



Chairs of Excellence

Annual Report

September 2016

Prepared by the Tennessee Higher Education Commission



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Tennessee Higher Education Commission

Chairs of Excellence

September 2016

The 2015-16 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 September 2016, 18 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

September 2016

Institution	Number of Chairs of Excellence	Number Filled	Percent Filled
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%
Tennessee Board of Regents	50	42	84%
UT Chattanooga	10	8	80%
UT Knoxville	16	15	94%
UT Space Institute	2	1	50%
UT Martin	3	2	67%
UT Health Science Center	19	14	74%
University of Tennessee	50	40	80%
Total	100	82	82%

Austin Peay State University, 2015-16

Chair of Excellence	Date Established	Chair Holder
1) Roy Acuff Chair of Excellence in Creative Arts	Mar 1986	<ul style="list-style-type: none">▪ Second City▪ Cheryl Sanders▪ AXIS Dance Company▪ Jeannette Lovetri▪ Rick Berger▪ Lucky Diaz and Alisha Gaddis▪ David Weinstein
2) APSU Foundation Chair of Excellence in Free Enterprise	June 1987	Bob Perry (effective AY 2016-17)
3) Harper-Bourne Chair of Excellence in Business	June 1987	Vacant
4) Lenore C. Reuther Chair of Excellence in Nursing	Sept 1993	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 has administered and overseen 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. The Center had seven short-term visiting chairs of excellence in 2015-2016:

Second City Fully Loaded – September 5, 2015

Chicago's legendary sketch and improv comedy theater returned to APSU's Trahern Theatre with "The Second City: Fully Loaded." This show featured classic material made famous by Second City stars like Tina Fey, Stephen Colbert and Steve Carell, as well as brand new scenes, songs and improv straight from their sold out shows in Chicago and Toronto. Tickets for The Second City were free and available on a first come, first served basis.

Cheryl Sanders, Cirq du Soliel– October 6-10, 2015

Cheryl Ann Sanders presented an evening of works in the APSU's Trahern Theatre titled, "Cirque du Jeu Physique." Ms. Sanders, a conservatory-trained Musical Theatre artist, has cultivated her career as an equity artist-turned cirque star. Sanders presented a series of workshops for Theatre and Dance students during her residency. The final performance included Sanders' unique brand of physical theatre and current students who worked with Ms. Sanders during her residency. Tickets for "Cirque du Jeu Physique" were free and available on a first come, first served basis.

AXIS Dance Company – October 22-24, 2016

On Saturday, October 24, 2015, the AXIS Dance Company presented their touring production of "To Go Again" at APSU's Trahern Theatre. Joe Goode, an acclaimed choreographer from San Francisco, CA, choreographed the work, "To Go Again". The AXIS dance company is a contemporary dance group with an unusual body of dancers, some of whom are disabled. The AXIS dance company exists to change the face of dance and disability. In addition to the free public performance, the AXIS Dance Company presented two workshops for the APSU and greater Clarksville communities, a veteran workshop for adults with and without disabilities who have any level of athletic or movement experience, workshop with adults and/or youth with and without disabilities with some level of dance, athletic or movement experience. Additional funding for the AXIS residency was provided by a generous grant from the New England Foundation for the Arts.

Jeanette Lovetri, Somatic Voice Specialist – February 8-10, 2016

Jeanette Lovetri is the creator of Somatic Voicework, a method for teaching Contemporary Commercial Music, or the styles formerly referred to as “non-classical”: to include styles born or developed here in the United States including music theatre, jazz, rock, pop, country, Gospel, R&B, blues, bluegrass, rap, alternative and derivatives of each of them. Ms. Lovetri worked with APSU students on song style, vocal production and vocal health.

Rick Berger- Automation specialist – February 11-12, 2016

Rick Berge, a highly sought after Automation specialist, holding top positions with The Acting Company, Blue Man Group, and the national tour of Walking with Dinosaurs. He has worked with artists such as Josh Groban, Lady Ga Ga, Katy Perry, headed automation for Taylor Swift’s RED and 1989 tours, and serves in that capacity for Adele’s world tour. Rick taught three workshops for the APSU students and led an open discussion on trends in the industry.

Lishi Lou and Lucky, Too April – Performers and workshop presenters – April 5-8, 2016

Latin GRAMMY Winners, Lucky Diaz and Alisha Gaddis create indie music sounds that are rooted in their whimsical and child-friendly. *¡FANTASTICO!*'s release found a new audience of families yearning to immerse their youngest listeners in dual language. Diaz and Gaddis presented a series of workshops for Theatre and Dance students during their residency. Tickets for Lishi Lou and Lucky, were free and available on a first come, first served basis.

David Weinstein – Guest Musical Director for Footloose, April 20-24, 2016

David Weinstein produces adapts and supervises recordings for Broadway Junior, TYA and School Edition series for Music Theatre International, Disney Theatrical Productions, Tams Witmark, Stage Works Media, Playscripts and iTheatrics. He focuses on creative development in musical theatre for stage adaptations, licensing and original work. In addition to music directing and conducting, he currently serves as an artist in resident at Oxbridge Academy of the Palm Beaches. David served as Musical director, rehearsal director and keyboard player for APSU's department of Theatre and Dance production of Footloose. He worked directly with the cast for the three-week rehearsal process as well as during the run of the show.

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: of inspiring and educating APSU students and the community in the importance of the creative arts. The Acuff Chair offers high-quality educational experiences to our student majors by bringing to our campus nationally and internationally renowned artists to work with undergraduate and graduate students through master classes and workshops and mentorships. However, the impact of the Chair—through public readings, lectures, exhibitions, performances, and outreach—also reaches the general student population and the community at large. 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 with the aim of asking these distinguished scholars to discuss ideas in 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. The Chair is an important complement to the College of Business. The Chair will work to enhance high-quality entrepreneurial experiences for our students through competitions, community events, seminars and internships. The Chair, through established reputation, resources and contacts, engages with College of Business stakeholders to bolster student success, inside and outside of the classroom.

Past Chair Holders include U.S. Secretary of Education Richard Riley; Dr. Richard Leftwich, internationally renowned economist specializing in economic development; Dr. Thomas Dernburg, internationally known economist with a distinguished career in government; Li Shuang, dean of the Central Institute of Finance and Banking, Beijing; and Dr. John Petit, noted author and expert in business communication.

Mr. Bob Perry will serve as the Chair Holder for the 2016-17 academic year. Mr. Perry is a prominent lawyer who has served as an Executive in Residence for a number of years and also is a member of the College of Business Advisory Board.

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

The Chair, in conjunction with the College, hosts symposia, lectures and other events that build recognition for College programs and develops opportunities for potential donors to support the College of Business.

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.

Although the *Harper-Bourne Chair of Excellence in Business* is currently vacant at this time, Dr. Alan Smith filled the Chair for 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 Engineering Systems/Education from The University of Akron and a PhD in Business Administration in Operations Management and Management Information Systems 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 many book chapters.

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

The Harper-Bourne Chair of Excellence is an important complement to the programs and faculty of the College of Business. 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.

Recommendations to Enhance the Effectiveness of the Program

The Chair will work to enhance high-quality teaching experiences for our students. Our aim to identify well known business leaders who are able to counsel students in best practices and work with faculty to discover unexplored topics and outlets. We would like to develop the program to provide at least one chair every two academic years.

Austin Peay State University

Lenora C. Reuther Chair of Excellence in Nursing

Status of the Chair of Excellence

The *Lenora C. Reuther Chair of Excellence in Nursing* is active with Patty M. Orr since 2008. With the offer of receiving the Chair of Excellence, APSU was able to hire Dr. Orr as a faculty member at the School of Nursing (SON). Dr. Orr brought extensive nursing research and publication experience to APSU. As Senior Vice President at Healthways, she had previously worked with Johns Hopkins University in the execution of a NIH grant at the Healthways' Baltimore Care Center. Dr. Orr has obtained five grants and six renewals, totaling approximately \$280,000. These grants provide faculty and students opportunities in executing diabetes and hypertension research and providing breast health interventions for the community.

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

Dr. Orr has impacted the SON, APSU and the Clarksville community. One significant impact on the SON has been serving as a faculty mentor for research, publication and grant funding. Dr. Orr has been successful in helping faculty members value the doctoral degree, the number of faculty who have enrolled in or completed doctoral degrees since Dr. Orr's arrival is significant. Dr. Orr has also helped other faculty develop and disseminate their research. For example, one faculty member was able to publish her diabetes research and present at SSTI Research Congress in Hong Kong (2014) and they shared further research outcomes in July 2016 in South Africa. This diabetes research was funded by grants obtained by Dr. Orr, which are still ongoing with positive follow-up data during 2015, and will be submitted for publication in Fall 2016.

Dr. Orr also published a manuscript in March 2015 entitled *Embracing Change in Nursing Clinics of North America*, with Dr. Doris Davenport, a professor, who had not recently published. Dr. Orr serves as the Montgomery County representative to the Mid-Cumberland Regional Health Council based in Nashville. This council sets health goals for Middle Tennessee and develops action plans to achieve the health improvement measurements.

Recommendations to Enhance the Effectiveness of the Program

Recommendations include continuing to make sure that this position is part of the Middle Tennessee community. The holder of the position needs to demonstrate an interest in significantly impacting educational and health related outcomes, and the ability to develop a marketing plan and garner marketing expertise support in executing the plan. As COE Dr. Orr has worked with APSU marketing director to increase the SON visibility and publicly recognize the many outcomes of the SON. The final recommendation is to provide more capacity for the nursing faculty to write grants and have the depth of faculty to be able to execute large national grants.

East Tennessee State University 2015-16

	Chair of Excellence	Date Established	Chair Holder
1)	AFG Industries Chair of Excellence in Business and Technology	March 1987	Andrew J. Czuchry
2)	Allen and Ruth Harris Chair of Excellence in Business	June 1988	Allan D. Spritzer
3)	Carroll H. Long Chair of Excellence in Surgical Research	June 1989	Race L. Kao
4)	Cecile Cox Quillen Chair of Excellence in Geriatrics and Gerontology	Jan 1986	Ronald C. Hamdy
5)	James H. Quillen Chair of Excellence in Education	March 1994	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	Koyamangalath Krishnan
8)	Wayne G. Basler Chair of Excellence for the Integration of the Arts, Rhetoric, and Science	Jan 1995	Lee Anne Wilson (fall 2015) Jeff Titon (spring 2016)

East Tennessee State University

AFG Industries Chair of Excellence in Business and Technology

Status of the Chair of Excellence

Since 1992 Andy Czuchry, PhD has served as Chair Holder of *the AFG Industries Chair of Excellence in Business and Technology*. Dr. Czuchry is a Professor of Management and Engineering Technology and a Senior Member of the Graduate Faculty. Czuchry was recognized with the 2006 Ned McWherter Leadership Award for his work “in promoting performance excellence in the classroom, profession and throughout the communities we serve,” and in 2012 he received the Association for Global Business Award because of “his outstanding work to promote global education in cooperation with business concerns.” He has more than 100 publications in his field.

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

Three longer range goals are important to the Chair’s continued success. These are:

- 1) Continue promoting technology based entrepreneurship;
- 2) Cultivate experiential learning via living laboratory mutually beneficial partnerships with the professional communities we serve; and
- 3) Improve the professional development skills of graduates while simultaneously promoting regional economic development to create highly skilled jobs so that our graduates will be able to stay in the region that they love without the fear of being underemployed.

Accomplishments during the past year include major achievements in Teaching, Professional Service, and Applied Research. Our cross disciplinary partnership between ETSU’s Colleges of Education and Business and Technology was strengthened completing a Work Force Development software enhancement project funded during the summer of 2016. In partnership with Bristol Tennessee Essential Services and the Johnson City Power Board; Mayors Dan Eldridge and Richard S. Venable provided the \$15,000 funding so that our Technology could be further enhanced and be ready for a pilot project during the fall term in 2016 (\$7,500 from Mayor Eldridge is pending). Given that the program enhances the work force readiness of the high school students in fall 2016 efforts in Sullivan and Washington Counties we will have a framework that could be deployed throughout the eight counties comprising the First Tennessee Development District.

In Research: a peer reviewed paper was published in the 2016 ASEE Conference Proceedings that is also noteworthy because it was coauthored by Dr. Jim Lampley and two of our doctoral fellows, Addison Karnes and Lenny Craig.

Recommendations to Enhance the Effectiveness of the Program

We recommend continuing to explore opportunities to advance and expand the entrepreneurship program within the College of Business and Technology.

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 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, he 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 effective working relationships with business and governmental leaders in the region.

