth a total of \$30+ million. This includes a \$10.8 million big data center in mHealth called NIH Center of Excellence for Mobile Sensor Data-to-Knowledge (MD2K) that represents the largest federal grant awarded to University of Memphis. It also includes a new \$13.8 million grant awarded by IARPA to monitor and predict work performance using mobile sensors, and it includes a \$4 million grant from NSF to develop a provenance cyberinfrastructure to complement the mobile sensor big data software platforms developed by MD2K. Dr. Kumar is the lead PI of each of these large grants, which respectively are the largest grants awarded to UoM from NIH, IARPA, and NSF. The IARPA and the MD2K are respectively the largest and second largest ever projects awarded to UoM. All projects led by Dr. Kumar are headquartered in Memphis. This includes a multidisciplinary team of 30+ high-profile investigators from 18 institutions (Cornell, Dartmouth, Georgia Tech, Harvard, Johns Hopkins, Memphis, Michigan, Moffitt Cancer Center, NIDA, Northwestern, Ohio State, UCLA, UCSF, UCSD, UMass, UPenn, Utah, and West Virginia). Dr. Kumar's MD2K Center employs 5 software engineers (4 with doctorate) and 7 staff members, most of whom are funded by the federal grants.

Dr. Kumar is frequently invited to participate in large-scale national initiatives such as planning for the Precision Medicine Initiative (PMI). He has chaired several national meeting for defining future research directions for mHealth. He organizes and mentors at annual mHealth Summer Training Institutes that have trained more than 120 faculty members from 50 different

institutions in the area of mobile health. He is invited to give keynote speeches and distinguished lectures at prominent universities, conferences, and federal meetings in both computing and medicine. He has served in the editorial board of Nature Digital Medicine journal and in the technical program committees of highly-prestigious computing publication venues such as ACM UbiComp, ACM MobiSys, ACM SenSys, ACM/IEEE IPSN, IEEE INFOCOM, among several others.

In addition, he engages in several service activities at the university. For his department, Dr. Kumar has made several improvements to the graduate admissions committee and the faculty search committee that he chairs to attract high-quality graduate students and faculty.

### **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 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, is the current Chair holder.

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

Dr. Gallagher continues to maintain not only a national recognition but also international recognition for his research. He holds the Anneliese Maier Research Fellowship from the Humboldt Foundation. This prestigious grant to support his research has been extended to a sixth year (to 2018). In addition, he also holds an Honorary Professorial Fellowship on the Faculty of Law, Humanities and the Arts at the University of Wollongong (Australia) and an honorary professorship at the University of Tromsø (Norway). He was Senior Research Fellow at Keble College, Oxford University in summer 2016 and visiting researcher at the Husserl Archives, *École normale supérieure*, Paris in June 2017. During the past year he continued as co-PI on an external grant to support a postdoctoral position at Memphis funded internationally by the Marie Curie Action Fellowships; and in 2017-18, he is co-PI on a similar grant from the Baltic-American Freedom Foundation (BAFF) to support post-doctoral research. In addition he is co-PI on a new international research grant: "Minds in skilled performance," Australian Research Council (2017-19). His publication rate has been exceptional, and includes a new monograph, *Enactivist Interventions: Rethinking the Mind* published in 2017 by Oxford University Press. In addition he has published 8 journal articles and 14 chapters in 2016. Gallagher is in the top 20 most cited living philosophers with public Google scholars pages.

Dr. Gallagher regularly receives invitations to participate in international, national, and regional conferences, workshops and research meetings (generating external research/travel support of approximately \$44k in 2015). He continues to serve as Editor-in-Chief of the international and interdisciplinary *Phenomenology* and the *Cognitive Sciences* (ranked 6th of philosophy journals based on H5-index), and is a member of several advisory boards. Dr. Gallagher also continues his work with students. Two of his PhD students completed their degrees in 2016, and one in 2017, and he is currently directing two other dissertations. Since 2013, he served on nine dissertation committees at Memphis and several other universities.

In addition to Dr. Gallagher's research he continues to serve the department and University in a number of ways including acting as the department's Graduate Admissions Director. His grants and research connections supported three Memphis PhD students with full travel funding to and study in Europe in 2017; his Humboldt Award will support one of his students as a postdoctoral student in Germany in the coming year, and will provide support for an international conference in March 2018 in Memphis.

# 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

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

Dr. Beck serves as Editor-in-Chief for *Clinical Psychology: Science and Practice*, and is on the editorial board of four professional journals. She has provided grant reviews for several foundations in the past year. As well, she is an active contributor to the trauma literature and serves as a mentor for several early career professionals within the field. She actively supports students and has either been a chair or a member of numerous thesis or dissertation committees during her tenure at the University. In recognition of her service to graduate students, Dr. Beck was recently awarded the Outstanding Mentor Award by the graduate students in the Department of Psychology. She was recognized as a PI Millionaire by the University this past spring.

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

### Recommendations to Enhance the Effectiveness of the Program

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

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

## Status of the Chair of Excellence

The *Plough Chair of Excellence in Audiology and Speech-Language Pathology* was established in 2000. Dr. D. Kimbrough Oller, a professor in the School of Communication Sciences and Disorders, is the current Chair Holder.

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

Dr. Oller maintains high national and international visibility and recognition as a teacher and researcher, serving as an invited consultant and collaborator on research regarding vocal development, evolution of language, and the detection of disorders of communication. The collaborations include 14 universities and research institutes in the US, Europe, and Asia. He is a member of the Scientific Advisory Board of the LENA Research Foundation in Boulder, CO, a collaborator with researchers at the Max Planck Institute for Evolutionary Anthropology in Leipzig, Germany, and a permanent external faculty member of the Konrad Lorenz Institute for Evolution and Cognition Research, Klosterneuburg, Austria. He provides exemplary service locally and nationally, serves as a primary faculty participant in the Institute for Intelligent Systems.

Dr. Oller currently holds two research grants from the National Institutes of Health (NIH) for nearly 3 million dollars each (one of the two is in its final year), and has been funded at the University of Memphis continuously by NIH since 2004 under two additional major grants.

Since his hiring in 2002, Dr. Oller has spoken at 207 national and international conferences and has published 80 articles, 3 books, and a special issue of a journal volume for Topics in Cognitive Science. Dr. Oller serves as a mentor to numerous graduate students, who on completion, regularly go on to faculty positions at other universities, furthering his line of effort in vocal development and communicative disorders.

## Recommendations to Enhance the Effectiveness of the Program

Continue accomplishing goals of Plough Foundation Grant.

## University of Memphis

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

#### Status of the Chair of Excellence

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

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

Dr. Kemme maintains high national and international visibility and recognition as a teacher and researcher. He is regularly invited to make presentations and give workshops to policy makers and economic analysts at the highest levels in government and at leading academic and professional conferences in the US and Europe. He received an IREX (International Research & Exchanges Board) 2012-2013 Fellowship and Short-Term Travel Grant (STG) for extending the research originally funded by the U.S. State Department Title VIII grant to examine the National Fund(s) of the Republic of Kazakhstan. In the past, his research has been translated and published in Armenian, Japanese, Russian and Ukrainian. In the last three years, Dr. Kemme has published papers in leading economics journals, *Review of International Economics* and *European Financial Management*.

Dr. Kemme serves on the Editorial Board of the *Atlantic Economic Journal* and *Buletini Shkencor*, and serves as general editor of *European Journal of Comparative Economics*. He also continues as a member of the Scientific Committee of the Editorial Board of the *European Journal of Comparative Economics*, published by the leading European association in the field of economic systems. Dr. Kemme maintains an active research agenda focusing on issues in international economics and conducts joint research engaging economics doctoral students and graduates. He also regularly serves as a referee for leading journals and as an external reviewer for major research grants and promotion and tenure cases at other universities.

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

Continue momentum in research in international economics, thus increasing national and international visibility and reputation 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 current Chair Holder and serves as Director of the Wang Center for International Business Education and Research (CIBER) at the University of Memphis.

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

Dr. Kedia has maintained high national and international visibility in teaching and research as well as very high local visibility with the business community. He supports important international business connections for the regional economic community. Dr. Kedia has been the principal investigator for the highly competitive and nationally recognized CIBER grant from the U.S. Department of Education to support international business education and research. He also has co-sponsored twelve national and international business and research conferences. He serves in leadership positions for 12 local, regional, and national professional organizations. He has organized annual interdisciplinary national conferences and meetings that bring prestigious faculty as seminar leaders and a large number of faculty participants to the University of Memphis, which enhances the visibility of the academic programs of the University.

Dr. Kedia continues to publish his research in leading journals and authored or co-authored three papers in top journals in the last year, one in the highly prestigious *Journal of Management*, in addition to paper presentations at five national conferences. He currently has three books in publication. He also has facilitated and supported numerous international exchange programs in Germany, France, Mexico, China, India, Ireland, and Japan.

### Recommendations to Enhance the Effectiveness of the Program

- Work with other faculty and the college advisors to encourage more undergraduate students in business to promote study abroad opportunities (especially students with majors in international business).
- Maintain dissertation and mentoring activity in the doctoral program to enhance the education and training of future faculty members in the international business area.

## 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. The further pursuit of revision of this position and efforts to fill it are awaiting President Rudd's review with the newly established University Board of Trustees.



## **University of Memphis**

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

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

The *Sales and Marketing Executives, Inc., Chair of Excellence in Sales* was created in 1986. Dr. Rajiv Grover, Dean of the Fogelman College of Business and Economics and professor of marketing and supply chain management serves as the current Chair Holder.

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

Dr. Grover actively advocates for advancing the level of teaching competence and research achievement through his leadership as Dean of the Fogelman College of Business and Economics. He is highly successful in improving the learning environment for students through classroom and other improvement projects. He has also initiated numerous student development projects and programs through the Avron Fogelman Professional Development Center to help prepare UM graduates for their successful entry to the job market and for responsible citizenship.

Dr. Grover participates in the Association to Advance Collegiate Schools of Business (AACSB) International, including his selection to serve on peer-review teams for schools undergoing review for AACSB business accreditation. He successfully led the UM Fogelman College of Business and Economics through the 2015-2016 AACSB accreditation review and visit, resulting in reaffirmation of both Business and Accounting accreditation. Dr. Grover continues in an active leadership role in curriculum matters including the development of innovative master's programs that serve the special and future needs of corporate employers engaging with other universities outside the U.S. to build partnerships for international programs.

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

Maintain national recognition, professional activity, and institutional and public service; increase individual and team research initiatives and publication rate of College faculty.

**University of Memphis**  
**James T. Thompson Chair of Excellence in Accounting Education**

**Status of the Chair of Excellence**

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

The University's Chief Development Officer contacted the donor who established the Thompson Chair of Excellence in Accountancy. Based upon the donor's input and the present and future needs of the College, a proposal was prepared in 2014 to modify the Chair's focus and emphasis and amend the original agreement. The new name of the position is the James T. Thompson Chair of Excellence in Accounting Education. That proposal was approved through President Rudd and the TBR Chancellor. The position description for this COE was appropriately revised and a [search](#) is now underway to fill this position for the fall semester 2017 with a senior faculty member with a strong record of professional accomplishment.

## University of Memphis Thompson-Hill Chair of Excellence in Accountancy

### Status of the Chair of Excellence

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

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

Dr. Rezaee continues to bring prestige and national and recognition to the Thompson-Hill Chair of Excellence in all four categories of teaching, research, service, and outreach. The book that he co-authored entitled “Corporate Sustainability: Integrated Performance and Reporting” received the 2013 Axiom Gold Award in the category of Business Ethics. Dr. Rezaee is highly visible in the accounting academic community through his research publications and presentations at major professional organizations and workshops, nationally and internationally, in accounting. He authored or coauthored five articles in 2016 and authored the book, *Audit Committee Formation in the Aftermath of the 2007-2008 Global Financial Crisis*, in July 2016.

Dr. Rezaee serves the larger professional community through his service on the editorial boards of 10 accounting journals. He has maintained a high level of productivity in his research, publishing an impressive number of articles, including one in an A+ journal. He was ranked in the top ten percent of authors in SSRN based on over 10,000 paper downloads as of February 2016.

### Recommendations to Enhance the Effectiveness of the Program

Continue active research agenda aimed toward leading journals, maintain high visibility in the accounting academic community, and continue an important role in the instruction of future accountants.

## University of Memphis Morris L. Fogelman Chair of Excellence in Real Estate

### Status of the Chair of Excellence

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

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

Dr. Sunderman is nationally recognized for scholarship and service in the field and as an expert in online education. He is also considered the leading expert in property tax equity testing and measurement. He presented seven papers at regional, national, and international meetings and published three journal articles in 2016, maintain his continuing record of research productivity. His numerous research projects with doctoral students have consistently resulted in professional, paper presentation and/or publications.

The Dr. Sunderman is highly respected in his field due to his outstanding professional service, as well as his leadership in the *American Real Estate Society* where he is on the Board of Directors, the Chair of the Technology Committee and the ARES Webmaster. He serves on the editorial board for *Global Economics and Management Review* and is a member of the Academic Review Panel for the *Appraisal Journal*.

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

### Recommendations to Enhance the Effectiveness of the Program

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

## University of Memphis Wunderlich Chair of Excellence in Finance

### Status of the Chair of Excellence

The *Wunderlich Chair of Excellence in Finance* was established in 1987. The current Chair Holder is Dr. Thomas McInish, professor of finance.

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

Dr. McInish continues to maintain national and international recognition as a top scholar in the discipline of finance. The Chair Holder maintains an active research program, some of which engages doctoral students and graduates. Major initiatives currently under way include projects dealing with short selling of bonds and several projects dealing with market integrity. Dr. McInish served as a Visiting Scholar at The University of Sydney and continues to be invited to participate as a presenter at numerous academic conferences.

Dr. McInish published one book and has also written one book chapter, eight refereed journal articles and two books in the last three years, along with refereed conference presentations. He serves as an associate editor of the *Financial Review* and regularly reviews for journals such as *Pacific Basin Finance* and others.

Long recognized as one of the most prolific finance scholars in top journals, Dr. McInish continues to pursue research topics that are important to the field and have promise of future publications in leading journals.

### Recommendations to Enhance the Effectiveness of the Program

- Maintain national and international recognition
- Encourage stronger local involvement in college service and curriculum development

# University of Memphis

## The University of Memphis Chair of Excellence in Free Enterprise Management

### Status of the Chair of Excellence

The *University of Memphis Chair of Excellence in Free Enterprise Management* was established in 1987. Dr. Peter Wright, professor of management, is the current Chair Holder.

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

Dr. Wright continues to excel in teaching as indicated by his ongoing student evaluations that are among the highest in the College and the University. He has been named as the first recipient of the Excellence in teaching award in the Fogelman College of Business and Economics. He is actively engaged as a doctoral student teacher and co-chair of one dissertation committee and serves as a member of six others. He serves on five different departmental and college committees on tenure and promotion and teaching excellence.

Dr. Wright is active in professional service as a reviewer for six leading journals in his field. He has five articles in various stages of publication. Along with his colleagues, Dr. Wright published a paper in the prestigious *Academy of Management Perspectives* and delivered papers at the Academy of Management in 2014. In addition, Dr. Wright continues his work in teaching and mentoring doctoral students and in engaging them in joint research and publication efforts.

### Recommendations to Enhance the Effectiveness of the Program

Continue the outstanding teaching performance and ongoing service to the Department and profession, and strive to increase rate of publication to level more consistent with previous research achievements.

# 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 Management and Information Science (MIS) is the current Chair Holder.

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

Dr. Kettinger enhances the national and international reputation of the department and college through professional service and research publications. In 2013, he received a Fulbright Visiting Professorship at the Vienna University of Business Economics where he also began several research projects with faculty. Dr. Kettinger serves as a Senior Editor of *MIS Quarterly*, the top-rated journal in the MIS field. He edits and reviews for the highest ranked journals in the field including *MISQ Executive*, *Information Systems Research*, and the *Journal of the Association of Information Systems*, all three A or A+ journals. Dr. Kettinger had 12 journal articles published in the 2014-2016 period, in addition to numerous papers at national and international conferences. His work in progress is highly impressive and shows evidence of a continuing record of high research productivity in the influential journals in MIS.

Dr. Kettinger continues to engage faculty and students in his research projects. He has established several research projects with faculty at international institutions. He continues to show leadership in working with MIS faculty and doctoral students to promote scholarship that can lead to publication in major journals in the field. Dr. Kettinger is actively involved in strengthening the department's Ph.D. program while serving as departmental Ph.D. coordinator.