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 the College of Business and Technology, regionally, nationally and worldwide. During 2015-2016, Dr. Spritzer provided leadership on several community boards and committees including the Johnson City Development Authority (JCDA) for which he was elected treasurer and Executive Committee member; the Downtown Johnson City Foundation; and the Northeast Tennessee Economic Development Corporation. During the reporting year, Dr. Spritzer was appointed by the Johnson City Commission to serve on the Washington County Tax Equalization Board. Some other examples of mission-related activities during 2015-16 include Dr. Spritzer's work with JCDA and the City of Johnson City to support the revitalization of downtown Johnson City and his involvement in the review and approval of low interest loans for regional business development and expansion funded by the Northeast Tennessee Economic Development Corporation. In addition, Dr. Spritzer served on the Allocations Committee of the Washington County United Way. At ETSU, the Harris Chair served on the institution's Academic Program Review Committee, appointed by President Brian Noland. He also assumed leadership for the development of a business community briefing program by CBAT faculty experts.

The Harris Chair's involvement with AACSB International included his continued role in AACSB's 3-day annual New Deans Seminar, offered in Denver, Colorado in June 2016. Since its inception in 2001 under Dr. Spritzer's leadership, more than 600 new business school deans have completed this program. The Harris Chair also continued his volunteer service as a pre-accreditation mentor for the University of Macau.

Recommendations to Enhance the Effectiveness of the Program

Dr. Spritzer has made a commitment to increase the scholarly contributions of the Harris Chair.

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, book chapters and research papers during 2015-16. This research has been supported by grants from the National Institutes of Health (NIH) and American Heart Association (AHA).

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 2015-16. This work also supported by grants from NIH and AHA.

Dr. Kao published four peer reviewed scientific papers plus seven scientific abstracts and/or presentations during 2015-16 with other faculty members, residents and students. Three out of the seven abstracts are award winning abstracts at different scientific meetings. He serves on councils of AHA and on the editorial boards for three journals, 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 has submitted two NIH grants and one AHA grant during 2015-16.

Recommendations to Enhance the Effectiveness of the Program

- Continue applying for extramural grants to support chair's research and teaching activities.
- Encourage and help students, residents and faculties in their scholarly activities.
- Seeking additional funding and protected time to the residents and clinical faculties to enhance their research interest.
- Expend collaboration with faculties of other department at East Tennessee State University.

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*. He maintained and enhanced its national and international reputation and visibility as evidenced by having been awarded the Bronze Medal for Commendable Service by the US Environmental Protection Agency Washington, DC for serving on the Interagency Working Group on Medical Radiation and developing the Federal Guidance Report No. 14. The Southern Medical Association invited him to develop the 18th annual program on osteoporosis, Auburn University invited him to develop a program as part of the MBA for Physician Executives. He is the Editor-in-Chief of the *Journal of Clinical Densitometry* and editor of the *Gerontology and Geriatric Medicine Journal*. The Chair has been elected as President-Elect of the Geriatric Medicine Section of the Royal Society of Medicine in England.

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

Dr. Hamdy is heavily involved in several activities of the College of Medicine and other colleges at East Tennessee State University. Multidisciplinary Geriatric Medicine Grand Rounds continue to be offered twice a month. They are recorded and available for viewing. Electives are offered to medical students and residents. The Chair was a thesis advisor to Anke Burgett, a medical student from the University of Rostock.

The Chair continues to collaborate with Dr. R. Mohesni (Chemistry) and Edith Seier (Mathematics) to study the biodegradation of vitamin D by sunlight. Preliminary work was presented at the annual meeting of the American Society for Bone and Mineral Research. The practical work is now completed and results are being analyzed. Collaboration with Dr. Shimin and Dr. A. Clark (Allied Health) continues to progress. The close collaboration with Dr. A Kinser and P Cronin (Communication & Performance), Dr. K Goodkin (Psychiatry) also continues. Several educational programs have been developed and very favorably received. These programs are being expanded and aim at showing how, while caring for patients with dementia catastrophic outcomes can be avoided or defused. The Chair is developing two self-study, structured, modular case-based programs on osteoporosis and dementia.

Two series of educational programs entitled "Successfully navigating old age" specifically geared to the lay public have been held in 2015/2016: one at Kingsport under the aegis of the Kingsport Association of Continued Learning and the other Virginia: Southwest Virginia Higher Education Center programs. A further program is scheduled for December 2016. Several individual lectures for the lay public are also given by the chair at various institutions.

Completed studies include: scanning various parts of the wrist to diagnose osteoporosis, the metabolic degradation of vitamins D and the impact of including BMD/T-scores to the FRAX score to assess fracture risk. Preliminary results were presented at annual meetings including the International Osteoporosis Foundation.

Recommendations to Enhance the Effectiveness of the Program

- Continue/expand the work on biodegradation of vitamin D.
- Continue/expand educational 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*. The Clemmer College of Education has identified STEM (science, technology, engineering, and mathematics) education as an area of focus to be addressed through the Quillen Chair. Through working closely with the ETSU Center of Excellence in Mathematics and Science Education (CEMSE), they support the advancement of PreK – 20 STEM education through direct services, partnerships, research, institutes/workshops, and as an information conduit providing standards-based resources.

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

Dr. Govett is serving as Chair of the 2016 Conference Committee for the Mid-Atlantic Association for Science Teacher Educators (MA-ASTE) to be held at the Edgewater Hotel and Conference Center, Gatlinburg, Tennessee. She also served as a Thread Coordinator for review of proposals for the 2016 International Association of Science Teacher Education (ASTE) Conference.

Dr. Govett has been Co-Principal Investigator on two National Science Foundation (NSF) grants funded during tenure as Quillen Chair: \$3,897,037; Total grant funding requested since tenure as Quillen Chair was \$4,595,517. Dr. Govett is submitting an NSF Robert Noyce Teacher Scholarship Grant as Principal Investigator in collaboration with STEM faculty from three colleges; six local school districts; two community colleges and two non-profit organizations. The NSF-Noyce Scholarship proposal entitled “ETSU Noyce Scholars” will recruit and support highly qualified teacher candidates with a STEM degree leading into a Master’s degree and initial teaching licensure in a STEM discipline. Each summer will involve a research experience under the mentorship of STEM faculty. (Funding requested \$500,000; submission date: September 1, 2016). She has visited 21 classrooms in various departments with recruitment material on the ETSU campus. This has yielded a potential list of 137 MAT students with 40 applications received by the School of Graduate Studies.

Through the Quillen Chair, Dr. Govett has hosted nine ETSU Teacher Candidates to the National Science Teachers Conference, held in Nashville, Tennessee on March 30 to April 2, 2016. She hosted a Chemistry Teacher Candidate, who submitted a presentation proposal and was accepted at the College Science Teachers Association conference in April 2016.

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 CUAJ 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 of all ages, in all subspecialties with inherited disorders/ genetic conditions. Major areas of practice are prenatal, 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 was established by him.

Dr. Hajianpour is planning to establish in the next 5-10 years, 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).
- Travel and meet other medical facilities and physicians in the area (on-going)
- Improve dissemination via dedicated ETSU websites
- Add genetic counselor (s) as the services expand in different areas of medical genetics, such as prenatal genetic, cancer genetics
- Participate in clinical research and cancer research in cooperation with existing research laboratories (e.g., Dr. William Stones at ETSU Pediatrics)
- Expand genetic services in East Tennessee for additional funding opportunities

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.

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

Dr. Krishnan has been involved with laboratory and patient-centered research in a collaborative manner in the College of Medicine. The focus of the Chair Holder's laboratory research has been the study of mechanisms of cancer preventive drugs like tocotrienols, statins and metformin. In collaboration with Dr. William Stone, Department of Pediatrics, a NIH R-15 grant with an approved budget for \$438,000 is in review. An ETSU RDC Major Interdisciplinary Grant (\$28,000) has also been submitted. Recently a state of the art image analyzer acquired through endowed funds was opened out to the research community as a core facility.

The Chair Holder was a co-PI in the just completed five-year NIH R-25 grant in collaboration with the Department of Family Medicine and the program in Storytelling to build teaching modules to improve patient-physician communication in oncology. This effort has been very productive both in terms of academic productivity and program development (2 manuscripts in peer review, 2 in preparation and 18 presentations over the period 2009-2016). Through the experience gathered from this effort, Joseph Sobol from the Story Telling Program and the Chair Holder were inspired to initiate a discussion on setting up a Narrative Medicine program in the University.

Dr. Krishnan is actively involved with oncology patient care at the Regional Cancer Center. Dr. Krishnan continues to foster research interest through encouragement of undergraduate, graduate and medical students, residents and oncology fellows. Some of them have obtained seed funding and many of them have successfully made presentations at the American Association of Cancer Research (AACR) annual meeting. The Chair holds appointments in graduate committees for students from the Department of Biomedical Sciences and the Gatton College of Pharmacy. He also serves on administrative committees in the Department of Internal Medicine. He is also Chief Editor on Hematology section of Medscape and an Academic Editor for the journal, PLoS One.

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
- 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
- Open the image analyser facility to researchers

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.

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. In Fall 2015 we experimented with a shorter-term position. Dr. Lee Anne Wilson, Professor Emerita in Physics and Astronomy at Iowa State University, held a position for the 3-week period, October 19 through November 6. During this time she presented two public lectures, and an exhibition of her art work, and she served as a guest lecturer in a number of classes.

In spring 2016, Dr. Jeff Titon, Professor Emeritus of Music at Brown University served as a regular Basler Chair. He taught two classes, he delivered a number of public lectures, and he hosted a panel discussion on April 4 entitled "Symposium on Music, Sound, and the Environment", which was well attended.

Recommendations to Enhance the Effectiveness of the Program

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

Middle Tennessee State University, 2015-16

	Chair of Excellence	Date Established	Chair Holder
1)	John Seigenthaler Chair of Excellence in First Amendment Studies	March 1986	Deborah Fisher
2)	Jennings A. Jones Chair of Excellence in Free Enterprise	March 1986	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 Accounting	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 current Chair Holder is Deborah Fisher, an award-winning 25-year veteran journalist and newsroom leader, and the director of the Tennessee Coalition for Open Government which provides education and research into Tennessee's Freedom of Information laws.

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

The mission of the John Seigenthaler Chair is to promote awareness and understanding of the First Amendment and to support quality journalism in the state through deepening the experiences of students and partnerships in the community.

During the 2015-2016 academic year, the Chair

- contributed thousands of dollars in scholarship monies to MTSU students participating in the Seigenthaler News Service (in operation since 2012), giving students hands-on practical experience through matching student work with the needs of area media outlets
- supervised media students who produced news coverage of the Americana Festival, Tin Pan South Songwriters Festival, and the Bonnaroo Music and Arts Festival;
- sponsored several MTSU journalism students for a three-week, for-credit feature writing class, partnering with news organizations across the state;
- worked closely with the College of Media and Entertainment faculty to develop courses designed to instill core journalism values of accuracy, ethics and fairness while teaching sound reporting and editing techniques using the latest news-gathering tools;
- increased its visibility in Tennessee through a weekly email newsletter that reaches more than 600 news media professionals, First Amendment lawyers, college students and journalism faculty across the state. The newsletter is a digest of news and viewpoints, further expanding the understanding of the vibrant role of the First Amendment in our society;
- co-sponsored author lectures on campus, including Pulitzer Prize-winning historian Jon Meacham in February 2016 and the best-selling author Rebecca Wells of "Ya-Ya Sisterhood" fame in October 2015. Both author programs were presented with the help of Nashville-based Tennessee Humanities, which produces one of the Southern Festival of Books; and

- collaborated to involve electronic media student videographers in the Ted Talk-like symposia series “Who Knew,” helping build the brand of MTSU’s newly named College of Media and Entertainment in front of key entertainment community leaders in Nashville.

Recommendations to Enhance the Effectiveness of the Program

The chair plans to continue to program relevant and educational events on campus and provide opportunities for students to gain hands-on experience by:

- host a Washington Post investigative editor whose team won the 2016 Pulitzer Prize in National Reporting;
- acquire the rights to a comprehensive two-volume reference on the First Amendment; and
- continue to support journalism instruction and scholarship on campus, engage in partnerships with area media outlets and other corporate entities to better prepare students for potential careers in journalism and communications-related fields, and strengthen the quality and quantity of First Amendment-related lectures and seminars on campus.

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. Mr. Aubrey B. Harwell, Jr. is the second and current Chair Holder.

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

Mr. Harwell made a presentation entitled "Success & Failure – One Case at a Time" for the Coffee Series at Well Placed Smiles. Support was provided by the Chair for Constitution Day, September 17, 2015, as a part of the American Democracy Project on campus.

The Chair hosted a fall conference entitled "21st Century Generations@Work" held at the Embassy Suites Hotel in Murfreesboro. This year's conference follows last year's event which focused on the impact of the influx of Millennials in the workplace. The focus of this year's conference was assisting business leaders in understanding and navigating generational differences within their workforces. Keynote speakers included Matt Thornhill and John Martin of Virginia-based marketing research company *GenerationsMatter*.

The Jennings A. Jones Champion of Free Enterprise Award was presented to Randy Knight, Vice President of Manufacturing at Nissan's Smyrna Vehicle Assembly Plant. 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. Randy is responsible for the plant's operation including safety, quality, operations, productivity and environmental compliance. He joined Nissan in 1983 as a production technician in the Smyrna Paint Plant. He was promoted to area manager in Material Handling in 1990 and later promoted to management positions in several areas of the plant. Randy holds a bachelor's degree in business administration from MTSU.

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 partnerships and monitors health workforce issues affecting access and quality of health care services. In 2015-2016, Dr. Edwards obtained \$335K in grants and contracts, bringing the Center for Health and Human Services to a lifetime external funding totaling over \$10,000,000.

The *Prevention through Understanding: Investigating Unexpected Infant Death* project has trained this period over 2,000 professionals, distributed 5,075 trainee manuals and provided 123 infant death investigation dolls to law enforcement departments with the goal of reducing infant mortality. The Center served and enhanced Tennessee's statewide Cancer Coalition, supporting initiatives such as the successful *Ask Me* campaign for breast and colorectal screening awareness, which targets areas with high mortality rates from colorectal cancer, obesity and/or diabetes. At least one evidenced-based project with an evaluation component, was implemented for each of the six regions of the state which correlated to health education goals of the CDC-approved 2015-2016 CDC-TCCCP Action Plan and included the CDC priority areas. An Anti-Tobacco Initiative completed a four-year project that reached 56,000 people and disseminated over 200,000 materials, and is now focused on reaching women who are pregnant and are smokers. The research-proven SMART Moms program is helping pregnant women to quit smoking with the encouragement of healthcare providers.

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

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 Director of the Center for Health and Human Services as of that date. The Center for Health and Human Services is now managed through the College of Graduate Studies and the Office of Sponsored Research.

Dr. Edwards has been awarded post retirement status and will continue 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. She will maintain her visibility, representing the Adams Chair, and will focus on health workforce issues.

She serves on the 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 and on the committees that develop the State Health Plan, the State Obesity Plan, and the Tennessee Hospital Association Workforce Board 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 Middle Tennessee State University School of Nursing; 2) recruit geriatric nursing experts of national stature to the nursing faculty at Middle Tennessee State University; 3) promote the development and integration of geriatric nursing and geriatric research at Middle Tennessee State University; 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 Middle Tennessee State University 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

The position was last advertised November 2012. There have been no suitable applicants as of this writing. A focused hiring plan is being developed this academic year with the intent of advertising the position in fall 2017 for a new chair holder to be in place beginning fall 2018. 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. The Chair serves on all Engineering and all Technology Industrial Advisory Councils to assist the department in establishing common goals that would benefit all programs in the department. 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 a prototype of the new switched reluctance motor as part of his activities with Three Cross Holdings, LLC. Dr. Perry has invented a new high torque switched reluctance motor specifically for heavy vehicles. Jim Hendershot reviewed the design and strongly suggested Patent protection.

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 a committee to develop an online system to connect companies with students for internship positions. A major portion of this effort is working with the Manufacturing Leadership Council.

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. Dr. Timothy Odegard has been the Chair Holder 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

Since his arrival in November of 2015, Dr. Odegard has made an immediate impact on the initiatives outlined for the Chair. He is developing a series of short open access videos to raise awareness about dyslexia. The first video is being used by stakeholder groups from across the country to raise awareness about dyslexia. He has planned a symposium for parents and educators to be hosted at MTSU during Dyslexia awareness month to raise awareness about meeting the needs of individuals with dyslexia.

Dr. Odegard continues to serve as a national leader in the area of dyslexia working with educational groups across the country as they implement instructional models to meet the needs of individuals with dyslexia. He continues to present within Tennessee and across the country to educators about dyslexia and specific reading disability. He continues to publish basic and applied research in peer reviewed scientific journals and to work with collaborative teams to carry out research in the area of dyslexia and literacy.

Recommendations to Enhance the Effectiveness of the Program

The Chair will provide the opportunity to further establish and expand the research base regarding causes of dyslexia and educational interventions and the work of the Center for the Study and Treatment of Dyslexia, the PhD in Literacy Studies, and the College of Education to enhance professional learning opportunities for development of educators. He will work closely with the Tennessee Center for Dyslexia to maximize the services provided to the state through the center. He will work closely with the College of Education and the PhD in Literacy Studies program to identify and implement enhanced teacher preparation models to meet the needs of students with dyslexia and related specific reading disabilities.

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 with 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 eight 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 impact on muscle development 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. Dr. Spooner and her graduate students will soon submit at least 7 abstracts to the 2017 Equine Science Society Symposium, and she has three manuscripts submitted for publication.

Dr. Spooner provides key industry leadership, serving on the board of the Tennessee Stock Horse Association, TN Pony of the Americas club, and the AQHA Equine Research Committee. Dr. Spooner also coaches the MTSU Stock Horse team, recently named ASHA Division II National Champions. Her industry outreach includes educational programs for numerous breed and discipline groups as well as UT Extension.

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 of 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. He occupied the Equine Health specialist position previously from 2003-2010.

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 undergraduate as well as graduate level reproduction along with other undergraduate courses in animal welfare and equine health. He currently serves as major advisor on two graduate student committees, and 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 is currently conducting several research projects, one of which is funded by an external grant from Boehringer Ingelheim Vetmedica Inc. An abstract from this work was presented 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. He has successfully produced two foals with frozen semen from a highly pedigreed popular deceased stallion, and it is expected that one of these foals will replace the current MTSU breeding stallion who is aged and has reduced fertility. He is the current President of the Middle Tennessee Academy of Equine Practitioners.

Additionally, Dr. Haffner brings an international connection as he travels to Mongolia on an annual basis to teach and conduct research. In August 2015, 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, Mr. 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 2015-2016. Unspent recurring funds were 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.

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.

Funds from the chair may be used to support the development of a conference on trends in urban housing to be conducted in early 2017.

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.

The Chair is being funded by \$2.5 million Chair of Excellence Appropriation along with a \$2.5 million institutional match that is projected to generate the \$140,000 income required to support the expenses.

Mr. Jacobs' commitment has been met. Our goal was to have a Chair Holder in place for fall 2016. MTSU is working with the state to finalize the details of the new COE along with understanding the spendable funding to be provided for 2016-2017.

Tennessee State University, 2015-2016

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

Tennessee State University Frist Chair of Excellence in Business

Status of the Chair of Excellence

A search for a permanent holder of the *Frist Chair of Excellence in Business* was conducted during the 2014-2015 academic year. Dr. Stephen Shanklin was selected to serve as the Holder of the Frist Chair of Excellence in Business with a focus on Accounting.

Dr. Stephen B. 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. Teaching positions over the years include Tennessee State University, University of Southern Indiana, University of Tennessee at Martin, Lane College, Lambuth University, and Washington University – St. Louis.

Academic contributions include numerous refereed journal articles and conference proceedings as well as the development and editing of instructor materials and testing supplements for two editions of an Advanced Financial Accounting text currently in extended use. Further contributions include invited faculty positions and featured speaker for keynote addresses at the Ruck Leadership Institute at the University of Richmond and the College of William & Mary since 1997.

Most recent service engagement includes: (1) Consulting service for underserved communities in Middle Tennessee in association with the Massie Chair of Excellence Program 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 the Chair of Excellence on TSU, College, and Programs Recommendations to Enhance the Effectiveness of the Program

A new initiative from the Frist Chair of Excellence for 2105-2016 included the study of engaging in a collaborative effort with the AICPA, professional accounting firms, and institutions of higher education across the mid-south region to develop an institute to assure that students from underrepresented demographic groups have the necessary

leadership skills and professional attitude to be successful in future accountancy careers. Developing the partnerships and professional support to make such a program successful continues to be the priority for the upcoming 2016-2017 academic year.

Dr. Shanklin, serving as the Frist Chair Professor, 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. Additional emphasis in the Frist Chair's efforts will be centered on further nurturing the valuable relationships of the College of Business with core stakeholders in the accounting and business professions, both locally and nationally.

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 is presently vacant.

A search was conducted for a permanent Chair Holder during the 2015-2016 Academic Year. No acceptable candidate was identified. Another search will be conducted during AY 2016-17.

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

The appointment of a Chair of Excellence holder will aid the College 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, 2015-16

	Chair of Excellence	Date Established	Chair Holder
1)	William E. Mayberry Chair of Excellence Business Administration	1990	Curt W. Reimann
2)	Jesse E. Owen Chair of Excellence (Emerging Technologies, System Management, IT Human Resources, and Strategic Management)	1988	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 quality-related practices in business and education on a local, state, and national level by conducting and disseminating research, implementing quality-related projects and activities, conducting workshops for practitioners, and instructing students. The Chair is supported by a highly distinguished board of advisors. Established in 1990, Dr. Curt Reimann serves as the current Chair Holder.

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

- Serves on NIST Standards Alumni Association Committees for Distinguished Alumni Selection, Program, and Orientation of new NIST employees
- Renewed as Contractor and advisor to NIST's Manufacturing Extension Partnership (MEP) Program in areas of Center evaluation and research
- Participant in the TTU iCube project on Building 21st Century Manufacturing Talent

Recommendations to Enhance the Effectiveness of the Program

Continue with the implementation of the strategic plan that was developed in Fall 2014 to keep the Mayberry Chair's agenda current and relevant. In the context of that plan, identify opportunities such as advancing key concepts and applications of innovation and integration in business education curriculum and outreach that align with the priorities of Tennessee Tech University and the College of Business.

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 and serves on the editorial board and reviews manuscripts upon request for many professional journals.

Publications:

- Guimaraes, T., Nagano, M. S., and Armstrong, C., *"Testing Some Factors for Reducing Obstacles to Product Innovation Success"*, International Journal of the Academic Business World, Published, AIS, Vol. 9 Issue 2, pp.11-26, Fall 2015.
- Nagano, M. S., Stefanovitz, J. P. and Guimaraes, T., *"Assessing Some Important Factors for Reducing Obstacles to Product Innovation Success"*, International Journal of Innovation Management, Published, AIS, Vol. 20, Issue 3, April 2016.
- Madeira, G., Guimaraes, T., and Mendez, L., *"Assessing some models for city e-government implementation: a case study"*, Electronic Government, An International Journal, Published, AIS. Vol. 12, Issue 2, pp. 86-105, 2016
- Caccia-Bava, M., Guimaraes, V., Guimaraes, T., *"Empirically testing some factors affecting HMS usage"*, International Journal of Health Care Quality Assurance, Vol. 29 Issue 6, pp.628 – 645, 2016.
- Guimaraes, T., and Brandon, B., *"Increasing Bank BPR Benefits by Managing Project Phases"*, Knowledge and Process Management, Accepted, AIS.

Presentations:

- Guimaraes, T., Guimaraes, V., Thielman, B., Cornick, M., *"AB Capacity as Moderator for Company Innovation Success"*, Academic Business World International Conference, Accepted, May 2016, AIS, International, Yes, Nashville, TN.
- Caccia-Bava, M., Guimaraes, V., Guimaraes, T., *"Empirically testing some factors affecting HMS usage"*, Academic Business World International Conference, Accepted, May 2016, AIS, International, Yes, Nashville, TN

- Guimaraes, T., Paranjape, K., Cornick, M. and Armstrong, C., “Empirically Testing Factors Increasing Manufacturing Product Innovation Success”, ISPIM Innovation Forum, Accepted, March 2016, AIS, International, Yes, Boston, MA.

Rankings:

Worldwide Research Productivity Ratings

[Based only on research published in the leading information systems (IS) journals]

Time Period	Ratings Published by	World Ranking
1992-1996	Athey, S. & Plotnicki, J., Communication of the Association for Information Systems, Vol. 3, Article 7, 2000. (Ratings based on research published in the top ten journals)	8 th Place
1991-1997	Im, K.S., Kim, K.Y., & Kim, J.S., Decision Line, September/October, 29(5), 12-15, 1998. (Ratings based on research published in the top six journals)	12 th Place
1984-1988	Remus, W., University of Hawaii PRIISM Working Paper no. 89-006.2, September 5, 1989. (Ratings based on research published in the top four journals)	13 th Place
1980-1988	Shim, J.P., English, J. B. & Yoon, J., Socio-Economic Planning Science, 25(3) pp. 211-219, 1991. (Ratings based on research published in the top eight journals)	15 th Place

ACKNOWLEDGEMENTS:

1. Most of the research publications rated here have been produced with the invaluable assistance of business practitioners, co-authors, reviewers, editors, and personal assistants.
2. Since 1991, due to the Jesse E. Owen Chair’s mission, research projects increasingly became much broader in scope, thus targeting non-IS journals without author productivity rankings.