## Recommendations to Enhance the Effectiveness of the Program

Continue the excellent research output, the development of doctoral students and faculty colleagues, and the exemplary work in departmental and professional service.

# University of Memphis

## Dorothy Kayser Hohenberg Chair of Excellence

### Status of the Chair of Excellence

The *Dorothy Kayser Hohenberg Chair of Excellence* was established in 1998. The Chair Holder for 2016-17 was Dr. Pamela Gerrish Nunn. The Chair is a rotating position with a new Chair Holder each year.

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

Born in England but a resident of New Zealand since 1989, Dr. Nunn was educated at Leicester University (BA Hons) and University College London (MA, PhD). Her fields of specialization are the 19<sup>th</sup> and early 20<sup>th</sup> centuries and women artists/women's art. Within these areas, she has specialized further in Pre-Raphaelitism and the art of what is currently called Greater Britain. Along with Deborah Cherry, she put Victorian women artists on the art-historical map, through her publications, teaching and widespread public lecturing in the late 1970s and early 1980s.

Dr. Nunn has taught art history since 1976 (Bristol Polytechnic) and was active in the British women's art movement as a feminist art historian at a time when knowledge of women's art of the past was widely felt to be lacking, yet in ever-increasing demand. She has curated significant exhibitions from original research in her fields of specialization, notably Pre-Raphaelite Women Artists, Manchester City Art Galleries, 1997 (co-curated with Jan Marsh); From Victorian to Modern, Djanogly Art Gallery, Nottingham, 2006; 'Independently Modern', Goodison room, Tate Britain, 2009; and Eleanor Fortescue-Brickdale, a Pre-Raphaelite journey, Lady Lever Gallery, Port Sunlight, 2012.

### Recommendations to Enhance the Effectiveness of the Program

The Hohenberg Chair is an annual rotating appointment bringing in established scholars to teach and continue their research on our campus. The Chair Holder for 2017-18 will be Dr. Sherry C.M. Lindquist who specializes in medieval and Renaissance visual culture with teaching and research interests in artistic identity, cultural exchange, gender, sexuality, theories of perception, illuminated manuscripts, late medieval Burgundy, Islamic art, early printing, medievalism, the social history of art, art historical method, and the history of museums.

Her work has been recognized by fellowships and grants from the Newberry Library, the Kress Foundation, the Getty Research Institute, and the U.S. Fulbright Commission, among others.



# University of Memphis

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

### Status of the Chair of Excellence

The *Hardin Chair of Excellence in Journalism* was established in 1995. It was established through an endowment from Helen and Jabie Hardin to emphasize instruction in newsroom and media management within the Department of Journalism and Strategic Media. Professor Otis Sanford, the current Chair Holder has more than 30 years of management experience at three major daily newspapers, including managing editor of the Memphis Commercial Appeal.

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

Professor Sanford brings a total of 42 years of professional journalism experience to his position as the Hardin Chair of Excellence in Economics/Managerial Journalism. He has held management positions at every level of a metropolitan newspaper, ranging from assistant city editor to managing editor, and finally as editorial page editor and director of the editorial board for the Memphis Commercial Appeal. In addition, he has been a weekly opinion columnist for the newspaper for 10 years. He also provides daily political commentary for WREG-TV Channel 3 in Memphis. Professor Sanford incorporates that experience into his teaching of various courses, including Media Writing and Reporting at the undergraduate and graduate level, Opinion Writing and Reporting, Survey of Media, and Media, Diversity and Society. Since joining the journalism faculty in 2011, he has sponsored the annual Norm Brewer First Amendment Lecture featuring nationally recognized media professionals. The 2017 Norm Brewer lecturer was Keith Woods, vice president of diversity in news and operations for National Public Radio. The lecture, which also attracts a sizeable audience from off campus, has become one of the top events at the UM each spring. In addition, because of Professor Sanford's high media visibility in Memphis and the Mid-South, he continues to attract top local journalists to the campus, which is a huge benefit for our students. Sanford recently published his first book, *From Boss Crump to King Willie: How Race Changed Memphis Politics*, which has received critical acclaim.

### 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 students in the Department of Journalism and Strategic Media.
- Continue to be a public face for the department through lectures, speeches, media appearances and membership in organizations that stress community and public service.
- Continue to participate in endeavors that place the UM at the forefront of investigative and public service journalism in Memphis and the Mid-South.

## **University of Memphis**

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

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

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

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

Dr. Cross holds national recognition as an urban educator and researcher. She recently served as a member of the Research and Dissemination Committee for AACTE. She served as a national trainer for the Haberman Urban Teacher Selection Process and assisted Shelby County Schools with the Urban Principal Selection Process. She is assisting the UM in implementing the teacher version which is an important screen for selecting students for urban teacher preparation. She designed and obtained TBR approval for the Graduate Certificate in Urban Education, now operating its fourth cohort. She has led these students in several research projects in collaboration with local non-profit organizations. These projects exemplify the University's dedication to learning by doing as well as models engaged scholarship.

Dr. Cross provides extensive service to the university and to the community serving as qualitative methodologist on dissertations across the College of Education. She and a colleague coordinated and led a conference on educating African-American Males through the Ben Hooks Institute on Social Change. The presenters were nationally recognized for their local impact.

She recently published a book chapter in *Handbook of Critical Race Theory* and an article on teacher identity in the *International Handbook on Research in Teacher Education*. Dr. Cross was recently selected along with a colleague to serve as the evaluators for the FourYear South City Choice Neighborhood HUD Grant. In addition she is collaborating with the Loewenberg College of Nursing on a Pediatric Asthma Management Project. This project is collaborative with Shelby County Schools and has the goal of minimizing asthma' effect on attendance, an ACE factor. She also completed a research project with Shelby County Schools to examine two leading reading programs to determine which worked better for urban children. In addition, she completed a study of the roles of professional learning coaches to determine what modifications would enhance their roles to increase teacher effectiveness.

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

Continue active scholarship and regional/national impact. Finalize two book proposals.

**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 chair holder, retired January 2017. A search is currently underway for the position to be filled in 2018.

## 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 Chair Holder.

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

Dr. Bowlin is a world-renowned expert and leader in the field of electrospinning of biomaterials for tissue engineering. During 2016-2017, he was the senior author on six journal articles and co-author on three additional articles with worldwide collaborators. The Bowlin laboratory was cited over 1,500 times in 2016 and 871 times to date in 2017 (tremendous global impact). He was a co-author on 14 abstracts presented at the National Conference on Undergraduate Research, MedTEX17, Biomedical Engineering Society, and the Tissue Engineering and Regenerative Medicine International Society. Five of these abstracts were presented by his undergraduate researchers at national and international conferences. One of these undergraduates is now a National Science Foundation graduate research fellowship recipient working in his laboratory.

Dr. Bowlin had one U.S. patent granted this academic year, and he filed a number of additional patent applications associated with his inventions. The laboratory-derived technology recently licensed from the UM to SweetBio, Inc., a local startup company spun out of his lab, has raised an additional \$0.5 million in the last academic year and continues on pace to obtain FDA approval of their first product in early 2018.

In 2016-2017, Dr. Bowlin continued to serve as the Inaugural President for the International Society for Biomedical Polymers and Polymeric Biomaterials. He is also the secretary/treasurer and member of the Executive Committee for the International Society of Applied Cardiovascular Biology. He also serves on the national student affair committee for the Biomedical Engineering Society. As a result of his prolific inventiveness, commercialization success and impact on lives, and the education of future generations of engineers and researchers, Dr. Bowlin received the 2017 Award of Excellence by the Memphis-Area Joint Engineers Council.

Dr. Bowlin's laboratory has received funding from four company contracts (two Memphis-based) to aid them in product development. In addition, he has had two new grants awarded from the National Institutes for Health (NIH) to support his novel research on tissue regeneration template-neutrophil interactions in collaboration with the University of Tennessee Health Science Center.

Dr. Bowlin maintains active memberships in multiple professional organizations and is currently serving on five journal editorial boards. He has also taught a graduate tissue engineering course and the Biomedical Engineering senior design undergraduate course.

## Recommendations to Enhance the Effectiveness of the Program

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

## 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 Chair Holder.

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

In 2016–2017, Professor McClurg taught Torts I and Torts II to both sections (full entering class), for which he received excellent SETE evaluations. These are yearlong required courses. He also continued to serve as Faculty Advisor to the University of Memphis Law Review. His co-authored casebook, *Guns and the Law: Cases, Problems, and Explanations*, was published in the fall by Carolina Academic Press. His article, *The Second Amendment Right to be Negligent*, was published as the lead article in the Florida Law Review. The article earned Professor McClurg the 2017 Farris Bobango Faculty Scholarship Award, and generated seven reply articles by noted scholars in the Florida Law Review Forum. In the Spring, West Academic Publishing published the third edition of Professor McClurg's law school prep book, *1L of a Ride: A Well-Traveled Professor's Roadmap to Success in the First Year of Law School*, which is assigned as required or recommended reading at law schools throughout the country.

Downloads of Professor McClurg's scholarship consistently rank him in the top 10 percent of authors on the Social Science Research Network (SSRN), while his scholarly works continue to be cited frequently in other law journals, including, in the relevant period, top journals such as the Cornell Law Review, Columbia Law Review, California Law Review, and the University of Chicago Law Review.

Professor McClurg presented a webinar for the ABA Law Student Division on succeeding in law school and continues to be quoted in the national media, including by the Wall Street Journal, U.S. News, and National Jurist Magazine.

### Recommendations to Enhance the Effectiveness of the Program

Continue publication, presentation and service efforts, which bring national attention to the university.

# University of Memphis

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

### Status of the Chair of Excellence

The William A. and Ruth F Loewenberg Chair in Nursing was endowed 1988. Dr. Marcy Purnell, PhD, APN, FNP-C, is the current Chair Holder.

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

Dr. Purnell is a nationally and internationally known researcher in the area of bioelectrodynamics. She has published her research in the prestige journal of *Discover Medicine* and has been a sought speaker at national and international conferences. She is currently a reviewer for *Biological Research for Nursing* and serves on the Editorial Board for *Herald Scholarly Open Access*. Dr. Purnell:

- Conducted and completed BioField Array Phase 1 Safety and Efficacy Study
- Currently completing BioField Array Phase 1 Safety and Efficacy study data analysis and publication submission
- Conducted in vitro studies with cancerous cells using the BioField Array
- Currently writing protocol for IRB submission for a BioField Array PTSD trial in partnership with military
- Currently writing protocol for IRB submission for a BioField Array Breast Cancer Adjunct trial with West Cancer Clinic (pilot data for R01 with NCI)
- Currently partnering in writing protocol for mouse experiment for muscle damage/regeneration/athletic experiment with School of Health Studies (pilot for R21)
- Currently writing Pink Ribbon. Org Foundation Grant submission in September
- Currently writing R43/44 NIH Grant with NCCIH submission in October
- Research staff: Dr. Risa Ramsey, Ph.D., RN, E.M.B.A., CCRC; Dr. Joseph Samaha, M.D., FACC, FSCAI; Gary Lipscomb, M.D., FACOG; Carle Kalsi, M.D.; Kurt Tauer, M.D., FACP; Richard Bloomer Ph.D.; Melissa Puppa Ph.D.; Doug Winston-Powell Ph.D. This staff brings a wealth of research and professional experience to these projects.

Currently, Dr. Purnell is writing four (4) grant proposals to seek NIH and other funding in support her program of research. She holds National Certification as a Family Nurse Practitioner and is currently licensed in Tennessee and Mississippi as an Advanced Practice Nurse.

### Recommendations to Enhance the Effectiveness of the Program

Continue publication, presentation and obtaining research funding to build the program of research, which bring national attention to the university.

## University of Tennessee Chattanooga, 2016-17

Chair of Excellence	Date Established	Chair Holder
1) Unum Provident Chair of Excellence in Applied Mathematics	1986	Dr. Jin Wang
2) SunTrust Bank Chair of Excellence in Humanities	1986	Dr. Carl Springer
3) Walter M. Cline, Jr., Chair of Excellence in Physical Therapy	1987	Dr. David Levine
4) Burkett Miller Chair of Excellence in Management & Technology	1985	Vacant since 2017
5) Chair of Excellence in Judaic Studies	1987	Dr. Irven Resnick
6) Clarence E. Harris Chair of Excellence in Business and Entrepreneurship	1987	Vacant since 2016
7) George R. West, Jr. Chair of Excellence in Communications & Public Affairs	1986	Dr. David B. Sachsman
8) J. Burton Frierson Chair of Excellence in Business Leadership	1987	Dr. Mark Mendenhall
9) Lyndhurst Chair of Excellence in Arts Education	1988	Vacant since 2013
10) O. D. McKee Chair of Excellence in Dyslexic Research & Exceptional Instruction	1998	Dr. James Tucker



# UT 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 chair holder 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

- Dr. Wang has two active grants from NSF: (1) Interdisciplinary math training, \$500,000, 2015 – 2018; (2) Precision medicine for infectious diseases, \$37,000, 2015 – 2017.
- Dr. Wang also serves as a Co-PI on a newly awarded THEC-CEACSE grant for wave energy modeling and simulation, \$84,779, starting July 1, 2017.

**Publications (2016-17):** 10

**Presentations (2016-17)**

- 4 invited seminar/colloquium presentations at other universities
- 2 invited presentations at national conferences and 2 invited at international conferences

**Graduate Students Supported (2016-17):** 4

- Chayu Yang, Dimitri Kakavelakis, Michael Chambers, and Conrad Ratchford

**Faculty Mentoring or Other Active Collaborations:**

- Extensive interdisciplinary collaboration with UTC faculty from mathematics, statistics, biology, computer science, engineering, and the SimCenter
- Faculty mentor for Dr. Feng Bao, Assistant Professor of Mathematics at UTC, 2016 – present
- Grant reviewer/panelist for several national & international funding agencies, NSF in particular
- Active research collaborations with Johns Hopkins, UCSF, UTK, NC State, RPI, Washington State, Old Dominion, as well as several international institutions
- Manuscript reviewer for a number of journals and conferences

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

- Taught both undergraduate and graduate courses
- Served on a total of 7 department and university committees during 2016 – 2017
- Served as an internal grant reviewer for UTC Office of Research and Sponsored Programs
- Strongly supported the creation of a new concentration (Computational and Applied Mathematics) within the Computational Science PhD at UTC
- Directed the second annual I-Math Summer Camp for area high school students at UTC in 2017

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

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

## UT 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 around 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. In fall of 2016, he also began serving as Coordinator of Humanities: International Studies and Humanities: Liberal Arts.

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

#### Publications (2016-17):

- "Of Triumphs and Triumphalism: Etymological and Poetological Considerations," *Logia: A Journal of Lutheran Theology* 26.1 (2017): 5-13.

#### Presentations (2016-2017):

- "Cicero Americanus." Presented to the St. Louis Classical Club
- "Martin Luther and the History of Rhetoric." Modern Language Association, Philadelphia
- "C.S. Lewis's Latin Letters." Classical Assoc. of Midwest & South's Southern Section, Emory University
- "Pious Mirth: Listening to Martin Luther's Latin Poetry." Presented at the fourth conference on "Lutheranism and the Classics," Concordia Theological Seminary
- "Martin Luther's Anti-Ciceronianism." 16<sup>th</sup> Century Society and Conference in Bruges, Belgium

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

- Taught courses in Latin poetry and prose, Classical Mythology, History of the Latin Language
- Member of departmental review committee (retention, tenure, and promotion)
- Member of review committee for LeRoy Martin Professorship
- Member of CS Lewis Annual Lecture Committee, Chattanooga, Tennessee, 2016-2017
- Reviewed book manuscript for Bloomsbury Press, 2017
- Reviewed applications for North Callahan Essay Prize, UTC, 2017
- Organized and chaired interdisciplinary discussion for Humanities Majors: "International Studies, the Liberal Arts, and Jobs," UTC, 2017
- Member of search committee for Lyndhurst Chair of Excellence in Art Education
- Member of committee to select Connor Professorship of English
- Vice-President and Member of Executive Board of the *Institutum Lutheranicum Classicumque*
- Member of Concordia Historical Institute Awards Committee

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

- Book-length monograph (over 300 pages) entitled *Cicero in Heaven: The Roman Rhetor and Luther's Reformation*, forthcoming in the series *St. Andrews' Studies in Reformation History* (E.J. Brill; scheduled for publication in November 2017).
- Paper presentation: "A Neo-Latin Theological Bestiary of the Seventeenth Century" at "The World of Neo-Latin: Current Research," annual meeting of the Society for Classical Studies, Boston, 2018.
- Speaking on "Birgit Stolt and Martin Luther's *Rhetorik des Herzens*" at the International Congress on Luther Research, Wittenberg, Germany, 2017.

## UT 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, professor in the Physical Therapy Department, and adjunct professor at the University of Tennessee College of Veterinary Medicine has been the Chair Holder since 2006. He is a leading authority on physical rehabilitation and has published extensively in this field.

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

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

- Ongoing funding from multiple sources including LiteCure LLC, Hollywog LLC, UTC Research Center for Applied Biomolecular, Behavioral, and Health Studies, UTC CRISP grant, Goodhew LLC, Chattanooga Plastic Surgery Foundation, and private donations

**Publications (2016-17):** 6 (Five publications in refereed journals, one book chapter)

**Presentations (2016-17):** 10 scholarly presentations given at six meetings, regionally, nationally and internationally, including the 2017 United States Public Health Service Scientific and Training Symposium on Healthcare-associated infections and prevention strategies for the rehabilitation profession

##### Graduate Students Mentored: (2016-17)

Currently mentoring seven Doctor of Physical Therapy students, three Doctor of Occupational Therapy students, one medical resident at UTCOM, and one veterinary resident at UTCVM.

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

- Active research collaborations with UTK, NC State, UC Davis, Midwestern University, and the University of Central Lancashire (UK), as well as several private companies
- Regularly assist UTC faculty in multiple departments in research and publications  
Current research collaborations with Occupational Therapy, Biology, Computer Science, Chemistry, UT College of Medicine, and UT College of Veterinary Medicine
- Chair of the Scientific Committee for the 10th International Symposium on Rehabilitation and Physical Therapy in Veterinary Medicine, Aug 2018, Knoxville, TN
- Manuscript reviewer for 11 journals (editorial board member for two)
- Vice-president of the APTA Evidence Based Practice Special Interest Group

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

- Led four graduate courses taught in 2016-2017 with an average of 50 students /class
- Served on five UTC Committees, including the Honors College Advisory Board and as Chair of the RTR (faculty review) Committee for two departments (Occupational Therapy and Physical Therapy)
- Conducted yearly review for the Disability Resource Center on campus wide accessibility

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

- Complete work on 2<sup>nd</sup> Edition of textbook “Physiotherapy in Small Animal Practice”
- Serve as a guest editor for an issue on Rehabilitation in the journal “Frontiers in Veterinary Science”
- Continue and expand multi-disciplinary research and collaborative efforts campus wide and with local health care facilities

## UT Chattanooga Burkett Miller Chair of Excellence in Management and Technology

### Status of the Chair of Excellence

Dr. Ronald B. Cox, College (PhD in Mechanical Engineering, Rice University) was appointed in 1996 as the Chair Holder of the *Burkett Miller Chair of Excellence in Management and Technology* but has recently passed away. A search for a new chair will occur during the 2017-2018 academic year.

## UT Chattanooga Chair of Excellence in Judaic Studies

### Status of the Chair of Excellence

Effective August 1990, Dr. Irven M. Resnick became the Chair Holder 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. He has collaborated with historians, scientists, and philosophers around the world in developing his method.

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

**Publications (2016-2017):** 1 book and 3 journal articles

**Presentations (2016-2017):** Invited to address the "International Symposium on Jews and Melancholy," University of Buffalo, March 30, 2017

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

- Continuing a fifth three-year term as a senior associate, Oxford (University) Centre for Hebrew and Jewish Studies
- Selected as Cone Distinguished Lecturer in History for 2017, University of Wyoming
- Continued collaboration with I-CORE: The Center for the Study of Conversion and Inter-Religious Encounters at Ben-Gurion University of the Negev (Israel; 2012-)
- Founding President of the International Albertus Magnus Society
- Associate, the University of California Mediterranean Studies Multi-Campus Research Project and the University of Colorado Mediterranean Studies Group (2014-)
- Liaison to Haifa University for UTC students interested in study in Israel

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

**Goals (2017-2018):**

- Completion of a co-edited volume for Brepols titled *Jews and Muslims under the Fourth Lateran Council*, stemming from a series of conference sessions Dr. Resnick chaired at *Concilium Lateranense IV: Commemorating the Octocentenary of the Fourth Lateran Council of 1215* (Rome, Italy; 2015)
  - Completion of a revised edition of *Albertus Magnus on Animals. A Medieval Summa Zoologica*, translated by Kenneth F. Kitchell Jr. and Irven M. Resnick. In press at Ohio State University Press (to appear in several volumes during 2017-18)
- Long term Goals:**
- Continue to prepare a translation of Albertus Magnus's *De resurrectione* and to obtain a contract for publication.
  - Continue to develop a public lecture series in Judaic Studies at UTC, while also expanding its library Judaica holdings.



**UT Chattanooga**  
**Clarence E. Harris Chair of Excellence in**  
**Business and Entrepreneurship**

**Status of the Chair of Excellence**

Dr. Richard C. Becherer (DBA, University of KY, 1974) has served as the Chair Holder of the *Clarence E. Harris Chair of Excellence in Business and Entrepreneurship* since 1995. Dr. Becherer retired in July 2016. The Chair has been vacant this past year. A search conducted last year was not successful in filling the position; a new search will be initiated during the 2017-2018 academic year, with a consultant who is well known in the entrepreneurship area.

## UT 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 Chair Holder 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 24th 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 in 2016-2017 gave the UC Foundation its seventh annual donation of \$4,000 to support endowing a research fund to provide financial support for the West Chair's Symposium.

Other donors also support the Symposium, including Dr. Sachsman and the other editors of the seven books of readings that have grown out of the Symposium, who have signed over the royalties resulting from these books to UTC

#### Publications (2016-2017):

- Edited (with Dea Lisica): *After the War: The Press in a Changing America, 1865-1900*. New York: Transaction Publishers, an imprint of Taylor & Francis.
- Published "The Civil War in Film." A peer-reviewed article for Essential Civil War Curriculum, a Sesquicentennial Project of the Virginia Center for Civil War Studies and the History Department of Virginia Polytechnic Institute and State University. See <http://essentialcivilwarcurriculum.com>
- Reviewed *Lincoln and the Power of the Press: The War for Public Opinion* by Harold Holzer, *The Historian*, Vol. 78, No. 4 (December 2016), 755-56.

#### Presentations (2016-2017): 3

- "Custer: The Man and the Myth," "At the Movies: The Celluloid Civil War," and "Words at War: The Civil War and American Journalism"

**Graduate Students Mentored:** Rachel Kelley, Environmental Science.

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

- Hosted a Symposium in November which included 33 speakers from across the nation delivering 39 refereed and invited papers
- Editor of the *Journalism* series of books and eBooks at Transaction Publishers
- Managing editor of the quarterly, peer-reviewed *Applied Environmental Education and Communication: An International Journal*
- Member of the editorial board of *Mass Communication & Society*
- Member of the UTC Faculty Administrative Relations Committee
- Chair of the UTC Student Media Board
- Chair of the Department of Communication Rank, Tenure, and Retention Committee

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

- Plan the 25<sup>th</sup> annual Symposium on the 19th Century Press, the Civil War, and Free Expression, which will be held in November 2017
- Work on a series of new books arising from the Symposium. The next one will be *The Antebellum Press: Setting the Agenda for Civil War*, which should be published in 2020
- Work on two possible projects regarding environmental journalism

## UT 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 (PhD, Brigham Young University, 1983) has been the Chair Holder since 1989.

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

**Publications** (Articles/Chapters in 2016-2017): four

**Google Scholar citations for 2016-2017:** 1,098

**Books Published (2016-2017):** 1

**Books in Process (2016-2017):** 2

**Presentations (2016-2017):** 3

**Graduate Students Mentored:**

- Dr. Mendenhall coached UTC Executive Education, MBA, and undergraduate students on a weekly basis and held them accountable for progress made in their personal development plans for developing leadership skills.
- Dr. Mendenhall advised graduate students from UTC and other universities regarding acceptance to PhD programs and conducting research in his field of expertise

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

- Dr. Mendenhall was on a one-semester sabbatical for the fall of 2016. After his sabbatical, he taught multiple sessions in the UTC College of Business Executive Education program and worked with the Assistant Dean of Graduate Programs in the College of Business in extending offerings from the Executive Education Program to the Chattanooga business community.
- **Editorial Board Member** (2016-2017): *European Journal of International Management, Journal of Global Mobility, Management International Review*
- Delivered 6 seminars on leadership to local community groups
- Served as **Journal Editor** (2016-2017) for *Advances in Global Leadership*.
- Served as **Book Series Editor** (2016-2017) for the *Emerald Frontiers in Global Management Series*

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

This upcoming academic year Dr. Mendenhall has taken on an internal outreach project for the College of Business to identify the 25-50 most successful graduates from the College of Business so that they can be contacted and invited back to UTC to share their knowledge and experience with students and faculty.

## UT Chattanooga Lyndhurst Chair of Excellence in Arts Education

### Status of the Chair of Excellence

The *Lyndhurst Chair of Excellence in Arts Education* was created in 1996. The Chair position was vacated in 2013. The former Chair holder, Professor Kim Alan Wheatley (MA – Schiller College, Berlin, Germany) served from 1997 and retired in December 2013. Although a search was conducted in 2016, it did not yield suitable candidates. A new search will be initiated in the fall of 2017.

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

### Status of the Chair of Excellence

Since 2001, Dr. James Tucker has served as the Chair Holder 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 (2016-2017):** 3

**Presentations (2016-2017):** 3

**Graduate Students (2016-2017):**

- Chairing four dissertations: 1 doctoral student graduated in May 2017 and 4 doctoral students expected to graduate in 2017-18 plus member of 2 additional dissertation committees
- Directed six graduate students' research projects that were presented at the UTC Research Day event
- Taught two graduate courses in the School Psychology program

**Faculty Mentoring or Other Active Collaboration**

- Ongoing collaboration with Hamilton County School personnel, UTC faculty, and graduate students in providing *Provide* training and collaborative intervention for low-functioning students in Hamilton County
- Ongoing collaboration in research and conceptual development between the Chair-holder and faculty from at least 10 institutions (examples: California State University, Howard University, the University of Missouri, and the University of Minnesota)

**Other Evidence of Impact on the Institution**

- Re-elected to the Board of Directors of the International Society of Ethical Psychology and Psychiatry
- Serve as co-editor of the peer-reviewed journal *Ethical Human Psychology and Psychiatry*

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

**Short term Goals and Plans (2017-18):**

- Continue currently ongoing activities that involve both UTC and the community at large
- Further development and application of the Chair holder's primary research agenda, which relates to incremental rehearsal as a learning tool and an instructional strategy
- Continue the McKee Learning Lunch series—at least four lunches per academic year
- Work with local schools to provide one or more public-school laboratory settings for school-psychology students to engage in effective instructional interventions

**Long term Goals:**

- Expand the McKee Learning Lunch Initiative to include community involvement
- Expand the operation of the McKee Chair in both research and application domains.
- Using graduate assistants, explore the possibility of a workgroup on the subject of Tennessee's advocacy program for students with disabilities, including the assembling of a work group to explore the development of a more effective advocacy system in Tennessee to serve students with disabilities

## University of Tennessee, Knoxville, 2016-2017

Chair of Excellence	Date Established	Chair Holder
1) Bernard Blasingame Chair of Excellence in Agricultural Policy	1989	Vacant as of May 2015
2) Bernadotte E. Schmitt Chair of Excellence in History	1987	Dr. Robert J. Norrell
3) Julia G. and Alfred G. Hill Chair of Excellence in Science, Technology, and Medical Writing	1987	Dr. Mark Littmann
4) Clayton Homes Chair in Finance	1988	Vacant as of July 2017
5) Harry and Vivienne Bruce Chair of Excellence in Business	1989	Dr. Theodore P. Stank
6) Condra Chair of Computer Integrated Engineering & Manufacturing	1986	Dr. Matthew Mench
7) Condra Chair of Excellence in Power Electronics	1986	Dr. Fei (Fred) Wang
8) Forrest & Patsy Shumway Chair in Romance Language	1987	Dr. Rudyard Alcocer
9) Goodrich Chair Waste Management & Environmental Engineering	1988	Dr. T. Papanicolaou
10) Hodges Chair of Excellence in English	1985	Dr. Joy Harjo-Sapulpa
11) Ivan Racheff Chair of Materials Science & Engineering	1985	Dr. Peter K. Liaw
12) Ivan Racheff Chair of Plant Molecular Genetics	1985	Dr. C. Neal Stewart
13) J. Fred Holly Chair of Excellence in Economics	1987	Vacant as of August 2017
14) Nancy Gore Hunger Chair in Environmental Studies	1994	Dr. Daniel Simberloff
15) Pilot Chair of Excellence in Leadership	1986	Dr. Mandyam M. Srinivasan
16) UTK Willis Lincoln Chair in Physics	1992	Dr. Cristian Batista
17) H.H. Arnold Chair of Computational Mechanics	1996	Dr. John D. Schmisser
18) Edward J. and Carolyn P. Boling Chari of Space Propulsion	1987	Vacant as of 2012



## **University of Tennessee, Knoxville and UT Institute of Agriculture Bernard Blasingame Chair of Excellence in Agricultural Policy**

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

The Chair has been vacant since Dr. Daryll Ray retired in May 2015. A search committee was appointed, and the position description has been revised and announced nationally. The search is actively underway, and four finalists have been identified to interview for the position. Interviews are scheduled and currently underway. A new appointment is expected in fall 2017.

# University of Tennessee, Knoxville

## Bernadotte Schmitt Chair of Excellence in History

### Status of the Chair of Excellence

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

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

#### Publications and performances (2016-2017)

- Editor and Contributor, *Historians in Service to the South* (New South Books, 1917)

#### Graduate Students Mentored: (2016-2017):

- Matthew Blaylock – Community development in Asheville, NC (2016 graduation)
- Josh Hodge – Land use in late 19th century Alabama
- Max Matherne—Patronage and Appointments in early Jacksonian politics

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

#### Short term Goals and Plans (2017-18)

- Serve on Department Head's Advisory Committee
- Participate in the Department's Bridge to AP American History
- Participate in the Department's Development efforts with Alumni

#### Long term Goals

- Pursue and publish a study of the memory of World War I and II among the writing and speaking by historians and journalists in the United States and Germany between 1914 and 1968. One of the main foci among the historians is Bernadotte Schmitt, the UT graduate and Pulitzer Prize winner for whom this Chair of Excellence is named.

**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**

Since 1991, Dr. Mark Littmann (PhD English, Northwestern University, 1969) has served as the Chair Holder of the *Julia G. and Alfred G. Hill Chair of Excellence in Science, Technology, and Medical Writing*.

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

**Awards:** CCI Board of Visitors Professor (Endowed professorship 2015-2018)

**Publications and performances (2016-2017):** 4

**Presentations (2016-2017):** 7

**Graduate Students Mentored: (2016-2017):** 3 master's students

**Faculty Mentoring or Other Active Collaborations (partial list):**

- Collaborated with Fred Espenak, NASA GSFC astrophysicist (retired), on a book on the great American total solar eclipses of 2017 and 2024 (Oxford Univ Press, 2017)
- Collaborated with Fred Espenak & Joel Izatt on children's book on solar eclipses (DPZ Tech., 2017)
- Collaborating with M.S. graduate Marlene Taylor on publishing an anthology of the best Hill Lectures

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

- Hill Lecture and Master Class manager—all year—1991 to present
- Program Chair, UT Science Forum (weekly public talks by UT & ORNL sci. researchers)—1999 to present
- Established and continue to fill many science-writing internships at ORNL, ORAU, and UT—2000 to present

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

**Short term Goals and Plans (2017-18)**

- Lead group of 50 to observe 8/21/2017 total eclipse in Douglas, WY
- Complete Halley & Newton play
- Complete anthology of best Hill Lectures, co-edited with M. Taylor
- Rewrite and publish article on science communication workshops for NSF and NIH grants

**Long term Goals**

- Submit grant proposals to fund productions of Herschel & Halley/Newton plays
- Publish anthology of the best Hill Lectures
- Write & publish article on Science Writing as Literature course

## University of Tennessee, Knoxville Clayton Homes Chair of Excellence in Finance

### Status of the Chair of Excellence

Since 1992, Dr. James Wansley has served as the Chair Holder of the *Clayton Homes Chair of Excellence in Finance*. Effective June 30, 2017, Dr. Wansley has retired from the University, after serving as a faculty member for 29 years.