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, 2015-16

	Chair of Excellence	Date Established	Chair Holder
1)	Bornblum Chair of Excellence in Judaic Studies	March 1987	Israel Koren (2017)
2)	W. Harry Feinstone Chair of Excellence in Molecular Biology	Sept 1984	Tom Sutter
3)	Jabie Sanford Hardin III Chair of Excellence in Combinatorics	Aug 1993	Bela Bollobas
4)	Lillian and Morrie Moss Chair of Excellence in Computer Science	June 1987	Santosh Kumar
5)	Lillian and Morrie Moss Chair of Excellence in Philosophy	Dec 1986	Shaun Gallagher
6)	Lillian and Morrie Moss Chair of Excellence in Psychology	March 1991	J. Gayle Beck
7)	Plough Chair of Excellence in Audiology and Speech-Language Pathology	Aug 2000	D. Kimbrough Oller
8)	William N. Morris Chair of Excellence in International Economics	June 1987	David Kemme
9)	Robert Wang Chair of Excellence in International Business	June 1987	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	Rajiv Grover
12)	Thompson Chair of Excellence of Excellence in Accountancy	Sept 1986	Vacant since Sept 2011
13)	Thompson-Hill Chair of Excellence in Accounting	June 1986	Zabihollah Rezaee
14)	Morris S. Fogelman Chair of Excellence in Real Estate	June 1986	Mark A. Sunderman
15)	Wunderlich Chair of Excellence in Finance	March 1987	Thomas H. McInish
16)	The University of Memphis Chair of Excellence in Free Enterprise Management	June 1987	Peter Wright
17)	Federal Express Chair of Excellence in Management Information Systems	June 1989	William Kettinger
18)	Dorothy Kayser Hohenberg Chair of Excellence	June 1988	Elizabeth Childs-Johnson
19)	Helen and Jabie Hardin Chair of Excellence in Economics/Managerial Journalism	June 1995	Otis Sanford

Chair of Excellence	Date Established	Chair Holder
20) Lillian and Morrie Moss Chair of Excellence in Urban Education	March 1991	Beverly Cross
21) Herbert Herff Chair of Excellence Biomedical Engineering (I)	June 1987	Warren O. Haggard
22) Herbert Herff Chair of Excellence Biomedical Engineering (II)	March 1987	Gary Bowlin
23) Herbert Herff Chair of Excellence in Law	Sept 1984	Andrew J. McClurg
24) William A. and Ruth F. Loewenberg Chair of Excellence in Nursing	June 1988	Vacant since 2015

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 set up through an endowment established by 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 for either a minor in Judaic Studies or a Bachelor's in Liberal Studies with a concentration in Judaic Studies. The Chair has been vacant since May 2010.

The current funds in the Bornblum Chair are sufficient to cover an outstanding visitor every year for one semester, usually from Israel. In 2016, due to prior commitments, Dr. David Heyd ultimately declined the teaching opportunity offered at University of Memphis for a semester. The Chair is currently vacant due to timing and the lack of suitable candidates on short notice

In 2017, Dr. Israel Koren from Oranim College of Education, an expert on Jewish mysticism (Kabbalah, Hasidim and Neo-Hasidim) will be our guest for 2017. He will teach two courses:

- Philosophy and Mysticism in Martin Buber's Thought
- Determinism, Freedom and Free Will in Classical and Jewish Sources

Additionally, Dr. Koren 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 what are now 24 Chairs of Excellence at the University of Memphis. Dr. Thomas Sutter, professor of biological sciences, is the current Chair Holder.

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

Dr. Thomas 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 NSF grant review panels, as well as three separate international review panels. He was the Principle Investigator on three research projects and applied for several large grants, one of which is pending. He provides exemplary institutional service as evidenced by efforts to improve student recruitment through a strategic plan to utilize the Center to develop interdisciplinary research with emphasis in genomics and bioinformatics.

Dr. Sutter is an active member of six 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 conducted 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 three PhD students during the past year. Dr. Bollobas was the investigator on numerous research projects including four external grants.

Dr. Bollobas is the Editor-in-chief of numerous journals, e.g. *Combinatoris*, *Probability and Computing*; General Editor of *Cambridge Tracts in Mathematics*; *Discrete Mathematics*; *London Mathematical Society*; *European Journal of Combinatorics*; *Journal of Graph Theory*; *Random Structures and Algorithms*. 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 Professor Santosh Kumar was awarded this 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 and wellness 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 clinical field trials at 10 different universities across the country.

His research is currently supported with six grants from the National Institutes of Health (NIH) and two grants from the National Science Foundation (NSF) worth \$20 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. The MD2K Center led by Dr. Kumar is headquartered in Memphis and includes a multidisciplinary team of 21 high-profile investigators from 12 universities (Cornell, Georgia Tech, Memphis, Michigan, Northwestern, Ohio State, UCLA, UCSF, UCSD, UMass, Rice, and West Virginia).

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 meetings 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 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.

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 international recognition for his research. He was awarded 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 a Professorial Fellowship on the Faculty of Law, Humanities and the Arts at the University of Wollongong (Australia) and honorary professorships at Durham University (UK) and the University of Tromsø (Norway). He was Senior Research Fellow at Keble College, Oxford University in Summer 2016 and will be a visiting researcher at the Husserl Archives, *École normale supérieure, Paris in June 2017*. During the past year he served as co-PI on two external grants to support postdoctoral positions at Memphis, funded internationally by the Humboldt Foundation and the Marie Curie Action Fellowships. His book *The Phenomenological Mind* (now translated into 7 languages, the most recent, Polish in 2015) was named an Outstanding Academic title by Choice in 2012. His publication rate has been exceptional, and includes a new co-authored book, *A Neurophenomenology of Awe and Wonder*, published in October 2015 by Palgrave Macmillan, 14 journal articles and 7 chapters published in 2015.

He 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 currently serves as Editor-in-Chief of the international and interdisciplinary *Phenomenology and the Cognitive Sciences*, 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 he is currently directing two other dissertations. Since 2013 he has served on seven 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 curriculum development and instructional improvement. He developed two new courses for AY 2015-16 and was responsible for the development of an online course in critical theory. He served on department's Graduate Admissions Committee in 2015-16 and is chairing that committee in 2016-17. He is also chairing the department's T&P committee in 2016-17. His grants and research connections supported four Memphis PhD students with full funding to travel to and study in Australia, Europe and Japan in 2015, and facilitated a postdoctoral position for a 2015 Memphis PhD in Toronto and a 2016 Memphis PhD in Mexico City.

Recommendations to Enhance the Effectiveness of the Program

Continue excellent publication record, and participation in national and international conferences, which bring tremendous visibility to the university.

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

Since beginning in the COE position at the University of Memphis in August 2008, Dr. Beck has maintained a position of national recognition within her field, participated in national, regional, and local professional organizations, and participated in decision-making processes on campus.

In 2015-2016, Dr. Beck continued her leadership role in 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 Memphis Community and a rich database for ongoing research. She also played an important role in several important collaborations on campus, most notably, the NIH Center of Excellence “Medical Devices to Knowledge (MD2K)” project led by Dr. Santosh that brought a grant of \$10.8M to the UoM and significant regional and national attention. Most recently, 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 also authored or co-authored four book chapters and eleven peer-reviewed journal articles during that time, with another seven currently in press. She currently has five manuscripts under review in which she has actively involved her students. She continues her support of students and has either been a chair or a member of seven thesis or dissertation committees. She is active in outreach with numerous local and regional mental health organizations. Recently, Dr. Beck was awarded the Florence Halpern Award for Distinguished Professional Contributions to Clinical Psychology, Society of Clinical Psychology.

Dr. Beck serves as Editor-in-Chief for *Clinical Psychology: Science and Practice*, and is on the editorial board of four professional journals.

Recommendations to Enhance the Effectiveness of the Program

Continue excellent publication 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 12 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.

Oller currently holds a research grant from the National Institutes of Health (NIH) for nearly 3 million dollars, and has been funded at the University of Memphis continuously by NIH since 2004 under two additional major grants. He has a proposal currently under review to NIDCD for an additional 3 million dollars, which if approved could begin as early as January 2017.

Since his hiring in 2002, Oller has spoken at 178 national and international conferences and has published 66 articles and three books. He recently conducted a Konrad Lorenz Institute workshop on the evolution of language, articles from which he is now editing for publication in *Topics in Cognitive Science*. 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 last year. In the past his research has been translated and published in Armenian, Japanese, Russian and Ukrainian. Last year, two major technical assistance papers were translated and distributed in Russian.

He continues to serve on the Editorial Board of the Atlantic Economic Journal. He continues as a member of the Scientific Committee of the Editorial Board of the European Journal of Comparative Economics, published by the European Association of Comparative Economic Studies, the leading European association in the field of economic systems. 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, thus increasing national and international 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 very 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 is 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 co-sponsored twelve national and international business and research conferences. He serves in leadership positions for 12 local, regional, and national professional organizations. He continues to provide study abroad support for both students and faculty. 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 published eight refereed journal articles and book chapters and presented at nine conferences. He currently has three books in publication. He also facilitates and supports 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 take advantage of 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 is currently in the process of contacting the donor who established the Sparks Family Chair of Excellence in International Business. He will seek their input and approval to revise and broaden the criteria for the Chair, which should provide a more comprehensive pool of applicants for the position. Following his conversation with the donor, we will prepare a memo for President Rudd to send to Chancellor Gregory that initiates the approval process to change the criteria for the Sparks Chair.

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.

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. 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.

University of Memphis James E. Thompson Chair of Excellence in Accountancy

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 is currently in the process of contacting the donor who established the Thompson Chair of Excellence in Accountancy. He will seek their input and approval to revise and broaden the criteria for the Chair, which should provide a more comprehensive pool of applicants for the position. Following his conversation with the donor, we will prepare a memo for President Rudd to send to Chancellor Gregory that initiates the approval process to change the criteria for the Sparks Chair.

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

Professor 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. He was the keynote speaker at several international conferences in China, Hong Kong and Iran in 2013.

Recommendations to Enhance the Effectiveness of the Program

Continue active research agenda aimed toward leading journals and maintain 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 twelve papers at regional, national, and international meetings and published two journal articles. One of his papers received a Best Paper Award at the Academy of Business Research conference. His numerous research projects with doctoral students have consistently resulted in professional, paper presentation and/or publications.

The COE 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.

Dr. Sunderman has played a leading role in the development of the department's new online BBA degree program and is active in the college's e-learn and technology committees while teaching a very heavy teaching load at all levels as part of the development of the on-line programs.

Recommendations to Enhance the Effectiveness of the Program

Work to increase publications, which will allow the research expertise of the Chair Holder to be better reflected.

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 scholar in the discipline of finance. Chair Holder maintains an active research program. 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 written one book chapter. He has seven refereed journal publications. 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 journal, 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 was recently 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 mentor chairing or co-chairing five dissertation committees and serving as member of five 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 five 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

Increase rate of publication to levels more closely consistent with previous outputs.

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 Dr. Kettinger received a Fulbright Visiting Professorship at the Vienna University of Business Economics where he also began several research projects with faculty. He 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 9 manuscripts published in 2013 and presented at four national and international conferences. He currently has several papers in various stages of submission. In 2014, he had 7 papers accepted for journal publications along with numerous additional conference papers and proceedings.

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 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 2015-16 is Elizabeth Childs-Johnson. The Chair is a rotating position with a new Chair Holder each year.

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

The Chair Holder for 2015-16 is Elizabeth Childs-Johnson. She received her PhD from the Institute of Fine Arts, New York University. An art historian and archaeologist by training, Elizabeth Childs-Johnson is a Sinologist specializing in Chinese art and archaeology of the Neolithic through Eastern Zhou eras, and in the script of Shang period China. She studied oracle bone script with the late Professor, Chin Hsiang-heng of Taiwan National University which aided in her identification of the meaning of Shang ritual bronze imagery. Her publications cover Jade Age China; Shang belief systems, script and art; cultural heritage policy and law in modern China; and Three Gorges archaeology. She is a recipient of various fellowships, most recently an American Council of Learned Societies Fellowship and a National Gallery of Art, J. Paul Getty Trust Paired Research Fellowship.

Recommendations to Enhance the Effectiveness of the Program

The Chair Holder for 2016-17 is Pamela Gerrish Nunn, born in England but a resident in New Zealand since 1989, was educated at Leicester University (BA Hons) and University College London (MA, PhD). Her fields of specialization are the 19th and early 20th 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. She 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.

University of Memphis

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

Status of the Chair of Excellence

The *Helen and Jabie Hardin Chair of Excellence in Economics/Managerial Journalism* was established in 1995. Mr. Otis Sanford of the Department of Journalism is the current Chair Holder.

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

Mr. Sanford is highly regarded in the regional and national community and known nationally as a newspaper editor and columnist. He writes a weekly political column for the Sunday Viewpoint section of The Commercial Appeal, the region's daily newspaper. He provides daily political commentary on WREG-TV Channel 3, the CBS affiliate station in Memphis. The 4:30 p.m. news show in which his commentary is aired is currently the number one news show in the Memphis market in that time slot. In addition, he serves as a regular panelist and co-host of Informed Sources, a weekly public affairs program on Channel 3.