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

#### **Publications and performances (2016-2017):**

- Editor and Contributor, *Historians in Service to the South* (New South Books, 2017)

#### **Graduate Students Mentored: (2016-2017):**

- Karen Craig, Finance PhD student; graduated in 2013, research publications in progress

#### **Other Evidence of Impact on the Institution: (2016-2017):**

- Served as core faculty member for our Executive MBA program for Strategic Leadership;
- Served as core faculty member for our Aerospace & Defense MBA program.
- Served as Finance Department head, August 2015-December 2015. Stepped down as department in January 2016 after 20 and one-half years in position.
- Serve as program Director for the Aerospace and Defense MBA Program.

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

Effective July 1, 2017, the Clayton Homes Chair of Excellence in Finance is vacant. The Dean and department head will begin the process of appropriately filling this position.

# 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. Dr. Theodore P. Stank has served as the Chair Holder since 2010. He is Professor of Logistics and Supply Chain Management and earned his PhD in Marketing and Distribution from University of Georgia, 1994.

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

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

- Executive Director of Demand and Supply Integration Forums that generates annual revenue in excess of \$750,000 and contributes over \$400,000 to department excellence including faculty and PhD student research funding
- Author and contributing editor of two white papers that attracted \$85,000 in research funding

**Publications (2016-2017):** 6

**Presentations (2016-2017):** 9

**Graduate Students Mentored: (2016-2017):** 10 students (1 PhD student, 5 ProMBA students, and 4 EMBA in Global Supply Chain students)

#### Faculty Mentoring or Other Active Collaborations:

- Principle Investigator on multi-year project focused on last mile delivery, currently focused on consumer value requirements and pricing sensitivity for last mile delivery; and chain network design modeling and product flow
- Department head special projects execution and leadership counseling with Chad Autry
- Provided strategic leadership for supply chain faculty to enhance overall program performance
- Formal faculty mentor for Dr. Diane Mollenkopf and Dr. John Bell

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

- 2016 Haslam College of Business Nominee for the SEC Faculty Achievement Award
- Executive Director for Global Supply Chain Institute Applied Research initiative designed to create and disseminate basic and applied supply chain knowledge
- Educational Advisor to Health and Personal Care Industry Logistics Conference
- Associate Editor of *Journal of Business Logistics* and *International Journal of Physical Distribution and Logistics Management*
- Editorial Review Board for *Journal of Operations Management*
- Chair of Haslam College Dean's Faculty Advisory Council
- Chaired search committee for 2017 Supply Chain Management faculty hire
- Developed first Haslam College of Business (HCB) fully online core business course in Intro to Supply Chain Management (SCM) to be offered initially in Fall 2017

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

### Short term Goals (2017-2018)

- Successfully deliver first fully online offering of HCB core course in Intro to SCM in Fall 2017
- Create, edit and produce e-textbook titled “Leveraging Supply Chain Management to Drive Organizational Success” for use in undergraduate and MBA degree program and non-degree online programming; Intention is to use the publication to drive the UT SCM brand globally
- Work with department head and other senior faculty to strategically allocate faculty resources across multiple activity areas critical to Supply Chain program value-creation
- Continue to build viable thought leadership relationships with leaders in leading edge organizations

### Long term Goals

- Ensure that University of Tennessee Supply Chain Management program is consistently recognized as the Top SCM program in the world
- Work with college and campus leadership to ensure that Supply Chain Management is successfully aligned with multiple disciplines so as to play a role in UT’s ascension to a Top 25 institution
- Re-energize my own knowledge base by spending a Faculty Development Leave semester with senior Supply Chain leaders from top Fortune 500 companies
- Establish UTK Supply Chain Press brand through online and print publications that are adopted for use by educational institutions and corporations around the globe

# University of Tennessee, Knoxville

## 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 Chair Holder of the *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 (2016-2017):

- Development of hand-cranked perpetually cooled vaccine delivery system for the developing world (funded by the PATH Foundation), 2016-2017
- Support for International Association for Hydrogen Energy Activities (funded by Richard Lounsbery Foundation), 2014-2017

**Publications (2016-2017):** 18 Journal Publications, multiple abstracts

**Presentations (2016-2017):** Numerous presentations and invited talks

**Graduate Students Mentored: (2016-2017):** 2 PhD graduated, 4 PhD current

#### Faculty Mentoring or Other Active Collaborations:

- As Department Head, actively provided mentorship for numerous faculty

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

- Named to the "World's Most Influential Scientific Minds: 2014" list by Thomson Reuters news service.
- 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
- Department Head of the Mechanical, Aerospace, and Biomedical Engineering Department, August 2013-present
  - Helped secure a \$1,000,000 endowment for the Rosenberg Professorship in Mechanical Engineering
  - Led the department in securing nearly 10 million dollars in external research funding for the first time in history

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

- Current goals focus on enhancing the Mechanical, Aerospace, and Biomedical Engineering Department, including securing faculty growth, external research funding for laboratories and fostering an environment that promotes innovation and quality research
- Seek and secure new and improved facilities for the department
- Seek external development opportunities for the department

# University of Tennessee, Knoxville

## Condra Chair of Excellence in Power Electronics

### Status of the Chair of Excellence

Dr. Fred Wang (PhD, USC, 1990) serves as the Chair Holder of the *Condra Chair of Excellence in Power Electronics*. He earned a PhD Electrical Engineering from University of Southern California in 1990 and spent 10 years in industry at GE Energy, Industrial Systems and Global Research. Prior to coming to UTK, Dr. Wang served as Associate Professor and Technical Director in the renowned Center for Power Electronics Systems, Virginia Tech. He currently holds a joint appointment at ORNL and serves the Technical Director of CURENT.

Dr. Wang is the author of 97 journal publications, 296 conference papers, 3 book chapters, and 12 awarded or pending patents. Selected awards and honors include recognition as an IEEE fellow, a GE Dushaman Award (highest technical team award in GE) recipient, and 2013 COE Research Fellow.

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

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

- Principal or Co-Principal Investigator:
  - NSF-DoE Center for Ultra-Wide-Area Resilient Electric Energy Transmission Network (CURENT), \$30,500,000
  - DoE Advanced Research Projects Agency – Energy, \$2,500,000
  - DoE Advanced Manufacturing Office, \$2,900,000
  - DoE/General Electric, \$250,000
  - NASA/Boeing and additional Boeing projects, \$800,000
  - UT-Battelle projects \$840,000
  - Other sources, \$185,000

#### Publications (2016-2017):

- 9 journal publications in IEEE journals related to power electronics
- 15 conference papers at IEEE APEC, IEEE ECCE, and other conferences
- Filed one US Patent

**Presentations (2016-2017):** Invited presentation at IEEE Workshop on Emerging Technology on Transportation Electrification and NIST, over a dozen presentations to industry visitors and at other universities

**Graduate Students Mentored: (2016-2017):** 15

#### Faculty Mentoring or Other Active Collaborations:

- Mentor for Dr. Daniel Costinett, Assistant Professor, UTK Department of Electrical Engineering and Computer Science
- Active collaboration with Dr. Ben Blalock, Professor, UTK Department of Electrical Engineering and Computer Science
- Active collaborations with all CURENT faculty



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

- CURENT technical director
- Led the \$800K upgrade of power electronics lab for the start of the prestigious DOE WBG Traineeship

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

- Maintain high productivity on research grants, publications, and student advising
- 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 Language

### Status of the Chair of Excellence

The *Forrest and Patsy Shumway Chair of Excellence in Romance Languages* was established in 1987; Dr. Rudyard Alcocer (PhD, University of Iowa) has held the Chair since August 2013. A researcher and teacher in Latin American literatures and cultures broadly stated, and more specifically in literatures and cultures from the Caribbean region,

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

#### Publications (2016-2017):

- Currently completing an edited volume, *Celluloid Chains*, which examines recent films about slavery in the Americas (scheduled for publication in 2017 through University of Tennessee Press). Dr. Alcocer is lead editor and author of the introduction and one regular chapter. *Celluloid Chains* is scheduled to appear in 2017 and features seventeen articles by top scholars across North American and Caribbean universities, including four faculty members and one graduate student from UTK.
- Also completing monograph on empirical approaches to literary studies.
- Published refereed journal article: "Consuming Slavery? Santiago de Cuba's *El Barracón Restaurant*." *Caribbean Quarterly: A Journal of Caribbean Culture* 62 (2), pp. 193-209. August 2016.
- Published book chapter: "Big-Screen Adaptations of Two Gabriel García Márquez Novels: A Reappraisal." Co-authored with Haley Osborn (MFL doctoral student). *Gabriel García Márquez in Retrospect* (Lexington Books), edited by Gene Bell-Villada. November 2016, pp. 213-29.

#### Presentations (2016-2017):

- Presented scholarly paper South Atlantic Modern Language Association conference held in Jacksonville, FL; also organized and presided over a panel linked to *Celluloid Chains* edited volume at the annual MLA conference (Philadelphia).

#### Graduate Students Mentored: (2016-2017):

- Taught one graduate-level class in Hispanic Studies as well as an upper-level undergraduate course in Hispanic Studies.

#### Faculty Mentoring or Other Active Collaborations:

- Faculty mentor for *Vernacular*, Modern and Foreign Language and Literature's (MFL) online graduate student journal. *Vernacular* published its second issue in April.

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

- Visited the University of San Marcos in Peru for research and recruitment purposes.

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

Dr. Alcocer is pleased and honored to hold the Shumway Chair of Excellence in Romance Languages and is cognizant of the special duties and privileges the position entails. Departmental and extra-departmental activities focused on excellence and leadership in scholarship, teaching, and service will continue to enhance the effectiveness of the Chair position.

# University of Tennessee, Knoxville

## Goodrich Chair Waste Management and Environmental Engineering

### Status of the Chair of Excellence

Dr. Papanicolaou (PhD, Virginia Tech) joined The University of Tennessee Knoxville in January 2014 and was awarded the *Goodrich Chair of Excellence in Waste Management and Environmental Engineering*. Dr. Papanicolaou held previous faculty appointments at Washington State University and a named Professorship at the University of Iowa. He has received numerous international and state awards for research and graduate student mentoring, including the Hunter Rouse Hydraulic Engineering Award and the Walter Huber Award from the American Society of Civil Engineers.

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

**Active Grants and Other Sources of Funding:** 21 active research grants, totaling over \$2.4 million in funding. Agencies include: NSF; USGS; USDA; NASA; NAS/USDOT; ORNL; Tennessee, Iowa, and Washington DOTs; and the Town of Farragut, TN.

**Publications (2016-2017):** 11 peer-reviewed publications and 5 Conference proceedings. Journals include: *Water Resources Research*; *Journal of Fluid Mechanics*; *Earth Surface Processes & Landforms*; and *Journal of Hydraulic Engineering*

**Presentations (2016-2017):** eight with 1 invited at NSF-CZO meeting

**Graduate Students and Post-Docs Mentored: (2016-2017):** nine

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

- Jon Hathaway, Asst. Professor; Christopher Wilson, Research Assistant Professor

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

- UTK Department of Civil and Environmental Engineering: Chair, Faculty Teaching Review Board; Group Coordinator, Environmental Engineering - Water Resources Group; Lead, Faculty Search Committee
- Mentor, UTK/ORNL Bredesen Center for Interdisciplinary Research and Graduate Education
- Lead Researcher, UTK Organized Research Unit - Initiative for Food, Water, and Energy
- Member, National Task Hypoxia Committee in the Gulf of Mexico
- Chief Editor, *Journal of Hydraulic Engineering* & Editorial board for *IJSR* and *WRR*, AGU
- Director, NSF Intensively Managed Landscape Critical Zone Observatory
- Director, USGS-NIWR Tennessee Water Resources Research Center
- Director, Hydraulics & Sedimentation Laboratory

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

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

# University of Tennessee, Knoxville

## John C. Hodges Chair of Excellence in English

### Status of the Chair of Excellence

Dr. Joy Harjo-Sapulpa was appointed to the *Hodges Chair of Excellence in English* (previously held by Dr. Elizabeth Jane Bellamy who retired in 2015) on August 1, 2016. Dr. Harjo-Sapulpa (Honorary, Benedictine College) is an accomplished poet, musician and author, bringing over thirty years of experience and creative work to the University. Along with numerous awards and fellowships for her poetry and books, she has received lifetime achievement awards from the Native Writers Circle of The Americas, The Academy of American Poets, and the prestigious Guggenheim Memorial Foundation Fellowship.

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

**Publications (2016-2017):** Several publications, including the poem, "By the Way" in the *New Yorker*, December 2016.

**Graduate Students and Post-Docs Mentored: (2016-2017):**

- PhD Dissertation advisor Katherine Condon and Jeremy Reed
- MFA Thesis advisor to Nicole Yackley, Adam Walton (committee chair)

**Faculty Mentoring or Other Active Collaborations:**

- Faculty Advisor to Chloe Hanson

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

- Native American Student Association Advisor
- Awarded the highest honor from the Poetry Foundation, the Ruth Lilly Prize for lifetime achievement.

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

- Revisions on play script *We Were There When Jazz Was Invented*
- Write, record, and master one song: "An American Sunrise" for the play script. The rest of the album is in pre-production. Will work with producer Barrett Martin with Sunyata Records to produce an album of music that features indigenous contributions to the birth of blues and jazz
- Proposed a Norton Anthology, and was given the verbal go ahead for a Norton Anthology of Native Poetry. Will submit the book outline by September 30. Will include UTK students in the visioning and editing process, beginning spring 2018 semester.
- Complete a book of poetry for Norton publication, tentatively titled: *Break My Heart: An American Sunrise*
- Invite Senior Vice President of Norton, and published novelist, memoirist and poet, Jill Bialosky, to UTK to speak with students and UTK community about publishing and to read from her new memoir: *Poetry Will Save your Life: A Memoir*

# University of Tennessee, Knoxville

## Ivan Racheff Chair of Materials Science and Engineering

### Status of the Chair of Excellence

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

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

#### Active Grants and Other Sources of Funding: (Grants over \$100,000 listed)

- Army Research Office (with Dr. F. Zhang); \$372,000
- Columbus McKinnon; \$180,000
- Department of Energy (DOE) grants; \$1,350,000
- National Science Foundation (NSF) grants; \$716,536
- Haynes International, Inc.; \$180,000

#### Publications (2016-17):

- Professor Liaw and his team have produced 72 publications, including 6 Acta Materialia, 4 Scripta Materialia, and 11 Scientific Report papers.
- A new book on "High-Entropy Alloys: Fundamentals and Applications" has been edited with colleagues.

#### Presentations (2016-2017):

- Professor Liaw and his team have 98 presentations.
- Keynote, invited or contributed presentations have spanned the US, China, Japan, and Germany, including 28 and 32 presentations at the 2016 and 2017 TMS annual meetings, respectively

#### Graduate Students Mentored: (2016-17): 20

**Faculty Mentoring or Other Active Collaborations:** Six Research Associates & 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 67 TMS symposia, including the very successful "Bulk Metallic Glass", "High Entropy Alloys," and "Neutron/Synchrotron Diffraction for Advanced Materials" Symposia at the TMS annual meetings

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

- Continue to study mechanical behavior of advanced high-entropy alloys, bulk-metallic glasses and steels, and explore the fabrication methods of high-entropy alloys
- Serration characteristics in the stress-strain curves of high-entropy alloys and bulk-metallic glasses will be investigated and modeled
- Several NSF, DOE, and industry proposals will be prepared and submitted with colleagues



# University of Tennessee, Knoxville and UT Institute of Agriculture Ivan Racheff Chair of Excellence in Plant Molecular Genetics

## Status of the Chair of Excellence

Dr. C. Neal Stewart, Jr. (PhD, Virginia Tech, 1993) serves as Chair Holder to 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 4 new grants awarded during the fiscal year totaling \$520k.
- During the fiscal year there was a total of 16 active grants and contracts from agencies including Advanced Research Projects Agency-Energy, DOE, NSF, USDA, private companies and foundations.

**Publications (2016-2017):** A total of 23 journal articles were published during the period.

**Presentations (2016-2017):** Over 30 outside presentations were given to scientific and lay audiences, including invited presentations to:

- American Society of Plant Biologists
- MIT Lincoln Lab
- The Genome Project-write Consortium
- National Academy of Science and National Academies-sponsored speaking tour of Hawaii

### Graduate Students Mentored: (2016-2017):

- Reginald Millwood, PhD, unknown completion, plant sciences
- Chelsea Johnson, Master's expected in mid-2017, plant sciences
- Shamira Sultana, Master's expected to finish 2018, plant sciences
- Tammy Stackhouse, Master's expected to finish 2018 plant sciences
- Joshua Grant, Master's completed Spring 2017 plant sciences
- Grace Collins, Master's completed Fall 2016 plant sciences

### Faculty Mentoring or Other Active Collaborations:

- The Racheff Lab has active collaborations in 10 departments at UT among 3 colleges, ORNL and many outside institutions.
- Dr. Stewart serves as faculty mentor for assistant professors Tarek Hwezi and Scott Lenaghan, and research assistant professors Wusheng Liu and Priya Ranjan.
- Dr. Stewart mentors 22 undergraduates in research, 2 high school students, 11 technical and administrative staff, and 11 postdocs research scientists, and visiting scientists.