Mr. Sanford was inducted into the Tennessee Journalism Hall of Fame on August 12, 2014, in Murfreesboro for his outstanding achievements in both print and broadcast journalism. He currently serves as faculty adviser for the U of M chapter of the National Association of Black Journalists and The Teen Appeal, the high school newspaper project in Shelby County Schools.

Recommendations to Enhance the Effectiveness of the Program

- Continue to engage the Memphis community through weekly articles and television commentaries
- Continue to raise national awareness of the important role and impact of journalism and mass communication education
- Continue to be a national voice on freedom of the press and other First Amendment issues
- Continue to share his expertise in Memphis area politics and the region's political history

University of Memphis

Lillian and Morrie Moss Chair of Excellence in Urban Education

Status of the Chair of Excellence

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

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

Dr. Cross holds national recognition as a teacher and researcher. She serves as a member of the Research and Dissemination Committee for the American Association of Colleges for Teacher Education. She has served on the American Education Research Association's (AERA) Legacy Award and Lifetime Achievement Award Committees for the Curriculum and Teacher Education Divisions. Her recent publications are appearing in the *Teachers College Record*, *The International Handbook of Research in Teacher Education* and ASCD's *Better Principals, Better Schools: What Star Principals Know, Believe and Do*. Additional national recognition includes her selection to attend the White House sponsored United State of Women Conference and Scholastic's Family and Community Engagement Symposium.

Dr. Cross provides extensive service to the university and to the community serving as qualitative methodologist on dissertations across the College of Education. The TBR approved Graduate Certificate in Urban Education enrolled its third cohort of students (all new graduate students to the University). During the past year, she guided her students in this program through engaged scholarship projects to publish a Parent and School Guide for Shelby County Schools (through the Office of Parent and Community Engagement) and a Three-Year Study of the iZone Schools (through the iZone area superintendent).

Based on her appointment by the Provost to provide leadership in coordinating projects with Shelby County Schools, she led various campus departments in collaborations including: Memphis Urban Teacher Corps collaboration with SCS to increase certification of teachers in high-needs areas; STEM-C Project with SCS technology Division and UoM Computer Science Department; The Asthma Project through the Adverse Childhood Experiences Project with the School of Nursing; and Federal Professional Development Grant Application between SCS and Faculty in Applied Linguistics.

Two research projects were conducted this past year with Shelby County Schools focused on reading pilots outcomes and experiences and professional learning coaches impact. The findings of the research were used in making district-level decisions for the district.

Recommendations to Enhance the Effectiveness of the Program

Complete and submit the book proposal solicited by a national education publisher.

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, professor of biomedical engineering, is the current Chair Holder.

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

Dr. Haggard is a highly regarded biomaterial researcher in both regional and national scientific communities. He recently was a co-author on four refereed publications and was a co-author on fourteen research presentations at various technical meetings including the ASTM Implant Retrieval Workshop. His research group has a recently issued Japanese patent. Dr. Haggard also has been active in developing a large Memphis Research Consortium research funding request in Advanced Manufacturing.

Dr. Haggard's funded research program includes grants from the Department of Defense (DOD), industrial research sponsors, FedEx Institute of Technology Innovation Fund and the National Institute of Health (NIH). His research group and UoM collaborators have six pending NIH and DOD proposals. His research group has completed two industrial funded projects with abstracts presented and one manuscript submitted.

Dr. Haggard is a member of the American Association of Orthopedic Surgeons Device Forum Committee. Additionally, he serves as a member on the Orthopedic Research Society Basic Science Committee, ASTM FO4 Committee (Medical Devices), and the University of Memphis Standing Safety Committee. Dr. Haggard serves as Chair to the University of Memphis Chemical Hygiene Committee. He maintains active memberships in multiple professional organizations and serves as a reviewer for multiple journals. He has continued his duties of Associate Dean of Research and Graduate Studies in the Herff College of Engineering for enhanced research and graduate study activities.

Recommendations to Enhance the Effectiveness of the Program

Continue active scholarship and influence in national and international discoveries in Biomedical Engineering.

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 the 2015-2016 academic year, he was the senior author on five journal articles and the co-author on 5 additional journal articles with worldwide collaborators. The work by Dr. Bowlin's laboratory was cited over 1,200 times in 2015 and 876 times to date in 2016, indicating a tremendous impact. He was also a co-author on eleven research presentations for the National Conference on Undergraduate Research, European Society of Vascular Surgery, Biomedical Engineering Society, Society of Biomaterials, and the Tissue Engineering and Regenerative Medicine International Society. Four of these abstracts were presented by his undergraduate researcher at national and international conferences.

Dr. Bowlin had one U.S. patent granted this academic year, and he filed a number of patent applications associated with his research. This newly patented technology is licensed to a Minnesota-based company, St. Teresa Medical, Inc., and is a lifesaving product (FASTCLOT®) which has completed, with great success, a clinical trial in the United Kingdom during this academic year and now awaits word of CE Mark approval and subsequent world-wide sales (minus the United States; that process is now underway). The laboratory-derived technology recently licensed from the University of Memphis to SweetBio, Inc., a local startup company spun out of his lab, has raised over \$1.5 million in the last academic year and is on pace to obtain FDA approval of their first product in 2017.

In 2015-2016, Dr. Bowlin has served as the Inaugural President for the International Society for Biomedical Polymers and Polymeric Biomaterials. He is also a member of the Executive Committee for the International Society of Applied Cardiovascular Biology. As a result of his prolific inventiveness and commercialization success and impact on lives, Dr. Bowlin was elected a Fellow of the National Academy of Inventors in the spring of 2016, a prestigious honor. He also served on the committee to select the 2016 Inductee class of the National Inventors Hall of Fame.

Dr. Bowlin's laboratory has received funding from three local companies to aid them in product development. In addition, he has had a National Institutes for Health (NIH) grant scored (at the top 3 percentile level) and should start in the fall 2016 semester. In addition,

he has submitted multiple proposals to the NIH (many still awaiting scientific review) to continue to grow his research endeavors at the University of Memphis.

Dr. Bowlin maintains active memberships in multiple professional organizations and is currently serving on five journal editorial boards. In addition, he has provided critical reviews for three different granting agencies and a large number of journals. He has also taught an advanced biomaterials graduate course and the second semester 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 biomedical discoveries, leading to 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 2015–2016, Professor McClurg taught Torts I and Torts II, required first-year courses, as well as a Gun Violence and the Law two-semester seminar. He also continued to serve as Faculty Advisor to the University of Memphis Law Review. In the fall, Professor McClurg filmed the *1L of a Ride Video Course* (West Academic Publishing 2016), an innovative 13-part video course designed to orient and prepare students for law school. McClurg created and served as director of the project, in which he wrote and edited scripts, supervised the structure and content, and served as the presenter in four of the thirteen videos. The videos also feature award-winning Professors Chris Coughlin (Wake Forest), Meredith Duncan (Houston), and Nancy Levit (UMKC). His article, *In Search of the Golden Mean in the Gun Debate*, appeared in the *Howard Law Journal* in the fall. Professor McClurg worked throughout the year on his co-authored casebook, *Guns and the Law: Cases, Problems, and Explanations*, which was published in fall 2016 by Carolina Academic Press.

Professor McClurg continues to be quoted in the national media (e.g., Politifact, New York Magazine, Atlanta Journal-Constitution), cited in numerous scholarly works (including top journals such as the *University of Chicago Law Review*, *Columbia Law Review*, and *Fordham Law Review*), and make presentations both locally and nationally.

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 of Excellence in Nursing* was created in 1988. The Loewenberg College of Nursing Search Committee will interview candidates October 3, 2016 and decide on the final person for the position shortly.

The former holder of the Chair of Excellence in Nursing, Dr. Sunghee Tak, had to leave the position for personal reasons to return to her native country.

University of Tennessee, Chattanooga, 2015-16

	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	Dr. Ronald B. Cox
5)	Chair of Excellence in Judaic Studies	1987	Dr. Irven Resnick
6)	Clarence E. Harris Chair of Excellence in Business and Entrepreneurship	1987	Dr. Richard C. Becherer retired June 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

University of Tennessee, Chattanooga

Unum Provident Chair of Excellence in Applied Mathematics

Status of the Chair of Excellence

Dr. Jin Wang (PhD., Ohio State University, 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

- THEC-CEACSE grant for computing fluid-structure interaction, \$45,000, 2015 – 2016.
- Two grants from NSF: (1) Interdisciplinary math training, \$500,000, 2015 – 2018; (2) Precision medicine for infectious diseases, \$37,000, 2015 – 2017.

Publications (2015-16)

- 8 journal publications with 7 journal papers currently under review

Presentations (2015-16)

- 5 invited presentations at other universities
- 4 invited presentations at national conferences

Graduate Students Mentored (2015-16)

- Chayu Yang and Dimitri Kakavelakis

Faculty Mentoring or Other Active Collaborations:

- Extensive interdisciplinary collaboration with UTC faculty from mathematics, statistics, biology, computer science, engineering, and the SimCenter.
- Extensive communication with colleagues in the math department, particularly junior faculty members, on research partnership and education/training program development.
- Grant reviewer/panelist for several national and international funding agencies.
- Active research collaborations with Duke, Johns Hopkins, UCSF, UTK, NC State, 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 8 department and university committees during 2015 – 2016
- Supported and co-organized (with others) an international math conference at UTC
- Directed a math summer camp for Chattanooga area high school students at UTC

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue working closely with colleagues within and outside the math department to develop 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 colloquium and curriculum development
- Continue promoting research collaboration between UTC and other institutions
- Develop the Computational Sciences PhD concentration in math (anticipated to start in Fall 2017)

University of Tennessee, Chattanooga SunTrust Bank Chair of Excellence in Humanities

Status of the Chair of Excellence

Effective August 1, 2015, Dr. Carl P.E. Springer assumed the *SunTrust Chair of Excellence in the Humanities*. He is a professor in the Department of Modern and Classical Languages and Literatures. 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.

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

Scholarly Publications (2015-16):

Reviews published in *Classical Journal-Online* and *Renaissance Quarterly*.

Scholarly Presentations:

- "Teaching Pain." Presentation with Jeff Skoblow for the 2nd Interdisciplinary Humanities Colloquium, University of Tennessee Chattanooga, 2016.
- "Calvin's Latin." Presented at the Society for Classical Studies, San Francisco, 2016.
- "To Forget Latin: Reflections on the Fading of a European Sign." Presented at the European Studies Conference, University of Nebraska at Omaha, 2015.

Faculty, Graduate Student and Other Mentoring:

- Taught courses in Latin poetry and prose and Classical Mythology.
- Supervised an undergraduate research project on Martin Luther's Latin poetry in the Fall and an Independent Study on the manuscripts of Sedulius in the Spring.
- Member of search committee for French and Spanish Assistant Professors.
- Member of department tenure and promotion committee.

Other Evidence of Impact on the Institution:

- Member of CS Lewis Annual Lecture Committee, Chattanooga, Tennessee.
- Co-organizer of "Lutheranism and the Classics IV," Concordia Theological Seminary (Fort Wayne, Indiana), September, 2016
- Vice-President and Member of Executive Board of the *Institutum Lutheranicum Classicumque*.
- Reviewer for *Classical Receptions Journal*.
- Redesigned and updated website for SunTrust Chair of Excellence in the Humanities: <https://www.utc.edu/suntrust-chair-excellence-humanities/>
- Helped support financially a visiting troupe of actors from England who put on a production of Shakespeare's "A Midsummer Night's Dream" at UTC in Spring, 2016.
- Led discussion on Plato for *Veritas*, a faculty book club, Spring 2016.

Recommendations/Goals to Enhance the Effectiveness of the Program

- Multiple scholarly projects, including articles, translations, and chapters or entries are forthcoming or in progress.
- Book project (Cicero and the Reformation) under contract with St. Andrews' Studies in Reformation History.
- Presentations at the 16th Century Studies Conference in Bruges, the Modern Language Association in Philadelphia,
- Coordinate UTC's Humanities programs beginning August 2016.

University of Tennessee, Chattanooga

Walter M. Cline Jr. Chair of Excellence in Physical Therapy

Status of the Chair of Excellence

The *Walter M. Cline Jr. Chair of Excellence in Physical Therapy* was established in 1989. Dr. David Levine, PT, PhD, DPT, Diplomate ABPTS (Orthopaedics), CCRP, Cert. DN, a 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.

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

Active Grants and Other Sources of Funding

- Active funding has been secured from multiple sources including Richmar, Inc. (electromedical research), LiteCure, LLC (laser research), Hollywog (electromedical), UTC Research Center for Applied Biomolecular, Behavioral, and Health Studies (biochemistry research), and UTC CRISP (microbiology).
- Private donations have also been obtained by working with the Office of Development
- Active research collaborations with Erlanger Hospital (UTC Clinical Infectious Disease Control team) have also yielded multiple grants and collaborative projects.

Publications (2015-16)

- Six publications in refereed journals, two book chapters

Presentations (2015-16)

- Ten scholarly presentations given at six meetings, regionally, nationally and internationally

Graduate Students Mentored: (2015-16)

- Currently mentoring nine Doctor of Physical Therapy students research projects, three Doctor of Occupational Therapy students, and three undergraduate students

Faculty Mentoring or Other Active Collaborations:

- Regularly assist UTC faculty in multiple departments in research and publications. Current research collaborations with Occupational Therapy, Biology, Chemistry, College of Medicine, College of Veterinary Medicine, and Computer Science
- Chair of American Physical Therapy Association Research Section Awards Committee
- Chair of the Scientific Committee for the 9th International Symposium on Rehabilitation and Physical Therapy in Veterinary Medicine, August 2016, Uppsala, Sweden
- Active research collaborations with UTK, NC State, and the University of Central Lancashire
- Manuscript reviewer for 11 journals (Editorial board member for two)

Other Evidence of Impact on the Institution:

- Taught 6 graduate courses in 2015-2016 with an average of 30 students /class
- Supervise students in the UTC Physical Therapy Clinic
- Co-Chairperson of TEDxChattanooga, February 2016 (City-wide event)
- Five UTC Committees including Honors College Advisory Board and Chair of the RTR

- Committee for two departments (Occupational Therapy and Physical Therapy)
- Yearly review conducted for the Disability Resource Center on campus wide accessibility

Recommendations/Goals to Enhance the Effectiveness of the Program

- Begin work on 2nd Edition of textbook “Physiotherapy in Small Animal Practice”
- Continue and expand multi-disciplinary research and collaborative efforts campus wide

University of Tennessee, 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*.

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

Publications (2015-2016): Four publications in refereed journals (including American Society for Engineering Management). A chapter in the Safety Engineering Handbook (American Society for Safety Engineers, 2015).

Presentations (2015-2016): Presents regionally and nationally on matters pertaining to technology, energy, economic matters, and national competitiveness. Recent highlights include:

- Republican National Committee, Board, "Central Ideas on Improving U.S. Economic Performance," Washington, D.C.
- The Mountain Pacific Group, Senior Executives and Board, "Integration of Strategic and Marketing Factors" Seattle, Washington
- Tekwell, Inc., Senior Executives and Board, Chattanooga, TN, "The Role of the Cranston Pearce Center"

Research Development: Proposals and research development currently associated with the redevelopment of the Cranston Pearce Center for Applied Engineering and Technology (proposals exceed \$1 million) and development of a National Center on Global Competitiveness.

Graduate Students (2015-2016): Served as major advisor to 20 graduate students (regarding capstone/thesis projects) in the Graduate Engineering Management Program.

Program Development:

- Received \$50,000.00 for development of the College of Engineering and Computer Science.
- Serve as Chair of the Rank and Tenure Committee for the Department of Electrical Engineering.
- Serve as Chair of the Rank and Tenure Committee for the Department of Engineering Management and Technology.
- Councils and mentors all non-tenured faculty in the department.
- Formed an Advisory Board for the Graduate Engineering Mgmt. program
- Work closely with the Mayor of Chattanooga and the Hamilton County Mayor on economic development matters.
- Serve as Trustee and Founding Board Member for the Tennessee Engineering Foundation.
- Serve as Board Member, Governor's Board on Science and Technology

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals (2016-2017)

- Improve the offerings and the quality of graduate courses in Engineering Management.
- Develop regional partnerships with public and private organizations. Some current companies with whom initiatives have begun include TVA, Astec Industries and Tekwell Inc.

Long range Goals

- Expand the activity of the Cranston Pearce Center through funded projects:
- Explore the creation of a National Center on Global Competitiveness; and
- Evaluate prospects for establishing international partnerships for graduate programs in engineering, engineering management and construction management

University of Tennessee, Chattanooga Chair of Excellence in Judaic Studies

Status of the Chair of Excellence

Effective August 1990, Dr. Irven M. Resnick became the 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 (2015-2016): 2

Honors (2015):

- Re-elected by the Board of Governors to a fifth three-year term as a senior associate, Oxford (University) Centre for Hebrew and Jewish Studies.

Other Evidence of Impact on the Institution:

- Continue to collaborate with I-CORE: The Center for the Study of Conversion and Inter-Religious Encounters at Ben-Gurion University, in collaboration with the Hebrew University, the Open University, Bar Ilan University and the University of Haifa (2012--)
- Founding President of the International Albertus Magnus Society; convened first business meeting at the 50th International Congress on Medieval Studies in Kalamazoo, Michigan (15 May, 2015) and chaired first sponsored conference session at the International Medieval Congress (Leeds, U.K.) on July 6, 2016.
- Liaison to Haifa University for UTC students interested in study in Israel

Recommendations/Goals to Enhance the Effectiveness of the Program

- Complete an edited volume accepted for publication by Brepols, stemming from a series of conference sessions I co-organized and chaired at *Concilium Lateranense IV: Commemorating the Octocentenary of the Fourth Lateran Council of 1215* (Rome, Italy; November 25-29 2015). The volume will be entitled, *Jews and Muslims under the Fourth Lateran Council*. Edited by Irven M. Resnick and Marie-Thérèse Champagne. Turnhout: Brepols.
- Complete a revised edition of *Albertus Magnus On Animals. A Medieval Summa Zoologica*, translated by Kenneth F. Kitchell Jr. and Irven M. Resnick. This work was first published in 1999 by the Johns Hopkins University Press, and is under contract in a new edition with Ohio State University Press (expected to appear in 2017-18).

Long term Goal

- Continue to develop a public lecture series in Judaic Studies at UTC, while also expanding its library Judaica holdings.

University of Tennessee, 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.

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

Active Grants and Other Sources of Funding: Assisted Dean Dooley and Caroline Von Kessler in developing a strategy to create sponsors for the Entrepreneurship Hall of Fame.

Publications (2015-2016): 1

Presentations (2015-16): 3

Faculty Mentoring or Other Active Collaborations

Co-authored refereed articles with 14 other UTC faculty members. Currently projects are underway with Professors Jones, Brockman, Wheatley, Asllani, and Roundy.

Other Evidence of Impact on the Institution:

- Hosted the induction dinner for the UTC College of Business Entrepreneurship Hall of Fame which Dr. Becherer founded in 1999. Thus far, 53 local entrepreneurs have been inducted. The induction dinner is attended by students, faculty, university leaders and 250+ members of the Chattanooga business community.
- Hosted the Entrepreneurial Forum for students each fall. Over 275 students interact with 7-10 entrepreneurs in a half day panel format.
- Served on the Chattanooga Chamber's Small Business and Entrepreneurship Committee.
- Served on the Chancellors Screening Committee for the Director of Community Partnership search.
- Served as a judge and contributed prize money for the CEO Club Pitch Competition.

Recommendations/Goals to Enhance the Effectiveness of the Program

Dr. Becherer retired June 30, 2016. UTC plans to initiate a search and fill the chair in 2017.

University of Tennessee, Chattanooga

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

Status of the Chair of Excellence

Dr. David B. Sachsman (PhD Communication, Stanford University) has served as the Chair Holder of the *George R. West, Jr. Chair of Excellence in Communication and Public Affairs* since 1991.

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 2015-2016 gave the UC Foundation its sixth annual donation of \$4,000 to support endowing a research fund to provide financial support for the West Chair's annual Symposium. Other donors also support the Symposium, including Dr. Sachsman and the other editors of the six books of readings that have grown out of the Symposium, who have signed over all the royalties resulting from these books to the university or UC Foundation to support the Symposium.

Publications (2015-2016):

- David B. Sachsman. "Yellow Journalism." Chapter in *Dictionary of American History, Supplement: America in the World, 1776 to the Present*, edited by Edward J. Blum. New York: Charles Scribner & Sons, 2016.

Presentations (2015-2016): Three presentations ("Journalism in America: From the Civil War to Climate Change," "Yellow Journalism: Yesterday and Today," and "The Rise and Fall of the American Newspaper Industry").

Other Evidence of Impact on the Institution:

- Organized the West Chair's 23rd annual Symposium on the 19th Century Press, the Civil War, and Free Expression, which included 40 speakers from across the nation delivering 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*
- Chair of the Department of Communication Rank, Tenure, and Retention Committee

Recommendations/Goals to Enhance the Effectiveness of the Program

- Plan the 24th annual Symposium on the 19th Century Press, the Civil War, and Free Expression, which will be held in November 2016.
- Work on a series of new books arising from the Symposium. The next one is *After the War: The Press in a Changing America, 1865-1900*. It is under contract with Transaction Publishers and is scheduled for publication in 2017.

- A peer-reviewed article on “The Civil War in Film” 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.
- A book review of *Lincoln and the Power of the Press: The War for Public Opinion* by Harold Holzer, which will be published in *The Historian*.

University of Tennessee, Chattanooga

J. Burton Frierson Chair of Excellence in Business Leadership

Status of the Chair of Excellence

The *J. Burton Frierson Chair of Excellence in Business Leadership* was established in 1987. Dr. Mark E. Mendenhall (Ph.D., Brigham Young University, 1983) has been the Chair Holder since 1989.

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

Active Grants and Other Sources of Funding:

Collaborated in designing, promoting, teaching and recruiting local business executives for the new Executive Education Program. This program will generate substantial revenue and significantly enhance the reputation of both the College of Business and UTC in the local business community.

Seminars on Leadership to Local Community Groups: 6

- Featured guest on episode of WTCI's television program, "First Things First."

Google Scholar citations for 2015-2016: 869

Publications (2015-16): 4

Presentations (2015-16): 4

Books in Process (2015-16): 3

Journal Editor (2015-16): *Advances in Global Leadership*.

Book Series Editor (2015-16): *Emerald Frontiers in Global Management Series*.

Editorial Board Member (2015-16): *European Journal of International Management, Journal of Global Mobility, Management International Review*.

Faculty Mentoring or Other Active Collaborations:

- Coached UTC Executive Education, MBA, and undergraduate students on a weekly basis to hold them accountable for progress made in their personal development plans for developing leadership skills.
- Involved in collaborative research teams and four active projects within UTC and with other U.S. universities, Reykjavik University (Iceland), Vienna University of Business and Economics (Austria), IE Business School (Spain), and University of Western Ontario (Canada).

Recommendations/Goals to Enhance the Effectiveness of the Program

- Work closely with the dean and assistant dean to implement phase two of the Executive Education Program, the Advanced Leadership II Program.
- Continue to focus on building the global reputation of the journal, *Advances in Global Leadership* through my efforts as co-editor of the journal.

University of Tennessee, 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, Mr. Kim Alan Wheatley (MA – Schiller College, Berlin, Germany) served from 1997 and retired in December 2013.

The UTC fine arts and performing arts programs are currently under review and reorganization; following final reorganization, a search will be initiated to fill the Lyndhurst Chair.

University of Tennessee, Chattanooga

O.D. McKee Chair of Excellence in Learning

Status of the Chair of Excellence

Since 2001, Dr. James Tucker has served as the 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 (2015-2016): 4

Presentations (2015-2016): 6

Graduate Students (2015-2016):

- Chairing five dissertations. One doctoral student graduated in May 2016 and four (4) doctoral students expected to graduate in 2016-17.
- Directed six graduate students' research projects that were presented at the UTC Research Day event.

Faculty Mentoring or Other Active Collaboration

- Provide mentoring for the Publish or Perish (the Thought) Support Center, which has been working with faculty and students in the school of education and across campus to encourage faculty-student research partnerships and co-authorships.
- Served on a number of faculty committees.
- Ongoing collaboration in research and conceptual development relative to learning applications is currently maintained between the Chair-holder and faculty from 11 institutions (examples: Howard University; Southern Cross University (Australia), The University of Missouri, and The University of Minnesota).

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals and Plans (2016-17):

- Continue ongoing activities that involve both UTC and the community at large.
- Further development and application of the McKee Chair Holder's primary research agenda, which relates to all aspects of the application of incremental rehearsal as a learning tool and an instructional strategy.
- Continue the McKee Learning Lunch series—at least four lunches per academic year
- Continue the recently-begun writing project on the *Principles of Learning*.
- Provide one or more public-school laboratory settings for school-psychology students to engage in effective instructional interventions.

Long term Goals:

- Expand the publication agenda to include campus-wide joint-publishing projects
- Expand the operation of the McKee Chair in both research and application domains.
- Explore the possibility of a workgroup on the subject of Tennessee's advocacy program for students with disabilities,

University of Tennessee, Knoxville, 2015-16

	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	Dr. James Wansley
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	Dr. William S. Neilson
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

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

Status of the Chair of Excellence

The *Bernard Blasingame Chair of Excellence in Agricultural Policy* has been vacant since Dr. Daryll Ray retired in May 2015. The campus expects to gain administrative approval to initiate a search and fill the vacancy as soon as possible.