### Other Evidence of Impact on the Institution:

- Dr. Stewart is an inventor on 17 pending or awarded patents, is the Co-director of the Tennessee Plant Research Center, and had one new US patent issued during the period. A total of 8 patents have issued and 12 are pending.

- One undergraduate student researcher won the 2017 EURECA undergraduate competition for CASNR and was top 3 in all of UT.
- Stewart was nominated for UT President's Award 2017-2017 in the category "Discover."

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

### Short term Goals (2017-2018)

- After having over 12 graduate students and postdoc trainees finish their programs in the past 24 months, the goal is to reload both funding and recruit new young scientists into the Racheff Lab.
- Over the next 12 months, there will be a significant push to request new funding from DARPA and the NSF for multiple projects in the synthetic biology of plants with the ultimate goal for improving agricultural and environmental sustainability.

### Long term Goals

- The main long term goal is to use synthetic biology to push the frontier of plant/crop design for better yield, food security, and new uses of plants for environmental sensing, including in the built environment.

# University of Tennessee, Knoxville

## J. Fred Holly Chair of Excellence in Economics

### Status of the Chair of Excellence

The *J. Fred Holly Chair of Excellence in Economics* was established in 1987 and Dr. William Neilson (PhD Economics, University of California, 1988) serves as the Chair Holder.

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

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

- Coca-Cola Foundation, annual gift to the Economics Department (\$19,000)

#### Publications 2016-17):

- "Shareholder Protection and Agency Costs: An Experimental Analysis," with Jacob LaRiviere and Matthew McMahon, *Management Science*, forthcoming.
- "The Effects of Group Composition in a Strategic Environment: Evidence from a Field Experiment," with John List and Michael Price, *European Economic Review* 90, November 2016, 67-85.
- From Taste-Based to Statistical Discrimination," with Shanshan Ying, *Journal of Economic Behavior and Organization* 129, September 2016, 116-128.

#### Presentations (2016-17):

- Ohio University, January 2017
- Robert Morris University, May 2017

#### Graduate Students Mentored (2016-17):

<i>Student</i>	<i>Status</i>
Carlton Freeman	expected to complete PhD. May 2018, focus on organizational economics
Jing Li	expected to complete PhD Aug 2017, focus on behavioral labor economics
Yancheng Xiao	expected to complete Ph.D. May 2019, focus on health economics

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

- Editor-in-chief of the *Journal of Economic Behavior & Organization*
- Head of the Department of Economics

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

Retiring July 2017, search for next Holly Chair of Excellence to commence in Fall 2017

## UT Knoxville

### Nancy Gore Hunger Chair in Environmental Studies

#### Status of the Chair of Excellence

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

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

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

- Preparing proposal on hemlock woolly adelgid

##### Publications (2016-2017):

- 27 publications, including 19 articles, 6 book reviews and 2 popular articles
- Co-edited book *Integrating Biological Control into Conservation Practice*, Wiley-Blackwell, 2016

**Presentations (2016-2017):** 13 at conferences and 9 at universities

##### Graduate Students Mentored: (2016-2017): 3

- Jessica Welch - invasion biology and bat conservation (graduated May 2017)
- Maria Daniela Rivarola - rodent ecology (May 2018)
- Jordan Bush – mathematical modeling; herpetofaunal ecology (May 2018)

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

- Pursuing seven manuscripts and one book with colleagues and developing 5 other research projects
- Mentoring post-doctoral fellow (Christine Leppanen)

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

- Courses Taught (2016-2017): Invasion biology, Biogeography, Core graduate ecology (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.
- Awarded the Honorable John C. Pritzlaff Conservation Award by the Santa Barbara Botanic Garden, 2016
- Service (continuing) on committee of National Invasive Species Council on managed translocation and related issues

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

- Finish publications in preparation on various aspects of ecology invasion biology
- Continue research on several projects related to invasion biology
- Continue work on a book on the history of invasion biology
- Write annotated new edition of classic book on invasion biology

# University of Tennessee, Knoxville

## Pilot Corporation Chair of Excellence in Leadership

### Status of the Chair of Excellence

The *Pilot Corporation Chair of Excellence in Leadership* was established in 1986 and Dr. Mandyam M. Srinivasan serves as the Chair Holder.

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

#### Publications (2016-2017):

- Mandyam M. Srinivasan, (2017). "Lean in Maintenance, Repair and Overhaul: New Directions," T. H. Netland and D. J. Powell (ed.), Chapter in *Routledge Companion on Lean Management*, pp. 311-320
- Melissa R. Bowers, Col. Reggie Hall and Mandyam M. Srinivasan, (2017). "Organizational culture and leadership style: The missing combination for selecting the right leader for effective crisis management," *Business Horizons*, v 60, no. 4, pp. 551-563

#### Presentations – selected (2016-2017):

- "Improving Performance in Multi-Project Environments: Systematic Approach to Resource Loading," presentation at the Theory of Constraints International Certification Organization's 2016 International Conference, Leesburg, VA, Sept 2016
- "Developing the Thinking Processes," tutorial presented at Delta Airlines, Atlanta, January 9-10, 2017
- "Enabling the Viable Vision," presentation made to the Aalto Executive Education Academy, Singapore, July 14, 2017
- Multiple presentations at leading organizations, including Lockheed Martin, Eastman Chemical, Delta Airlines, and Worthington Steel

#### Faculty Mentoring or Other Active Collaborations:

- Working with Professor S. Viswanathan, Associate Dean for Research, Nanyang Business School, Singapore, on models for measuring organizational profitability
- Mentoring Dr. Paolo Letizia on his teaching and research programs

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

- Working with Lockheed Martin, Marietta, since June 2016 to generate a viable vision that will significantly improve their productivity and profitability
- Owner/Developer of Theory of Constraints Institute, Graduate and Executive Education (GEE)
- Lead faculty for two 5-day executive programs offered by GEE: Lean MRO and Lean-TOC
- Core faculty member in four Executive MBA programs run by GEE

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

### Short Term Goals

- Publish the paper, "Analytical Models for Streamlining Steel Production," in *Transportation Journal*. Expected date of submission: September 2017
- Write a paper on Lockheed Martin's journey to operational excellence, for submission to *Journal of Operations Management*, a premier journal in Business Analytics, co-authored by M.R. Bowers and K. Gilbert

### Long term Goals

- Continue to work on initiatives for improving the external reputation of the department and Haslam College of Business programs

## University of Tennessee, Knoxville UTK Willis Lincoln Chair in Physics

### Status of the Chair of Excellence

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

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

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

- "Center for computational design of functional strongly correlated electron materials and theoretical spectroscopy" Brookhaven National Laboratory, PI (Gabriel Kotliar)
- "Effective exchange interactions for rare-earth materials" LDRD program of Los Alamos National Laboratory, PI (Filip Ronning)

**Publications (2016-17):** seven publications and seven works submitted for publication

**Presentations (2016-17):** four presentations in international workshops and four presentations at universities

#### Faculty Mentoring or Other Active Collaborations:

- Faculty mentor for Profs. Steve Johnston, Haidong Zhou and Jian Liu for external funding submissions.
- Collaborations are ongoing with: Prof. Haidong Zhou, Prof. Elbio Dagotto, Prof. Hanno Weitering, Prof. Jian Liu and Prof. David Mandrus
- Liaison between UT and the Spallation Neutron Source (SNS) at ORNL for generating collaborative projects.
- Coordinator of a new series of condensed matter seminars at the Joint Institute for Advanced Materials (JIAM). The main goal of these seminars is to nucleate collaborations between different members of JIAM. These collaborations are the basis for writing proposals for block funding

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

- In May, Dr. Batista visited three Universities in China, Fudan University, Jiao-Tong University and the University of Science and Technology, with the purpose of promoting the University of Tennessee and recruiting excellent students for our graduate program.
- Dr. Batista and Prof. Jian Shen (Chair of the Department of Physics of Fudan university) are exploring the possibility of starting an undergraduate student exchange program with the UTK Department of Physics and Astronomy.
- In addition to the regular course in quantum mechanics, Dr. Batista led a special seminar course on condensed matter seminars. One goal of this new class is to improve the communication skills of our students.

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

### **Recommendation:**

- Additional recruitment of high quality PhD students is critical to program goals. More proactive recruiting processes and international exchange programs with top global universities are needed.

### **Short term Goals and Plans (2017-2018):**

- Develop novel methodologies for assisting the experimental efforts at JIAM and SNS
- Write individual PI BES and NSF proposals
- Promote the new series of condensed matter seminars into a more general series of seminars on Advanced Materials
- Implement ideas for attracting and recruiting excellent graduate students in our program.
- Improve the communication skills of our students
- Promote a more interactive environment for our students, with special emphasis on collaborations between experiment and theory
- Create a summer student program at the Shull Wollan center (UT-ORNL). The goal is to train students on theoretical approaches for modelling and reproducing Neutron Scattering data

### **Long term Goals:**

- Build a strong theory group in correlated electron physics that will interact strongly with the experimental efforts at UTK and the SNS. The goal is to close the making-measuring-modeling triangle by providing theoretical support to the other two vertices, which are already strong at UT/ORNL. Dr. Batista believes this is the type of integration needed to successfully compete for external funding.



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

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

A national search has been underway since March 2017. UTSI Associate Executive Director Dr. Ed Kraft is the Chair of the search committee. The Mechanical, Aerospace and Biomedical Department (UT Knoxville), under the direction of Dr. Matthew Mench, is the department responsible for conducting the national search. Plans are to fill the Chair as soon as possible. Dr. Kraft will coordinate the search with Dr. Mench and the Executive Director of UTSI Dr. Mark Whorton. Dr. Gary Flandro held the chair from 1991 – 2012.

# University of Tennessee, Knoxville and Space Institute

## H.H Arnold Chair of Computational Mechanics

### Status of the Chair of Excellence

The *H. H. Arnold Chair of Computational Mechanics* was established in 1996 and Dr. John D. Schmisser was hired as the Chair holder effective August 2014. He will be teaching and leading research at the University of Tennessee Space Institute. Prior to joining the faculty, Dr. Schmisser was the Chief of the Energy, Power & Propulsion Sciences Division and Program Manager for Aerothermodynamics within the Air Force Office of Scientific Research (AFOSR).

Dr. Schmisser is active within the professional community including serving as Chair of the AIAA Fluid Dynamics Technical Committee and a NATO Science and Technology Organization working group. He is also a frequent keynote speaker at a variety of scientific meetings. He is a Fellow of the American Institute of Aeronautics and Astronautics (2012) and the Air Force Research Laboratory (2013) and is the 2008 recipient of the Air Force Science and Engineering Award in Research Management. He is also a 2014 Recipient of the *Purdue Outstanding Aerospace Engineer Award*, awarded to distinguished graduates of the School of Aeronautics and Astronautics.

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

**Active Grants and Other Sources of Funding:** During his three years at UTSI, Dr. Schmisser has developed \$3.9M in external funding and an additional \$1M in support from the state for a new large Mach 4 wind tunnel, the *Tennessee Aerothermodynamics Laboratory* (TALon). During 2016-2017 his research group at UTSI, HORIZON, had nine active funded efforts. Examples of the sponsored projects include the following:

- \$1,100,000 grant from the Office of Naval Research (UTSI leads team of TAMU, PSU and UTK) to characterize the fundamental behavior of transitional shock/boundary layer interactions
- \$582,047 from the DoD High-Performance Computing Modernization Office for development of hypersonic capabilities within the CREATE™ software environment
- \$398,085 from the Air Force Research Laboratory (AFRL) to support the experimental investigation of high-speed corner flows with the AFRL branchy located at the Air Force Arnold Engineering Development Complex (AEDC)

#### **Publications (2016-17):**

- Andrew Leidy, Ian Neel, Rodney D. Bowersox, and John D. Schmisser. "Influence of Perturbations on 3-D Hypersonic Shock Laminar Boundary Interactions", 55th AIAA Aerospace Sciences Meeting, AIAA SciTech Forum, (AIAA 2017-1685)
- E. L. Lash, Christopher S. Combs, Phillip A. Kreth, and John D. Schmisser. "Experimental Investigation of a Cylinder-Induced Transitional Shock Wave-Boundary

Layer Interaction", 55th AIAA Aerospace Sciences Meeting, AIAA SciTech Forum, (AIAA 2017-0760)

- Stefen A. Lindörfer, Christopher S. Combs, Phillip A. Kreth, and John D. Schmisser. "Numerical Simulations of a Cylinder-Induced Shock Wave/Boundary Layer Interaction", 55th AIAA Aerospace Sciences Meeting, AIAA SciTech Forum, (AIAA 2017-0534)
- Brian D. Kocher, Christopher S. Combs, Phillip A. Kreth, and John D. Schmisser. "Investigation of the Effects of Ablation-Induced Roughness on Supersonic Flows", 47th AIAA Fluid Dynamics Conference, AIAA AVIATION Forum, (AIAA 2017-4313)
- E. Lara Lash, Christopher S. Combs, Phillip A. Kreth, and John D. Schmisser. "Study of the Dynamics of Transitional Shock Wave-Boundary Layer Interactions using Optical Diagnostics", 47th AIAA Fluid Dynamics Conference, AIAA AVIATION Forum, (AIAA 2017-3123)
- Stefen A. Lindörfer, Phillip A. Kreth, Christopher S. Combs, and John D. Schmisser. "Limiting Cases for Cylinder-Induced Shock Wave/Boundary Layer Interactions", 47th AIAA Fluid Dynamics Conference, AIAA AVIATION Forum, (AIAA 2017-4311)
- Bradley Tester, James G. Coder, Christopher S. Combs, and John D. Schmisser. "Simulation of Transitional Shockwave/Boundary-Layer Interaction Using Advanced RANS-based Modeling", 47th AIAA Fluid Dynamics Conference, AIAA AVIATION Forum, (AIAA 2017-4315)

**Presentations (2016-17):** Numerous presentations to national audiences, regional community stakeholders and institutional collaborative partners. Highlights include:

- Keynote speaker at an Tennessee AIAA Section Event
- Invited lecture at a Federal Bureau of Investigation Training Event
- College of Engineering Colloquium speaker – University of Tennessee Chattanooga
- Science of Shooting STEM presentation at Tennessee 4H Youth Shooting Camp

**Graduate Students Mentored (2016-17):**

- Kevin Holst - PhD Candidate and AEDC Employee
- E. Lara Lash - PhD Candidate
- Stuart Steen - PhD student, recently took job at AEDC, continuing PhD studies
- Stefen Lindorfer - Graduated with M.S. May 2017, continuing as PhD student
- Ryan Tatro – Master’s Student and AEDC employee
- Jamie Szmodis - Master’s Student and AFRL employee
- Brian Kocher - Master’s Student and AFRL employee

**Faculty Mentoring or Other Active Collaborations:**

- Chair of UTK Department of Mechanical, Aerospace and Biomedical Engineering Early Career Faculty Mentoring Committee
- Individual mentoring for numerous UTK early career faculty, especially related to federal research funding

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

- Hosted NATO Science and Technology Organization Working Group meeting in hypersonic boundary layer transition – provided international exposure to research efforts at UTSI

- Key contributor to recruitment of Dr. Jim Coder to UTK. Dr. Coder was co-PI on ONR research project led by Schmisser and moved to UTK where he secured funding for major NASA University Leadership Initiative Award

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

### Short term Goals and Plans (2017-2018):

- Complete Mach 4 capability of *Tennessee Aerothermodynamics Laboratory (TALon)* and begin expansion to include a Mach 8 capability. TALon will be one of the largest academic high-speed tunnels in the U.S.

### Long term Goals:

- Secure substantial funding for the *Center for Test Sciences* consortium of 8 major universities to support workforce development and accelerated tech transition for hypersonic test and evaluation

## University of Tennessee Martin, 2016-17

	Chair of Excellence	Date Established	Chair Holder
1)	Gilbert Parker Chair of Excellence in Food and Fiber	1988	Dr. Joey Mehlhorn
2)	Horace and Sarah Dunagan Chair of Excellence in Banking	1988	Vacant since Jan 2015
3)	Tom E. Hendrix Chair of Excellence in Free Enterprise and Economics	1985	Dr. Tommy Cates

# University of Tennessee, Martin

## Gilbert Parker Chair of Excellence in Food and Fiber

### Status of the Chair of Excellence

Dr. Joey E. Mehlhorn (PhD, Agricultural Economics) serves as the Chair Holder of the *Gilbert Parker Chair of Excellence in Food and Fiber*. The Parker Chair is charged with coordinating the Master of Science in Agriculture and Natural Resources program. Activities include advising graduate students, teaching graduate courses in agribusiness and system science, recruiting students, and serving on student graduate committees.

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

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

- Tennessee Governor's School for the Agricultural Sciences (TGSAS), Tennessee Department of Education and Tennessee Department of Agriculture (\$156,000)
- Capacity Building Grants for Non-Land Grant Colleges of Agriculture (NLGCA) Program. NIFA-USDA (\$299,989)
- National Rifle Association UT Martin ROTC Program Grant (\$1,600)
- U.S. Poultry Foundation (\$3,700)
- USDA Rural Development Community Facility Grant. (\$100,000)

#### Publications (2016-17): Four

#### Presentations (2016-17): 15

#### Graduate Students Mentored (2016-17): Nine

#### Faculty Mentoring or Other Active Collaborations:

- Faculty mentor and coach for the UTM National Agri-Marketing Competition Team.
- Provided guest lectures in the area of Food Security and Agricultural Policy for College of Business and Global Affairs and UTM Honors classes.
- Led Introduction to Agribusiness course for 17 TGSAS scholars in 2017.
- Coordinator for the State FFA Farm Business Management Contest.
- Director of the Mid-South School for Advanced Agriculture Lending (with the office of the Dunagan Chair of Excellence).

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

- Continue to serve on the planning committee for the Mid-South Agricultural Finance Conference
- Recruit graduate students to the MSANR program and direct student projects.
- Continue leadership role in the UTM Agricultural Lending School
- Expand and diversify MSANR program as necessary to meet industry needs
- Expand external funding to support MSANR student 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**

The *Horace and Sara Dunagan Chair of Excellence in Banking* bridges academia and the banking profession together through innovative and impactful teaching and practitioner-oriented service and intellectual contributions.

The position is currently unfilled with an ongoing national search for the next faculty holder. In January 2017, John C. Clark, former President and CEO of First State Bank (now Simmons Bank) was hired as the Director of the Dunagan Chair of Excellence in Banking Office which is a non-academic role.

Mr. Clark has helped lead student outings to the Tennessee Bankers Credit Conference (Nashville) and presentations by First Tennessee Bank (Memphis) and the Federal Reserve Bank of St. Louis. He was also instrumental in partnering with First Bank to begin an internship program with UT Martin College of Business and Global Affairs students.

In August 2017, the Dunagan Office hosted the 16<sup>th</sup> Annual Mid-South Agricultural Finance Conference and the 6<sup>th</sup> Mid-South School of Advanced Agricultural Lending on the campus of UT Martin.

# University of Tennessee, 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*. The Hendrix Chair is oriented to supporting free enterprise through development of students in entrepreneurship and leadership both at the collegiate and the high school levels. This includes working with students who are interested in starting their own companies. Along with these emphases, teaching and research are required.

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

#### Presentations (2016-17):

- Presented two sessions at the statewide 2017 Tennessee Jump\$tart Convention

#### Faculty Mentoring or Other Active Collaborations:

- **Skyhawk Entrepreneurial Venture Workshop Series (12 Workshops)**
  - Cooperated with campus and community business leaders to develop curriculum
  - Selected and recruited speakers for the workshops
  - Coordinated the curriculum with the speakers
  - Developed recording procedures to provide the workshops online
  - Over 120 students and local community leaders attended the workshops
- **Developed and supported Pitch Night based on Entrepreneurship Workshops**
  - Worked with others to improve and organize the Pitch Night Events
  - Provided coaching to student groups for the event
  - Three teams were referred to the Student Competition for Launch Tennessee
- **Actively Supported of Northwest Tennessee Entrepreneurship Center (NTEC)**
  - Served on the Governing Board
  - Served as a reviewer of financial operations
- **Supported Tennessee Jump\$tart (Financial Literacy)**
  - Served on Board of Directors for the statewide coalition
  - Planned and actively supported the 2017 Tennessee Jump\$tart Convention for educational leaders
  - Presented two sessions at the statewide conference
  - Developed promotional materials and images to support the conference for 2018
  - Over 300 financial literacy teachers attended this conference
- **Taught classes at UT Martin**
  - Taught two undergraduate classes in management
  - Taught three graduate classes in leadership
- **Redesigned minors in Entrepreneurship and Leadership**



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

- Continue to serve on the Board of Directors for the Northwest Tennessee Entrepreneurship Center
- Continue leadership role in Tennessee Jump\$tart
- Increase involvement in entrepreneurship education in high schools
- Continue to provide economic and business assistance for departmental research projects
- Increase applied research efforts

## University of Tennessee Health Science Center, 2016-17

	Chair of Excellence	Date Established	Chair Holder
1)	Crippled Children's Hospital Foundation Chair of Excellence in Biomedical Engineering	1986	Vacant
2)	E. Erick Muirhead Chair of Excellence in Pathology	1986	Dr. Lawrence Pfeffer
3)	Federal Express Chair of Excellence in Pediatrics	1987	Dr. John Bissler
4)	First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics	1987	Dr. P. David Rogers
5)	Goodman Chair of Excellence in Medicine	1989	Dr. Arnold Postlethwaite
6)	Harriet S. Van Vleet Chair of Excellence in Biochemistry	1985	Vacant
7)	Harriet S. Van Vleet Chair of Excellence in Pharmacology	1985	Dr. Burt M. Sharp
8)	Harriet S. Van Vleet Chair of Excellence in Virology	1985	Dr. Colleen Jonsson
9)	Harriet S. Van Vleet Chair of Excellence in Microbiology and Immunology	1985	Dr. Terrance Cooper
10)	J. R. Hyde Chair of Excellence in Rehabilitation Engineering	1987	Dr. William M. Mihalko
11)	LeBonheur Chair of Excellence in Pediatrics (1 <sup>st</sup> chair)	1986	Dr. James W. Wheless
12)	LeBonheur Chair of Excellence in Pediatrics (2 <sup>nd</sup> chair)	1989	Dr. Stephania Cormier
13)	Mark S. Soloway Chair of Excellence in Urology	1992	Dr. Robert W. Wake
14)	Maury W. Bronstein Chair of Excellence in Cardiovascular Physiology	1988	Dr. Jonathan H. Jaggar
15)	Plough Foundation Chair of Excellence in Pediatrics	1986	Dr. Stephanie Cormier
16)	Semmes-Murphey Chair of Excellence in Neurology	1987	Dr. Andrei Alexandrov
17)	University of Tennessee Regional One Physicians Chair of Excellence in Obstetrics and Gynecology	1986	Dr. Giancarlo Mari
18)	Thomas A. Gerwin Chair of Excellence in Physiology	1987	Vacant
19)	William and Dorothy Dunavant Chair of Excellence in Pediatrics	1987	Dr. Jonathan McCullers

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

**Status of the Chair of Excellence**

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

There are no current plans to fill this Chair position.

# 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 Chair Holder of the *E. Eric Muirhead Chair of Excellence in Pathology*. His research focus is on identifying the role of dysregulated miRNAs, and of dysregulated signaling pathways in cancer stem-like cells in the therapeutic resistance of cancer.

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

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

- West Clinic Research Grant (PI: Pfeffer) 1/1/17-12/31/18 "APELA as biomarker and therapeutic target in glioma"
- West Clinic Research Grant (PI: Pfeffer) 1/1/15-12/31/16 "ANGPTL4 as biomarker and therapeutic target in glioma"

**Publications (2016-2017):** 16

**Presentations (2016-2017):** Center for Cancer Research at UTHSC (2016)

#### Graduate Students Mentored (2016-2017):

- Debolina Ganguly is performing her thesis research in Dr. Pfeffer's laboratory with a focus on the role of STAT3 phosphorylation events in the cancer phenotype of glioblastoma cancer stem cells.
- Dr. Pfeffer also typically serves on 7-10 other 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.
- Holds research collaborations with Kui Li, Tiffany Seagroves, Zhaohui Wu, Ronald Laribee, Meiyun Fan, Ramesh Narayanan, Gustavo Miranda-Carboni, Rick Boop, Todd Tillmanns, Evan Glazer, Michael DeCuyper, Junming Yue and Andrew Davidoff.

**Other Evidence of Impact on the Institution:** serves as -

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

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

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

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

## Status of the Chair of Excellence

Pediatric Nephrologist John Bissler, MD, was appointed the *Federal Express Chair of Pediatrics* and the new chief of Pediatric Nephrology at Le Bonheur Children's Hospital in 2013. He also serves as Director of Le Bonheur's Tuberous Sclerosis Center of Excellence (TSC).

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. Bissler sees patients with tuberous sclerosis and other kidney disorders. His research interests include proliferative renal diseases, polycystic kidney disease, tuberous sclerosis complex, Von Hippel-Lindau disease, Birt Hogg-Dube syndrome and renal cancers.

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

### Active Grants and Other Sources of Funding: (two)

- Retrophin, Inc. (Co-Investigator: Bissler). "Randomized, Double-Blind, Safety and Efficacy Study of RE-021 (Sparsentan) in Focal Segmental Glomerulosclerosis (DUET)" \$297,230
- Department of Defense (Principal Investigator: Bissler). "Prevention of TSC Renal Disease" \$300,000

**Publications (2016-2017):** 15

**Presentations (2016-2017):** 19

**Graduate Students Mentored (2016-2017):** One

### Faculty Mentoring or other collaborative activities:

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

### Other Evidence of Impact on the Institution:

- Provides patient care locally and internationally

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

- Submit at least three grant applications
- Recruit at least one additional TSC researcher to the Center of Excellence
- Initiate TSC Telemedicine healthcare delivery to four additional states
- Explore expanding Telehealth to Eastern Tennessee for Pediatric Nephrology

# 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 Chair Holder of the *First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics*. He serves as vice-chair for research and director of the division of clinical and experimental therapeutics in the Department of Clinical Pharmacy in the College of Pharmacy and Co-Director of the Center for Pediatric Pharmacokinetics and Therapeutics. He also holds joint appointments in the Department of Pediatrics and Department of Microbiology, Immunology, and Biochemistry.

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

#### Active grants:

- Novel Azole Resistance Mechanisms in *Candida albicans* (July 2017 – June 2022) NIH/NIAID (R01) – Principal Investigator – (\$424,564 total annual award for 5 years)
- Upc2A: A Central Regulator and "Achilles' Heel" of Fluconazole Resistance in *Candida glabrata* (February 2017 – January 2022) NIH/NIAID (R01) – Principal Investigator – (\$589,278)

**Publications (2016-2017):** 6

**Presentations (2016-2017):** 11

**Invited Presentations (2016-2017):** 2

#### Graduate Students Mentored:

- Sarah Whaley, Pharm.D., Ph.D. candidate (Pharmaceutical Sciences)
- Andy Nishimoto, Pharm.D., Ph.D. candidate (Pharmaceutical Sciences)
- Jeff Rybak, Pharm.D, Ph.D. candidate (IBS)
- Brandon Hazlett, B.S. (Pharmaceutical Sciences)

#### Faculty Mentoring or Other Active Collaborations:

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

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

- Research from Dr. Rogers' laboratory was presented at the ASM Microbe, the Annual Meeting of the American College of Clinical Pharmacy, MAD-Infectious Diseases, and the South Central Medical Mycology Meeting.
- Delivered an invited lecture at the 2017 MAD-Infectious Diseases Meeting in Orlando, Florida.
- Member of the NIH Drug Discovery and Mechanisms of Antimicrobial Resistance Study Section.

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

- The Rogers laboratory is developing two new areas of research that will be translated into NIH R01 grant submissions over the coming year; one focusing on overcoming antifungal resistance in the multi-drug resistant fungal pathogen *Candida auris* and the other focusing on understanding the molecular and genetic basis of triazole resistance in the fungal pathogen *Aspergillus fumigatus*.
- Abstracts from our laboratory will be presented at the Annual Meeting of the American College of Clinical Pharmacy, the ASM Conference on Candida and Candidiasis, and the Congress of the International Society of Human and Animal Mycology.
- Continue to host the First Tennessee Endowed Chair Symposium in the coming year in conjunction with the First Annual UT Fungal Pathogens Research Conference, which will be hosted in Oxford, MS in July of 2017.

## University of Tennessee 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 Chair Holder of the *Goodman Chair of Excellence in Medicine*. Dr. Postlethwaite is Board certified in Internal Medicine and Rheumatology, is a Master of the American College of Rheumatology, and has received continuous VA Merit Grant or NIH funding since 1974.

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

#### Active grants:

- Principal Investigator on a new VA Clinical Merit Review Grant 1I01CX001400-01A2 (2016-2020)
- Co-Investigator I01BX00671 VA Merit Review Grant (PI: Weikuan Gu) (2012-2016)
- Principal Investigator on Project #3 of VA Program Project Grant 5IP1BX001607-04 (2013-2016)
- Co-PI on NIH/NIAMS 1R21AR066505-01A1 (2014-2016)
- Co-Investigator, Scleroderma Foundation Grant (PI: Dr. Monica Brown) (2014-2017)

**Publications (2016-2017):** One (Four manuscripts are in review)

#### Presentations (2016-2017):

- Invited speaker for the 2017 Scleroderma Foundation Patient Education Conference in Chandler, AZ. Topics discussed were “Drugs that Cause Scleroderma/Morphea” (which was videotaped and will be posted on the Scleroderma Foundation Website) and “The Liver in Scleroderma”
- Invited speaker at the 2016 Annual Scleroderma Foundation Patient Education Conference to give two talks on the “Dietary Supplements in Scleroderma” and “Could I or Should I Eat This?” in July 2016, New Orleans, LA. The second talk was videotaped and is posted on the National Scleroderma website.
- Presentation - “Are Endogenous or Marijuana-derived Cannabinoids Potential Therapeutics for Scleroderma?” is posted on the National Scleroderma website and has had almost 5500 views ([https://www.youtube.com/watch?v=a\\_Uk1p49aCM](https://www.youtube.com/watch?v=a_Uk1p49aCM)).

#### Faculty Mentoring or Other Active Collaborations:

- Serving as mentor to Dr. Monica Brown (Pediatric Rheumatology Assistant Professor), a new Physician Scientist Investigator, by supervising and collaborating with her Scleroderma Foundation grant program, “17,20(OH)<sub>2</sub>D<sub>3</sub> Mediates Antifibrotic Effects in Murine Models of Sclerosis” and working with her on submitting an R03 grant for 2017-2018.
- Selected to be mentor a Harbin Medical University (China) Summer Intern for August 2017.
- Collaborating with Drs. Andrzej Slominski (UAB), Weikuan Gu, Linda Myers, Wei Li, and Duane Miller on Vitamin D analogs.



- Collaborating with Drs. Karen Johnson and Elizabeth Tolley in the Department of Preventive Medicine on writing a paper using the Women’s Health Initiative on “Vitamin D and Cognition”.
- Collaborating with Drs. Karen Johnson and Elizabeth Tolley on submitting an R01 on “Vitamin D and Gelsolin Effects on Cognitive Impairment” which should be submitted in 2017-2018.
- Collaborating with Dr. Weikuan Gu on his grant entitled “Genetics of the Tsk-2 Mutation in Scleroderma Mice” and on a new R15 grant application to NIH.
- Collaborating with Dr. Weikuan Gu on a gene that regulates oral immune tolerance called “ROT1”. A patent application is currently being reviewed by the US Patent Office and the European Union Patent office for its use.
- Collaborating with Drs. Linda Myers and Andrew H. Kang on the use of a type II collagen altered peptide ligand to treat patients with Rheumatoid Arthritis. A patent was granted in 2016 for use of this APL to treat RA.
- Collaborating with Drs. Robert Williams and David Brand on the role of gelsolin in autoimmune arthritis using BXD mice. An R21 grant from this collaboration was reviewed in October 2016 but not funded. A revised application will be submitted in 2017.
- Served as Medical Officer with investigators Drs. Guy Reed and Andrew Kang on an NIH funded contract Phase I clinical trial of a monoclonal antibody against  $\alpha$ -2-antiplasmin, a novel thrombolytic biologic with potential to treat venous and arterial thrombotic diseases, which was completed in early 2017. Plans have been made for a Phase II study sponsored by the pharmaceutical industry.