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

Books (2015-16)

- *Alex Haley and the Books that Changed a Nation* Nov 2015, St. Martin's Press)
- *Tuckaleechee Cove: Faces of the Past*, with Boyce Driskell, Sept, 2015, University of Tennessee Press
- *A Scholarly Analysis of Andrew Zimmerman's Alabama in Africa, A Major Work of Transnational History: How Ideological Commitments Corrupt Understanding* (Edwin Mellen Press, December 2015)

Presentations (2015-2016):

- "Booker T. Washington One Hundred Years Later," Tuskegee University Nov 2015
- "Booker T. Washington and Vocational Education," Pioneer Institute, Boston
- "The Meaning of Booker Washington's Career," Varick Methodist Church, New Haven CT

Graduate Students Mentored: (2015-2016):

- Matthew Menarchek - land and banking in Jacksonian Tennessee (2017 graduation)
- Matthew Blaylock - community development in Asheville, NC (2016 graduation)
- Eric Gubelman - politics and slavery in the early-national Midwest
- 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 (2016-17)

- Chair the department's Workshop for Teachers
- 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 race and class in Alabama from the early 19th century to today, under contract with Oxford University Press. Dr. Norrell has published extensively on this subject, and the current work represents a synthesis of years of research.

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

Active Grants and Other Sources of Funding:

- Consultant: NSF REU (Research Experience for Undergraduates), Dr. Mike Best, Chemistry, PI: \$900,000 over 3 years (2013-2015)
- Recipient: CCI Dean's Summer Research Support for revision of article for *IEEE Transactions on Professional Communication* (\$1,500)

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

Publications and performances (2015-2016): 2

Presentations (2015-2016): 3

Graduate Students Mentored: (2015-2016): 1 master's student

Faculty Mentoring or Other Active Collaborations (partial list):

- Collaborate with Fred Espenak, NASA GSFC astrophysicist (retired), on a book on the great American total solar eclipse of 2017 (Oxford University Press, 2017)
- Collaborate with Espenak on children's book on solar eclipses (Tilbury House, 2017)
- Collaborate with former M.S. student Marlene Taylor on publishing an anthology of the best Hill Lectures

Other Evidence of Impact on the Institution:

- Author of planetarium program on 2017 solar eclipse for international distribution by Nashville planetarium
- Hill Lecture and Hill Master Class manager, 1991- present
- UT Science Forum program chairman, 1999 - present

Recommendations/Goals to Enhance the Effectiveness of the Program

- Pursue national productions of my plays *Little Lessons for Lina* and *Halley and Newton*.
- Publish anthology of the best Hill Lectures, edited by me and Marlene Taylor
- Continue progress toward publishing outcomes of current work including:
 - The Science Writing as Literature course
 - The Science Communication workshops for the Chemistry Department's NSF REU grant
 - Teaching Maya mathematics (base 20 in a different notation) to elementary school children

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*.

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

Graduate Students Mentored: (2015-2016):

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

Other Evidence of Impact on the Institution: (2015-2016):

- 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 ½ years in position.
- Serve as program Director for the Aerospace and Defense MBA Program.

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue to work on research papers with former doctoral student
- Director, Aerospace and Defense Executive MBA Program
- Develop and teach new undergraduate course in finance, "Financial Markets and Institutions"

University of Tennessee, Knoxville

Harry and Vivienne Bruce Chair of Excellence in Business

Status of the Chair of Excellence

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

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. This revenue contributes over \$400,000 to departmental research funding, PhD student assistantships, and the Global Supply Chain Institute operating budget. The remaining funds are used to host two annual industry-oriented educational conferences, attracting nearly 200 managers from partner firms and contributing significantly to student recruitment and collaborative research.
- Co-lead author of 2 white papers that attracted \$65,000 in research funding.

Publications (2015-2016): 5

Presentations (2015-2016): 7

Graduate Students Mentored: (2015-2016): 15 (serve as chair for one PhD student)

Faculty Mentoring or Other Active Collaborations:

- Co-lead faculty on multi-year project focused on functional integration across the supply chain. Other researchers include Chad Autry, Diane Mollenkopf, Neeraj Bharadwaj, Kelly Hewitt and Dan Pellathy (Ph.D. student).
- Faculty lead on thought leadership research project focused on changing the paradigm for research in Supply Chain Management to include middle range theorizing (co-authored with 2 other faculty and 2 PhD students).
- Faculty participant on top management team composition project focused on organizational performance impact of marketing-supply strategic integration. Researchers include faculty from marketing and supply chain at UTK and University of Oklahoma.
- Department head leadership counseling with Chad Autry.
- Provide strategic leadership for supply chain management faculty to enhance overall program performance in basic and applied research initiatives, 4 degree programs, and non-degree educational endeavors
- Formal faculty mentor for Dr. Diane Mollenkopf and Dr. John Bell

Other Evidence of Impact on the Institution:

- Executive Director for Global Supply Chain Institute Applied Research initiative designed to create and disseminate basic and applied supply chain knowledge to enhance the UT Supply Chain brand, provide opportunities for UT faculty across

business and other disciplines to work with leading edge business organizations, and to create financial support for future knowledge creation. Resulted in publication of 2 industry funded and widely distributed white papers as well as a book published by Pearson Financial Times.

- Chairman of Board of Directors of Council of Supply Chain Management Professionals
- Educational Advisor to Health and Personal Care Industry Logistics Conference
- Associate Editor of *Journal of Business Logistics*
- Editorial Review Board for *Journal of Operations Management* and *International Journal of Physical Distribution and Logistics Management*.
- Chaired Haslam College Dean's Faculty Advisory Council to create policy and process document for recruiting visiting faculty for the Haslam Distinguished Scholar Speaker series.

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals (2015-2016)

- Continue to provide leadership for basic and applied research that result in publications in elite academic and practice-oriented journals.
- Create, produce and distribute first Supply Chain Foundations online course for use in undergraduate degree program as well as non-degree online programming.
- Work with department head and other senior faculty to strategically allocate faculty resources across multiple activity areas critical to Supply Chain program value-creation
- Help our team continue to recruit talented and experienced PhD students
- Continue to build viable thought leadership relationships with leaders in leading edge organizations across the globe.

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 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 (2015-2016):

- Development of hand-cranked perpetually cooled vaccine delivery system for the developing world (funded by the PATH Foundation), 2016
- Support for International Association for Hydrogen Energy Activities (funded by Richard Lounsbery Foundation), 2014-2016
- Flow Battery Testing and Analysis (WattJoule), 2015-2016

Publications (2015-2016): 11 Journal Publications, multiple abstracts

Presentations (2015-16): Numerous presentations and invited talks.

Graduate Students Mentored: (2015-2016): 6 PhD and 1 MS

Faculty Mentoring or Other Active Collaborations:

- As Department Head, actively provide 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*. Dr. Wang brings a wealth of experience to UTK, including 10 years with General Electric (GE) Energy, Industrial Systems and Global Research, and faculty experience as an Associate Professor and Technical Director for the renowned Center for Power Electronics Systems at Virginia Tech University. He has published 88 journal publications and 279 conference papers, been involved in 11 awarded and pending patents, and has received numerous prestigious awards, including the highest technical proficiency award possible from GE and the Institute of Electrical and Electronics Engineers Industry Applications Society award for the best paper in 2015.

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 \$2,400,000
 - DoE Advanced Manufacturing Office \$2,900,000
 - DoE/General Electric, \$250,000
 - NASA/Boeing and additional Boeing projects, \$931,000
 - UT-Battelle projects \$604,000
 - Other sources \$184,000

Publications (2015-2016):

- 8 journal publications in IEEE journals related to power electronics.
- 18 conference papers at IEEE APEC, IEEE ECCE, and other conferences.
- Two book chapters

Presentations (2015-2016): Two research presentations, one IEEE tutorial, other seminars

Graduate Students Mentored: (2015-2016): 12

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 :

- Joint faculty status at Oak Ridge National Laboratory
- Serves as the Technical Director of CURENT
- Awarded 4 US patents (2015-2016)

Recommendations/Goals to Enhance the Effectiveness of the Program

- Maintain high productivity in grant funding, publications, and student mentoring
- Help advance UTK's Power and Power Electronics programs to top world rankings

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* established in 1987; Dr. Rudyard Alcocer (PhD, University of Iowa) has held the Chair since August 2013. A researcher and teacher in Latin American literatures and cultures broadly stated, and more specifically in literatures and cultures from the Caribbean region, Dr. Alcocer teaches several upper-level courses in the Spanish program and a graduate course that is also cross-listed with the French program. Most recently he developed, through the Spanish program, a study abroad program to Costa Rica that is currently in its second year.

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

Publications (2015-2016):

- Obtained a publication contract with the University of Tennessee Press for an edited volume, *Celluloid Chains*, examining recent films about slavery in the Americas (scheduled for publication in 2017). *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.
- Has two articles accepted for publication, both of which should appear in print within the next 2-3 months. One of these articles is co-authored by an MFLl graduate student. Writing continues on his monograph on empirical approaches to literary studies.

Presentations (2015-2016):

- Presented scholarly papers at conferences held in Durham, NC, Amsterdam, NL, and Newcastle, GB.

Teaching and Mentoring or Other Active Collaborations:

- Editing *Celluloid Chains*, a volume in preparation that features seventeen articles by top scholars across North American and Caribbean universities, including four faculty members and one graduate student from UTK.
- Faculty mentor for *Vernacular*, Modern and Foreign Language and Literature's (MFLl) online graduate student journal. *Vernacular* published its first issue in April and will be published henceforth on an annual basis.
- Taught two upper-level courses in the Spanish major; successfully delegated leadership of the UTK in Costa Rica study abroad program for year two to a colleague within MFLl.
- Served as mentor to the postdoctoral fellow in Latin American literature

Other Evidence of Impact on the Institution:

- Served as the Humanities leader for the Big Orange Family fundraising campaign.
- Founding (and continuing) director of the Humanities Center's faculty seminar on Latin America & the Caribbean, which will soon begin its third year. *Celluloid Chains* (first item above) is a product of this seminar.
- Developed a series of professionalization workshops for MFL graduate students

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 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 the University of Iowa. He has received numerous 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: Dr. Papanicolaou is currently involved in 20 active research grants, with over \$2.5 million in funding from agencies including: National Science Foundation; NASA; United States Geological Survey; USDA; Department of Transportation; Tennessee Department of Transportation, Tennessee Valley Authority (TVA), and Oak Ridge National Laboratory (ORNL)

Publications (2015-2016): 10 peer-reviewed publications and 5 Conference proceedings, including papers in *Water Resources Research*; *Journal of Geophysical Research - Biogeosciences*; *Journal of Hydraulic Engineering*; *Geoderma*; *Journal of Contemporary Water Research & Education*; and the *American Journal of Environmental Sciences*

Presentations (2015-2016): 24, including 6 invited presentations

Graduate Students and Post-Docs Mentored: (2015-2016): 12

Faculty Mentoring or Other Active Collaborations:

- Jon Hathaway, Assistant 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
- Student Mentor, UTK/ORNL Bredesen Center for Interdisciplinary Research and Graduate Education
- Lead Researcher, UTK Organized Research Unit (IFWE - Initiative for Food, Water, and Energy)
- UTK representative, UTK-Delft-Deltares partnership
- UTK research lead, DOE Deep Borehole Field Exploratory Research and Desalinization Hub
- Lead Instructor, Consortium of Universities for the Advancement of Hydrologic Science (CUAHSI) Workshop
- Member, National Task Hypoxia Committee in the Gulf of Mexico

- Director, NSF Intensively Managed Landscape Critical Zone Observatory
- Director, USGS-NIWR Tennessee Water Resources Research Center
- Director, Hydraulics & Sedimentation Laboratory
- Applied for a patent for the Radio Frequency Identification Systems
- Chief Editor, *Journal of Hydraulic Engineering*

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals

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

Long term Goals

- Make the Hydraulics and Sedimentation Lab a premier lab for conducting fundamental research in the areas of environmental fluid mechanics, sedimentation engineering, and watershed science in order to better serve state, regional, and national needs
- Provide support to industry needs in hydropower and dams

University of Tennessee, Knoxville John C. Hodges Chair of Excellence in English

Status of the Chair of Excellence

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 and the Oklahoma Center and the prestigious Guggenheim Memorial Foundation Fellowship.

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals and Plans (2016-2017)

- Complete script and music for *We Were There When Jazz Was Invented*, commissioned by the Public Theater, New York
- Publish album of original songs
- Conduct research for a *Mvskoke Almanac*, for the Muscogee Creek peoples.