**Other Evidence of Impact:**

- Served on 2-3 year NIH grant review panels per year
- Served on 4 NIH grant review panels this past year
- Member of the Scleroderma Foundation’s Medical Advisory Committee
- Reviewed 8 manuscripts for journals including *PLoS One*, *Journal of Investigative Dermatology* and *Scientific Reports* and others
- Listed as an inventor on seven granted patents, two most recent of which were granted while I held the Goodman Chair are “APLs for treating arthritis” (Patent number 9144595) and “Methods for treating fibrosing diseases by induction of immune tolerance” (Patent number 7718765).
- Since holding the Goodman Chair, seven new patent applications on which Dr. Postlethwaite is listed as an inventor, have been filed and are under review by the US Patent Office.

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

- Submit an RO1 grant as Co-PI with Dr. Andrzej Slominski on “Antifibrotic Effects of 20(OH)D<sub>3</sub>.”
- If NIAMS decides not to fund the R01 grant, “Immunomodulation by 20(OH)D<sub>3</sub>: Studies in Mice and Rheumatoid Arthritis,” Dr. Postlethwaite plans to submit a revised application of this R01 grant to NIH/NIAMS/NIAID.
- Continue research on the new VA Clinical Merit Review Grant (1I01CX001400-01A2), “The Vitamin D-Gelsolin-S1P Axis in Rheumatoid Arthritis”,
- Submit ancillary study R01 grant in collaboration with Dr. Karen Johnson on “Vitamin D and Gelsolin Effects on Cognitive Impairment,” if permission is granted from the WHI to do so.
- Work with Drs. Wei Li, Andrzej Slominski, Duane Miller, and Linda Myers to prepare a new R01 application to analyze anti-arthritic effects of novel derivatives of 20(OH)D<sub>3</sub>.
- Submit results of the “Phase I Study of APL-A12 in RA Patients” for publication and work with arGentis Pharmaceuticals, Inc. to find funding for a Phase II study of this novel treatment for RA.
- Use funds from the Goodman Chair to maintain TSKI and TSKII mouse colonies to assess effects of vitamin D deficiency on fibrosis and autoimmunity to obtain data to submit new grants to NIH.

**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 Chair Holder until June 30, 2013 of the *Harriet S. Van Vleet Chair of Excellence in Biochemistry*.

Efforts to recruit an exceptional scientist who studies the interaction between genetics and the environment in triggering disease both during CNS development and senescence are in progress. The individual is funded with six NIH grants and currently holds an endowed chair position at the person's current institution; therefore the individual is an outstanding candidate to fill the *Harriet S. Van Vleet Chair of Excellence in Biochemistry* at UTHSC.

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

### Status of the Chair of Excellence

Since July 1998, Dr. Burt Sharp has served as the Chair Holder of the *Harriet S. Van Vleet Chair of Excellence in Pharmacology*. According to *Goggle Scholar*, Dr. Sharp's research reports have been cited more than 7,200 times by other research publications. His most highly cited work on the large scale bioinformatic analysis of published medical research has been cited 275 times. Dr. Sharp filed a confidential intellectual property disclosure with the University of Tennessee Research Foundation (UTRF) in Spring 2014 that describes a novel model for stress-enhanced relapse to nicotine intake during abstinence. Although UTRF chose not to pursue a patent, this model is a unique platform for the experimental identification of compounds that may alter the effects of stress in promoting relapse to cigarette smoking and other abused substances. This IP disclosure describes the identification of a class of compounds that abolish the effects of stress on relapse to nicotine intake. This novel model, developed with the support of research funds from the Van Vleet Chair, is the basis of the new R01 application to NIH, described below. This model is also the basis of a new collaboration established between Dr. Sharp and a Danish biotechnology company (Saniona AB).

In the past year, the Harriet Van Vleet Chair has supported Dr. Sharp's preparation (in collaboration with Professor Robert Williams) of a large scale contract to NIH for the neurogenetic analysis of a unique rat hybrid diversity panel that will enable identification of genes causing nicotine dependence and addiction. This grant addresses a major unmet medical need in the arena of personalized medicine—namely, the identification of genes that predispose individuals to addiction. Additionally, the Harriet Van Vleet Chair has supported the lengthy preparation of a major scholarly review by Dr. Sharp on stress, basolateral amygdala and relapse to addictive drug taking (*in press at Translational Psychiatry*)

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

#### Completed Grants:

- NIH:RC2-DA028962; continued as UTHSC support for transcriptosomal identification and modulation of genes that determine susceptibility and resistance to nicotine intake (i.e., smoking) across isogenic rat strains

#### Submitted Grants:

- U01 (submitted to NIH; 7-3-17); Genetics and Genomics of drug abuse using a rat hybrid diversity panel: if funded, this very large project, involving three UTHSC faculty members, will support large scale studies of 91 isogenic rat strains used to identify genes that predispose to abuse and addiction to nicotine and cocaine. The preliminary data for this U01 is in large part derived from the successfully completed

RC2-DA028962, headed by Dr. Sharp. Dr. Sharp is mPI of this new application and corresponding PI.

- R01-DA040625-01A1 (submitted to NIH; 7-3-17); Basolateral amygdala and stress-enhanced reacquisition of nicotine self-administration; the hypotheses in this grant are based on a new model and novel findings developed in our laboratory with support from the Van Vleet Chair. This is the first model that enables investigation of the fundamental neurobiological mechanism underlying chronic stress-induced relapse to addictive drugs.

**Publications (2016-2017):** Three

**Rotating Graduate Student:** Leah Somerville (Spring 2017)

**Faculty Mentoring:** Hao Chen, PhD, completed in 2014. Dr. Chen has been funded by NIH.

**Active Collaborations:**

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

**Other Evidence of Institutional Impact:**

- As past Associate Editor of the highly cited pharmacology journal, *Pharmacological Reviews* (Impact Factor: 22), Dr. Sharp has facilitated invitations for UTHSC faculty to write extensive reviews that document the significance and scientific impact of their pharmacology research.
- Dr. Sharp was the corresponding and senior PI on one of the largest NIH grants ever awarded to basic sciences at UTHSC, namely the GO grant that has resulted in four publications; two of these in have each been viewed/downloaded approximately 1500-2000 times on the PLoS One site. The GO grant has generated the primary data used to justify a large scale competitive U01 application to NIH. This grant would support research efforts of three UTHSC faculty in three different departments, using a unique rat hybrid diversity panel and experimental databases that will be made available to research scientists nationwide.

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

- Publish high impact genetics, genomics and neurochemistry research on nicotine addiction, nicotine-induced neuroplasticity and the behavioral effects of stress on relapse to nicotine taking
- Continue GO program by *in vivo* manipulation of expression of genes encoding protection against nicotine intake during adolescence; collaborate with other UTHSC investigators to expand this program
- Submit novel grant application on stress, gender, basolateral amygdala and relapse to nicotine taking
- Consistent funding for equipment purchase and upgrade would enhance program effectiveness.

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

### Status of the Chair of Excellence

The *Harriet S. Van Vleet Chair of Excellence in Virology* was vacant in 2016-2017. The last Chair holder was Dr. Martha Howe.

However, the Department of Microbiology, Immunology, and Biochemistry in the College of Medicine has now recruited a leading researcher, Dr. Colleen Jonsson, to fill this chair. She began at UTHSC on July 1, 2017.

# 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, and Programs

#### **Active Grants and Other Sources of Funding:** *Continuously funded by NIH for 45 yrs*

- NIH GM-35642-26 -- Successfully renewed and awarded 8-10-12 (Project Period: 02/01/1985 – 05/31/2017). Presently up for renewal.

#### **Publications (2016-2017):** eight papers and six abstracts

#### **Presentations (2016-2017):** 7

- Keynote Speaker, workshop presentation and two posters at the 27<sup>th</sup> International Conference on Yeast Genetics and Molecular Biology, Prague, Czech Republic)
- Four national poster presentations (American Society of Biochemistry & Molecular Biology & Allied Genetics 2016 Conference)

#### **Graduate Students Mentored: (1972-2016, career):**

- 16 Ph.D. and 10 M.S. students since arriving at UTHSC in 1985 and 37 total during his entire career.

#### **Faculty Mentoring:**

- Dr. Cooper serves as mentor to 3 senior faculty members in the UTHSC Department of Microbiology, Immunology and Biochemistry.
- Dr. Cooper also serves UT faculty as the immediate Past-President of the Faculty Senate and as a faculty trustee on the University of Tennessee Board of Trustees.

#### **Active Collaborations:**

- Michael Whitt, David Nelson and David Kakhniashvili at UTHSC;
- Hongbo Chi at St. Jude Children's Hospital, Memphis, TN;
- Zdena Palkova & Ivana Malcova at Charles University, Prague Czech Republic;
- Charles Boone & Brenda Andrews at University of Toronto, Toronto Canada.

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

- Member of NIH MIST Study Section
- International Conference on Yeast Genetics & Molecular Biology, Secretary General (2009-2017, up for re-election) and Finance and Policy Committee, Member (Permanent); 2017 Conference Steering Committee and Scientific Program Committee
- DuPont Corporation consultant
- AAMC Distinguished Service Member (Permanent) and American Society of Microbiologists representative for Association of American Medical Colleges (AAMC) Council of Academic Societies

- UTHSC Faculty Senator of the year; Faculty Senate Presidential Citation; Member of 16 UTHSC-wide Committees.
- Editorial Board, Journal of Biological Chemistry, Editorial Board (2 5-year terms)
- Associate Editor FEMS Yeast Research
- Retrospective Editor and Editorial Board, YEAST
- Memphis Medical Seminar, Secretary-Treasurer 1988-present

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

- Continue research and writing; teaching in undergraduate and graduate courses.
- Revise Faculty Handbook and successfully negotiate its acceptance by UTHSC administration.
- Continue contributing to 12 University-wide, 2 College-wide, and 2 departmental committees, Faculty Senate Executive Committee activities and serve as Faculty Senate Past-President. Scheduled to serve as non-voting and then voting member of University of Tennessee Board of Trustees.



# University of Tennessee Health Science Center

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

### Status of the Chair of Excellence

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

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

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

- **2015-2019:** Department of Defense OP140065 (PIs Audrey Zucker-Levin and Phyllis Richey, with William Mihalko as Co-I) \$1,492,000 - *The Effect of a Microprocessor Prosthetic Foot on Function and Quality of Life in Trans-Tibial Amputees Who Are Limited Community Ambulators*.
- **2017-2021:** Department of Defense Office of the Congressionally Directed Medical Research Programs (CDMRP), Orthotics and Prosthetics Outcomes Research Program (OPORP) Orthotics Outcomes OP160076 – (MPIs Phyllis Richey and Kunal Singal; with William Mihalko as Co-I) \$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*.

**Publications (2016-2017):** 7

**Publications in Print (2017):** 10

**Book Chapters in Print and Progress (2017):** One (print) and Two (in progress)

**Presentations (2016-2017):** 14

#### Graduated Masters Students (2016-2017):

- Julie Lowell (advisor) and Michael Parker
- Daniel Hillyard and Codie Bateman (thesis committee) graduated May-August 2017

#### Active Graduate Students (2016-2017):

Meredith Perkins (MS Advisor), Chloe Chung (PhD thesis committee), and Daniel Hoyer (MS thesis committee)

#### Summer Medical Students (2016):

- Reed Butler: Awarded an NIH summer research award.
- Lucas Tidwell

#### Faculty Mentoring or other collaborative activities:

- New collaborations established with Dr Weikuan Gu to determine the genetic predilections of patients who have documented adverse local tissue reactions to metal on metal total hip replacement implants
- One ongoing research project with Richard Smith PhD looking into the monocyte and fibroblast responses to implant wear debris

- Currently mentoring Brooke Sanford, new Assistant Professor, on iRISE award to analyze anterior cruciate reconstruction patient's proprioception and balance requirements for return to sporting activities
- New collaboration established with Phyllis Richey in Preventive Medicine to study BMI effects on progression of knee osteoarthritis (submitting an NIH R01 grant as co-PIs.)

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

- Currently serves as the program chair for the Joint Graduate Program in Biomedical Engineering.
- Currently serves on the School of Medicine Promotion and Tenure Committee.
- Currently ranked in the top 50 worldwide experts in knee arthroplasty by Expertscape.com (since 2014).

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

**Goals (2017-2018)**

- Obtain further federal funding as a co-investigator or PI over the next academic year and submit two grants for federal funding as a PI or MPI.

**Long term Goals**

- Develop a research Center of Excellence with core facilities in biomechanical testing and implant retrieval analysis.

## University of Tennessee Health Science Center LeBonheur Chair of Excellence in Pediatrics (1<sup>st</sup> chair)

### Status of the Chair of Excellence

Since 2005, Dr. James W. Wheless has served as the Chair Holder of the *LeBonheur 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 (affiliated with Northwestern University in Chicago) and the Medical College of Georgia in Augusta, 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:

- Shainberg Neuroscience Research Fund
- Novartis (Protocol CRAD001M2304)
- Patient Centered Outcome Research Institute (PCORI)
- Questcor Pharmaceuticals, Inc.
- Sudden Death in the Young (Tennessee Department of Health)
- UTHSC iRISE (Institute for Research Innovation, Synergy, and Health)
- NeuroPace (Protocol NP 10012) (Phase IV)
- Sage Therapeutics (Protocol 547-SSE-301) (Phase III)
- Acorda Therapeutics, Inc. (Protocols: DZNS-EP-1019 (Phase II), DZNS-EP-1025 (Phase II))
- INSYS Therapeutics, Inc. (Protocols: INS-011-14-029 (Phase I/II), INS-011-14-030 (Phase III))
- Neuralis, Inc. (Protocol DIAZ.001.04)(Protocol DIAZ.001.05)

**Publications, Chapters and Books (2016-2017):** 13 publications; 4 chapters; 1 book

**Presentations (2016-2017):** 29

**Graduate Students Mentored:** Residents in Pediatric Neurology (Three)

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

- Continue to direct and lead the Pediatric Neurology Division, 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 and recruit high quality Pediatric Neurology residents and faculty and develop subspecialty programs
- Mentor junior faculty and assist in development of their academic & clinical careers
- Work with the Le Bonheur Children's Hospital administration to enhance the scientific and clinical mission of the Neuroscience Institute.

**University of Tennessee Health Science Center  
LeBonheur Chair of Excellence in Pediatrics (2<sup>nd</sup> chair)**

**Status of the Chair of Excellence**

The *Le Bonheur Chair of Excellence in Pediatrics* (second chair) is currently vacant.

There are no current plans to fill this Chair position.

## University of Tennessee Health Science Center Mark S. Soloway Chair of Excellence in Urology

### Status of the Chair of Excellence

Since October 2013, Dr. Robert Wake has served as the Chair Holder of the *Mark S. Soloway Chair of Excellence in Urology*.

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

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

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

#### Publications (2016-2017): 3

#### Presentations (2016-2017): 8 presentations and 3 posters

- Highlights included the 2016 Pediatric Urology Fall Congress and the 2016 World Congress of Endourology

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

- Recruit a PhD/ MD researcher with a dual appointment in Pathology and Urology to enhance departmental scholarly activity.

# 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 Chair Holder of the *Maury W. Bronstein Chair of Excellence in Cardiovascular Physiology*.

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

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

- National Institute of Health - Seven grants
- American Heart Association - Two Scientist Development and one Fellowship grant
- One UTHSC iRISE award

#### Publications (2016-2017): 7

#### Presentations (2016-2017): 2

#### Graduate Students Mentored (2016-2017):

- Michael Kidd (B.S.) and Xue Zhai, (B.S.)

#### Faculty Mentoring or Other Active Collaborations:

- Collaborations with UTHSC faculty including Charles, W. Leffler, Professor of Physiology; Alex Dopico, Professor of Pharmacology; Helena Parfenova, Professor of Physiology; and Salvatore Mancarella, Assistant Professor of Physiology
- Collaboration with Andre Liu, Associate Professor, University of Memphis
- Collaborations with University of Missouri; University of Nevada; Reno, and Ceará State University, Fortaleza, Brazil.

#### Other Evidence of Impact on the Institution (selected):

- Podcast. Jaggar JH and Vanhook AM. Science Signaling Podcast for 9 May 2017: Trafficking of BK channel subunits in arterial myocytes. Science Signaling 2017;10(478). pii: ean4849. doi: 10.1126/scisignal.aan4849.
- American Physiological Society Fellowship Committee member.
- Conference Organizer for FASEB Summer Research conference on Smooth Muscle in Lisbon, Portugal, July 2016.
- Future Organizer for 2019 FASEB Summer Research conference on Smooth Muscle.
- Reviewer for Nature Communications, Science Signaling, PNAS, Journal of Clinical Investigation Insight, Circulation Research, ATVB, Journal of General Physiology, Journal of Physiology, American Journal of Physiology, Cell Physiology, American Journal of Physiology, Heart and Circulatory Physiology, ATVB, Hypertension.
- UTHSC service commitments include:
  - Promotion and Tenure Committee, College of Medicine.
  - Director and Committee Chair, E. Eric Muirhead Hypertension Research Day.
  - Other committees including Research Goal Committee, Postdoctoral Advisory Committee, Department of Physiology Graduate Student Committee, Laboratory Animal Care and Use Committee Advisory Board

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

### Goals for 2017-2018

- Obtain new R01s with Alex Dopico, Helena Parfenova and Salvatore Mancarella.
- Examine the concept of a PPG on extra-renal functions of PKD proteins with Darryl Quarles and other UTHSC investigators.
- Collaborate with Georgi Petkov, the incoming Chair of the Department of Pharmaceutical Sciences.

### Long term Goals

- Grow cardiovascular research at UTHSC

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

## Status of the Chair of Excellence

Established in 1986, the *Plough Foundation Chair of Excellence in Pediatrics* is currently held by Dr. Stephania Cormier. The formal announcement of Dr. Cormier as Plough Chair of Excellence and Scientific Director of Asthma Research occurred in January, 2016. Most recently, he was appointed Associate Vice Chancellor for Research and Global Partnerships.

Recruitment to build the asthma program has made continuous and significant strides. In partnership with the new Chief of Pulmonology, Dr. Patricia Dubin, Dr. Cormier will lead the Asthma Research Center, solidifying linkages between the clinic and basic/translational research.

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

### Active Grants and Other Sources of Funding:

- 2017-2020 R25 ES027083-01 (Cormier PI)-NIH/National Institute of Environmental Health Sciences (NIEHS) "Interprofessional Approach to Developing a Diverse Workforce Ready to Address Emerging technologies in Occupational Health and Safety"
- 2013-2018 R01 AI112402-01 (Cormier Co-I; Ochoa PI)-NIH OD director's Transformative Award "Metabolic Approaches to Treat Severe Viral Diseases"
- 2016-2021 R01 AI090059-06A1 (Cormier PI)-NIH/National Institute of Allergy and Disease (NIAID) "Regulation and Function of IL33 During Neonatal RSV Infection"
- 2016-2021 R01AI121832 (Cormier Co-I; Thomas PI)-NIH/NIAID "A protective role for  $\gamma\delta$  T cells in respiratory infection"
- 2006-2017 RO1ES015050 (Cormier PI)- NIH/NIEHS "Combustion Generated Particulate Pollution Affects Infant Respiratory Health"
- 2009-2018 P42ES013648 (Cormier PI)-NIH/NIEHS "LSU Superfund Research Center- Environmentally Persistent Free Radicals"

**Publications (2016-2017):** 16

**Presentations (2016-2017):** 14 presentations (13 were by invitation)

### Graduate Students Mentored:

- Jeffrey Harding, PhD Candidate
- Bishwas Shrestha, PhD (graduated May 2017)
- Ryleigh Taylor, MS
- Aisha Hegab, PhD (Paul Thomas)
- Bishwas Shrestha, PhD (graduated in May)
- Jeffrey Harding (Graduate Research Assistant)
- Six postdoctoral fellows



**Faculty Mentoring or other collaborative activities:**

- Research collaborations and mentoring with UTHSC faculty including Dukhee Betty Lew, MD; Jay A. Leiberman, MD; Christie Michael, MD; Amali E. Samarasinghe, PhD; Heather Smallwood, PhD; Dennis Stokes, PhD; and Dahui You, PhD.
- Also mentoring junior faculty at UTHSC including Heather Smallwood, PhD; Dahui You, PhD; Amali Samarasinghe, PhD; Tamekia Jones, PhD; Young-In Kim Hoehamer, PhD; Dai Kimura, MD; Shalini Narayana, PhD; Hitesh Sandhu, MD
- External mentor of Natalie Johnson, PhD (Texas A&M)

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

- 2017 Honorary Professor Child Health Research Centre University of Queensland, Australia
- Scientific Director, Pediatric Asthma Research Center at UTHSC
- Director, LSU Superfund Research Program and Project 2 Leader

**Recommendations/Goals to Enhance the Effectiveness of the Program****Goals for 2017-2018**

- Continue efforts to increase asthma patient enrollment
- Expand asthma clinic, allowing optimal follow-up visits for families
- Work with new Chief of Pulmonology to develop plans geared toward asthma focus
- Review data gathered from Dr. Tankersly and Dr. Escue in attending asthma patients
- Obtain cost analysis report identifying reduction of health care costs between CHAMP patients and statewide control group from the Milliman actuarial company
- Recruit asthma researcher, Dr. Rodney Britt, research focus on human airway smooth muscle physiology and newborn mouse models of allergic airway inflammation-steroid responsiveness.
- Collaboration with Blue Cross of Tennessee for funded community based components critical to CHAMPs success
- Develop and implement a Pay for Success project with assistance from the Green and Health Homes Initiative (GHHI) in Baltimore. Steps towards the progression of this initiative is ongoing, but making progress.

**Long term Goals:**

- Acquire NIH funding for continual growth and new interest on respiratory health
- Utilize specialized equipment (Plethysmography Systems, Resistance Compliance Systems) in the measure of lung function in mouse models and a (Cellometer Auto 2000) that provide a live cell count of nasal aspirated in patients with RSV.
- Development of the CHAMP Asthma Program to establish an Asthma Research Center in Memphis servicing high risk asthma patients that leads to reduction and prevention of exacerbations and medical encounters.
- Develop strategic plan with focus on reduction of key metrics (emergency room visits, in-patient admissions, observation visits, urgent care visits, exacerbations and ambulatory) for CHAMP patients

## 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 Chair Holder of the *Semmes Murphy Chair of Excellence in Neurology* and chair of the Department of Neurology in January 2014. He also serves as medical director of the stroke center at Methodist University Hospital.

Dr. Alexandrov comes to UTHSC from the University of Alabama at Birmingham, where he has been a professor in the Department of Neurology and director of the Division of Cerebrovascular Diseases. He has also served as director of the Comprehensive Stroke Center and the Neurovascular Ultrasound Laboratory.

Dr. Alexandrov received his MD degree in 1989 from the First Moscow Medical Institute in Russia, specializing in clinical neurology at the Institute of Neurology, Russian Academy of Medical Sciences in Moscow. He completed his fellowship training in stroke and cerebrovascular ultrasound at the University of Toronto and The University of Texas and will continue his clinical and research work in stroke care in Memphis.

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

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

Sub-awards (current and previous)

PCORI	BEST-MSU	\$100,000	02/28/17 - 02/27/18
3P50NS044227-0753	Argatroban	\$79,224	09/30/09 - 09/29/12
3P50NS044227-0783	ARTSS-2	\$71,481	03/28/11 - 02/28/14
3P50NS044227-0851	ICTUS 2/3	\$61,239	04/29/11 - 02/28/14
IU01NS062091-01A2	ATACH- 11	\$750,810	08/01/10 - 02/28/14
Pfizer, Inc	A9541004	\$172,347	01/18/11 - 02/01/13

**Publications (2016-2017):** 31

#### Clinical Fellows in Vascular Neurology at the UTHSC

Boris Chulpayev, MD	USA	David Koury, MD	USA
Kate Nearing, MD	USA	Aboukabar Sharaf, MD	USA
Robert Gilbert, MD	USA	Rohini Bhole, MD	USA

#### Clinical Stroke Fellows (non-ACGME track) at UTHSC

Peter Quitasol, MD	Philippines	Carolina Harbert, MD	USA
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#### Fellows in Cerebrovascular Ultrasound and Stroke Research

Ana Maleki, MD	Iran	Tomas Bryndziar, MD	Slovakia
Michal Harsany, MD	Czech Republic	Yuri Yakov, MD	USA
Danny Tkatch, MHSc, RVT	USA	Reza Bavarsad Shahripour, MD	Iran
Andrey Samal, MD	USA	Ioannis Christou, MD	Greece
Stanislava Kolieskova, MD	Slovakia	Kristian Barlinn, MD	Germany
Paola Palazzo, MD	Italy	Clotilde Balucani, MD	Italy

Yi Zhang, MD	USA	Marta Rubiera, MD	Spain
Nguen Thang, MD	Vietnam	Limin Zhao, MD	China
Georgios Tsivgoulis, MD	Greece	Vijay Sharma, MD	Singapore
Annabelle Lao, MD	Philippines	Robert Mikulik, MD	Czech Republic
Yosik Kim, MD	Korea	Yasuyuki Iguchi, MD	Japan
Chin-I Chen, MD	Taiwan	Alejandro Brunser, MD	Chile
Yong-Seok Lee, MD	Korea	Sergio Calleja, MD	Spain
Zsolt Garami, MD	Hungary	Oleg Chernyshev, MD, PhD	Russia
Ashraf El-Mitwalli, MD	Egypt		

#### **Clinical Fellows in Vascular Neurology at UAB**

Michael Lyerly, MD	USA	Kara Sands, MD	USA
Karen Albright, DO, MPH	USA	Asad Chaudhary, MD	USA
Luis Cava, MD	USA	Aaron Anderson, MD	USA

#### **Clinical Stroke Fellows trained and certified in Neurosonology at UT-Houston**

Andrew Barreto, MD	USA		
Ken Uchino, MD	USA	Lise Labiche, MD	USA
Nicholas Okon, DO	USA	W. Scott Burgin, MD	USAR
Robert Felberg, MD	USA	Andrew M. Demchuk, MD	Canada

#### **Supervisor / Consultant / Opponent to PhD candidates ( \*denotes successful thesis defense):**

- Anne W. Wojner, MSN, CCRN\* Texas Woman University, USA "Effect of Head Positioning on Intracranial Mean Arterial Flow Velocity in Acute Ischemic Stroke"
- Oleg Chernyshev, MD\* Moscow Medical Academy, Russia "Transcranial Doppler in Patients with Unilateral Migraine"
- Ashraf Abdel Monem Ahmad, MD\* Mansoura University, Egypt "Comparative Study of Different Thrombolytic Agents in Acute Ischemic Stroke"
- Sergio Calleja, MD Oviedo University, Spain "Definition of an Acute Arterial Occlusion in Ischemic Stroke"
- Robert Wetterholm, MD\* Goteborg University, Sweden "Ultrasound Evaluation of Atherosclerosis and Other Cardiovascular Sources of Cerebral Embolism"
- Fabienne Perren, University of Geneva, Switzerland "Advanced Applications of Transcranial Doppler Ultrasound"
- Clotilde Balucani, MD University of Perugia, Italy "Cognitive Outcomes after Carotid Revascularization"

**Other Evidence of Impact on the Institution:** Our most significant accomplishments and activities at UTHSC Neurology Department are as follows:

- Mobile Stroke Unit was launched on July 13, 2016 and remained in operations throughout the academic year as planned with excellent treatment rates and recruitment of subjects in REACH-MOST locally-funded and BEST-MSU PCORI funded projects.
- A city-wide stroke program continues stroke attending coverage services at MUH, ROH to BHM with world record treatment numbers for third year in a row (highest reported tPA treatment rates 53/100,000 inhabitants in 2016).

- Recruited Dr. Mauricio to expand neurocritical program at BMH (scheduled to start this summer).
- The ACGME approved expansion of our residency program resulted in successful recruitment from top 27 ranked applicants and better quality on new PGY-2 class this academic year as evaluated by faculty. Dr Malkoff is doing excellent job as new PD of the residency program.
- Recruited Dr Sushma Bellamkonda as part-time and Andrew Milner as full time faculty to cover ROH.

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

### Goals (2017-2018)

- Continue to improve Neurology Residency curriculum with Program Director, Dr Marc Malkoff and recruit Co-Director for the program.
- Organize city-wide Epilepsy coverage for EMU, NICU and in-hospital EEG reading 24x7 across MUH, ROH and BMH.
- Recruit new stroke faculty.
- Continue Mobile Stroke Unit operations in the city of Memphis
- Continue to recruit sub-specialty Neurologists
- Recruit Dr Da Silva as Tele-Neurology Teaching Service director and start teaching telemedicine to Neurology residents
- Facilitate grant submissions
- Recruit grants operations manager

### Long term goals

- Establish faculty Mentoring Committee
- Recruit more faculty to provide adequate clinical services
- Recruit additional directors for residency and fellowship programs

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

**Status of the Chair of Excellence**

Dr. Giancarlo Mari serves as the Chair Holder of the *UT Regional One Physicians Chair of Excellence in Obstetrics and Gynecology*.

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

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

- R07-3228-130 Perinatal Grant

**Publications (2016-2017):**

- Schlabritz-Loutsevitch N, Apostolakis-Kyrus K, Krutilina R, Hubbard G, Kocak M, Janjetovic Z, Sathanandam S, Slominski A, **Mari G**, Dick Jr. E. Pregnancy-driven cardiovascular maternal mir29 plasticity in obesity. *J Med Primatol*; 2016 Sept 15;Epub ahead of print
- Duncan J, Schenone M, and **Mari G**. Technique for bilateral salpingectomy at the time of Cesarean delivery, a case series. *Contraception*. 2017 May; 95 (5): 509-511.
- Seleverstov O, Tobias A, Jackson JS, Sullivan R, Ma D, Sullivan JP, Davison S, Akkhawattanangkul Y, Tate DL, Costello T, Barnett S, Li W, **Mari G**, Dopico AM, Bukiya AN. Maternal alcohol exposure during mid-pregnancy dilates fetal cerebral arteries via endocannabinoid receptors. *Alcohol*. 2017 Jun;61:51-61.

**Presentations (2016-2017):** 14 Invited presentations and 9 invited seminars

**Faculty Mentoring or Other Active Collaborations:** Three Maternal-Fetal Residents/Fellows Mentored and One Ultrasound Fellow

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

- Continuing to do the OB FAST Simulation training, including training in Zhengzhou, China in April of 2017
- Organizer of the Annual Contemporary Issues in Obstetrics and Gynecology conference in Destin, Florida
- Organizer of the Annual Fetal and Neonatal Imaging: Analyses Across a Life Border conference in Memphis, TN

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

**Goals (2017-2018)**

- Continue publishing newsletter to alumni to keep them informed and engaged
- Support the new Director of the Gynecology Division, the new Director of the Maternal Fetal Medicine Division, and the new Director of the Minimally-Invasive Gynecologic Surgery Division

- Continue to organize the Annual Contemporary Issues in Obstetrics and Gynecology conference in Destin, FL and the Annual Fetal and Neonatal Imaging: Analyses Across a Life Border conference in Memphis, TN
- Smoothly transition the Maternal-Fetal Medicine Fellowship from the American Board of Obstetrics and Gynecology to the Accreditation Council for Graduate Medical Education.

**Long-term Goals**

- Become one of the premier educations and research centers in Obstetrics and Gynecology in the US and the preferred provider for all women in the Mid-South

**University of Tennessee Health Science Center  
Thomas A. Gerwin Chair of Excellence in Physiology**

**Status of the Chair of Excellence**

The *Thomas A. Gerwin Chair of Excellence* is currently vacant.

**Plans to fill this position:** This will be filled when the permanent Chair of the Department of Physiology is hired. A search for the chair is underway.

# 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 Chair Holder 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:

- Mentoring investigator: National Institute of Allergy and Infectious Disease "Bacterial virulence factors contributing to virus-associated pneumonias \$542,400

**Publications (2016-2017):** 11

**Presentations (2016-2017):** 2 invited seminars (1 internationally)

#### Faculty Mentoring or Other Active Collaborations:

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

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

- Led strategic planning process for Precision Medicine at UTHSC. Participated in writing of Strategic Plan for Research for UTHSC. Recruited major leadership positions include Chester Brown, Chief of Genetics and Patricia Dubin, Chief of Pulmonology. Chair of Committee for recruitment of the new Chair of Pathology Mahul Amin. Led Le Bonheur to top 50 rankings in 8 specialties in US news and World Report.

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

#### Goals (2017-2018)

- Recruit new Chief of Neonatology
- Recruit one more R01 funded scientist into the Department
- Continue faculty development of clinician-educators who interface with medical students and residents

#### Long Term Goals

- Recognition as a Top 10 Faculty in Pediatrics