Long term Goals

- Research and begin writing memoir (funded by Guggenheim award)
- Propose a Norton Anthology of Indigenous American Literature
- Develop the Mvskoke Arts Association with workshops and mentorships for Mvskoke communities
- Develop a course in world traditional oral and contemporary poetry

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 (2015-16):

- Professor Liaw and his team have produced 77 publications and 85 presentations, including a Nature Communications paper in 2015.
- A new book on "High-Entropy Alloys: Fundamentals and Applications" has been edited with colleagues.

Presentations (2015-2016):

- Invited or contributed presentations have spanned the US, China, Japan, and Germany, including 21 and 28 presentations at the 2015 and 2016 TMS annual meetings, respectively.

Graduate Students Mentored: (2015-16): 21

Research Associates and Visiting Scholars: 9

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 62 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, industrial proposals will be prepared and submitted with colleagues.

University of Tennessee, Knoxville

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: Average grants and contracts per year is 1.6 M; there were 19 active grants from the period during this period from agencies including ARPA-E, DOE, NSF, USDA, private companies and foundations.

Publications (2015-2016): 29 journal articles

Presentations (2015-2016): Over 30 presentations at scientific conferences, center retreats, universities and companies.

Graduate Students Mentored: (2015-2016):

- J. Burris PhD received in spring 2016
- R. Millwood Currently seeking his PhD
- J. Willis PhD received in summer 2016
- C. Johnson Master's expected in mid-2017
- C. Rempe PhD received in summer 2016
- S. Sultana Started Master's program 2016
- A. Collins Master's degree expected in fall 2016
- T. Stackhouse Started Master's program 2016
- J. Grant Master's degree expected in fall 2016

Faculty Mentoring or Other Active Collaborations:

- The Racheff Lab has active collaborations in 10 departments at UT among 3 colleges and also at ORNL and many institutions.
- Serves as faculty mentor for Assistant Professor Tarek Hewezi and Research Assistant Professor Wusheng Liu.
- Mentors 22 undergraduates in research as well as 11 postdocs, research scientists, non-tenure track research faculty, and visiting scientists and 8 technical staff.

Other Evidence of Impact on the Institution:

- Inventor on 17 pending or awarded patents
- Co-director of the Tennessee Plant Research Center
- Member of the National Research Council's Committee on Genetically Engineered Crops

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 (2015-2016):

- "The Effects of Group Composition in a Strategic Environment: Evidence from a Field Experiment," with John List and Michael Price, *European Economic Review*, forthcoming.
- "From Taste-Based to Statistical Discrimination," with Shanshan Ying, *Journal of Economic Behavior and Organization* 129, September 2016, 116-128.

Presentations (2015-2016):

- Conference presentation in Philadelphia
- Presentations to faculty and students in departmental research seminars, University of Colorado-Boulder and Virginia Tech

Graduate Students Mentored: (2015-2016):

- Jing Li -- Expected May 2017 graduate with focus on labor and behavioral economics
- Yancheng Xiao -- Expected May 2020 graduate with focus on economics of networks
- Na Zuo -- Expected May 2020 with focus on personnel economics

Other Evidence of Impact on the Institution:

- Editor-in-chief of the *Journal of Economic Behavior & Organization*
- Head of the Department of Economics
- Co-chair of the UT Knoxville Work Culture Improvement Team

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals and Plans (2016-2017):

- Complete and submit papers to academic journals
- Present papers at departmental seminars
- Apply for an NSF grant
- Complete editorial term at JEBO

Long term Goals:

- Increase national and international visibility of faculty in the Department of Economics
- Continue writing and publishing research papers
- Acquire a multi-year source of research funding

University of Tennessee, 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:

- Eppley Foundation Grant, "Hemlock Woolly Adelgid," June 2016-June 2017 (\$16,500)

Publications (2015-2016):

- 28 publications, including 18 articles, 8 book reviews and 2 popular articles.
- Co-edited book *Integrating Biological Control into Conservation Practice*, Wiley-Blackwell, 2016

Presentations (2015-2016): 13 at conferences and 15 at universities

Graduate Students Mentored: (2015-2016): 4

- Jessica Welch - invasion biology and bat conservation (anticipated graduation May 2017)
- Maria Daniela Rivarola - rodent ecology (May 2017)
- Jordan Bush - mathematical modeling; herpetofaunal ecology (May 2018)
- Joe Larson - invasion biology (May 2019)

Faculty Mentoring or Other Active Collaborations:

- Pursuing 6 manuscripts with colleagues and developing 7 other research projects
- Mentoring post-doctoral fellow (Christine Leppanen)

Other Evidence of Impact on the Institution:

- 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 Wallace Prize of the International Biogeography Society, 2015
- Awarded the Honorable John C. Pritzlaff Conservation Award by the Santa Barbara Botanic Garden, 2016

Recommendations to Enhance the Effectiveness of the Program

- Finish publications in preparation on various aspects of ecology and invasion biology
- Continue research on several projects related to invasion biology
- Continue work on a book on the history of 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 (2015-2016):

- N. Bryan, M. Srinivasan, and S. Viswanathan, "Managing Supply Systems with Partial Information on Shipment Locations." *International Journal of Production Research*
- Mandyam M. Srinivasan, "Lean in Maintenance, Repair and Overhaul: New Directions," *Routledge Companion on Lean Management*, expected publication date Dec 19, 2016

Select Presentations (2015-2016):

- "Lean MRO: An Executive's Perspective," a one-day workshop presented to the executives at Air New Zealand, Christchurch, Dec 16, 2015.
- "Managing Constraints in a Legal Environment," presentation to faculty and students at the UT Law School, Feb 2, 2016.
- "Managing Policy Constraints," presentation made to executives at the Aalto School of Executive Education, Helsinki, March 18, 2016.
- "A Viable Vision for Lockheed Martin Aeronautics Company," presentation made to the senior executives at Lockheed Martin, Marietta, GA, July 1, 2016
- "Lean MRO at the University of Tennessee," presentation at the Bell Helicopter facility, Piney Flats, TN July 28, 2016.
- "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 20, 2016.

Faculty Mentoring or Other Active Collaborations:

- Mentoring and directing PhD students in our newly formed PhD program in Analytics.
- Continuing to work with Professor S. Viswanathan, Associate Dean for Research, Nanyang Business School, Singapore, on models for measuring organizational profitability.
- Mentoring a junior faculty, Dr. Paolo Letizia, who joined the Business Analytics and Statistics Department in fall 2015, on his teaching and research program.

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.
- PhD director, Management Science Program with Concentration in Analytics

- Owner/Developer of Theory of Constraints Institute, Graduate and Executive Education (GEE)
- Lead faculty for two 5-day executive programs offered by GEE: Lean Maintenance Repair and Overhaul (MRO) and Lean Theory of Constraints (TOC)
- Core faculty member in four Executive MBA programs run by GEE

Recommendations to Enhance the Effectiveness of the Program

Short term Goals

- Publish the paper, "Applying Unconventional Wisdom to Managing High Risk, High Magnitude Crises," in *Business Horizons*. Co-authors: M.R. Bowers, Col. R. Hall.
- Publish paper, "Improving Performance in a Multi-Project Environment: A new Approach to Resource Loading," in *International Journal of Production Research*. Co-authors: J. Holt, R. Clark.
- Publish the paper, "Worthington Steel Applies Analytical Models to Streamline Steel Production," in *Interfaces*. Expected date of submission: June 2017.

Long term Goals

- Continue to focus initiatives on improving the external reputation of UTK Business programs.

University of Tennessee, Knoxville

UTK Willis Lincoln Chair in Physics

Status of the Chair of Excellence

Dr. Cristian Batista 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 UTK 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 (2015-2016):

- "Frustration and Chiral Orderings in Correlated Electron Systems", Cristian D Batista, Shi-Zeng Lin, Satoru Hayami and Yoshitomo Kamiya, Reports on Progress in *Physics* Special Issue on Strongly Correlated Electron Systems (2016).
- "Magnetic Vortex Induced by Nonmagnetic Impurity in Frustrated Magnets", Shi-Zeng Lin, Satoru Hayami, and Cristian D. Batista, *Physical Review Letters* (2016).
- "Bubble and skyrmion crystals in frustrated magnets with easy-axis anisotropy", Satoru Hayami, Shi-Zeng Lin, and Cristian D. Batista, *Physical Review Letters* (2016).
- "Static and Dynamical Properties of the Spin-1/2 Equilateral Triangular-Lattice Antiferromagnet Ba₃CoSb₂O₉", J. Ma, Y. Kamiya, Tao Hong, H. B. Cao, G. Ehlers, W. Tian, C. D. Batista, Z. L. Dun, H. D. Zhou, and M. Matsuda, *Physical Review Letters* (2016).

Presentations (2015-2016): Presented two lectures on "Frustration, chiral liquids and multiferroics" and "Advances in strongly correlated electronic systems (ASCES2016)" sponsored by the [William I. Fine Theoretical Physics Institute \(FTPI\)](#) at the [University of Minnesota](#).

Faculty Mentoring or Other Active Collaborations:

- Faculty mentor for Profs. Johnston and Zhou for external funding submissions
- Collaborations are ongoing with: Prof. Haidong Zhou, Prof. Elbio Dagotto, Prof. Hanno Weitering, Prof. Janice Musfeldt and Prof. David Mandrus.

Other Evidence of Impact on the Institution:

- Liaison between UT and the Spallation Neutron Source (SNS) at ORNL for generating collaborative projects. For instance, in combination with Prof. David Mandrus (UT) and Dr. Andrew Christianson (ORNL), we are exploring possibilities of observing field induced skyrmion crystals in frustrated rare earth magnets.

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals and Plans (2016-2017): I plan to organize a summer school on correlated electron systems at UT in combination with SNS (ORNL). I expect to have a total of approximately 100 students including the students from UT. The main goal of the school is to expose our students and faculties to the most recent developments in the area of correlated electron systems. For this purpose, I will try to attract world class lecturers working at the frontier of different areas of correlated electron systems.

Long term Goals: My long term goal is to build a strong theory group in the area of correlated electron systems that will interact strongly with the experimental efforts at UT 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. I believe this is the type of integration needed to successfully compete for external funding.

University of Tennessee Space Institute, 2015-16

Chair of Excellence	Date Established	Chair Holder
1) Edward J. & Carolyn P. Boling Chair of Space Propulsion	1987	Vacant since 2012
2) H. H. Arnold Chair of Computational Mechanics	1996	Dr. John Schmisser

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

Status of the Chair of Excellence

Established in 1987, the Edward J. and Carolyn P. Boling Chair of Space Propulsion is currently vacant. The Chair of Excellence became vacant as a result of Dr. Gary Flandro retiring from UTSI. Dr. Flandro served as Chair Holder from 1991 – 2012.

A national search for replacement of Dr. Flandro will begin in spring 2017. The Mechanical, Aerospace and Biomedical Department (UT Knoxville), under the direction of Dr. Matthew Mench, is the department responsible for conducting the national search. It is anticipated that the chair will be filled as soon as possible.

University of Tennessee 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).

He 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. Dr. Schmisser earned his B.S. (90) and M.S. (1992) in Aerospace Engineering from the University of Texas at Austin and his PhD (1997) in Aeronautics and Astronautics from Purdue University.

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:

In his second year at UTSI, Dr. Schmisser has developed \$2,700,000 in current external funding and accomplished \$750,000 in 2016 research expenditures. His sponsored projects include the following:

- \$1,100,000 grant from the Office of Naval Research (UTSI leads team of TAMU, PSU and UTK)
- \$1,000,000 from State of Tennessee to develop the Tennessee Aerothermodynamics Laboratory (TALon) facilities
- \$400,000 from the Air Force Research Laboratory (with Accurate Automation Corp. and Aerospace Vehicle Design Corp.) to explore design concepts for reusable Hypersonic Configurations
- \$157,000 from Defense Advanced Research Projects Agency (DARPA) to lead the Integration Working Group for the *Materials Development for Platforms* program

Publications (2015-16):

- Lash, E. L., C. S. Combs, J. D. Schmisser, P. A. Kreth, and E. A. Beckman, "Developing an Image-Based Analysis of the Dynamics of Transitional Shock Wave-Boundary Layer

Interactions," AIAA 2016- 4320, 32nd AIAA Aerodynamic Measurement Technology and Ground Testing Conference, Washington, D.C., June, 2016

- Combs, C.S., Lash, E.L., and Schmisser, J.D., "Investigation of a Cylinder-Induced Transitional Shock Wave-Boundary Layer Interaction using Laser Diagnostics," AIAA 2016-4321, 32nd AIAA Aerodynamic Measurement Technology and Ground Testing Conference, Washington, D.C., 13-17 June 2016
- Lindörfer, S, Anusonti-Inthra, P., Combs, C., Kreth, P. and Schmisser, J., "An Investigation of the Role of an Upstream Burst Diaphragm on Flow Quality within a Ludwig Tube using RANS", 46th AIAA Fluid Dynamics Conference, AIAA Aviation, (AIAA 2016-3801)
- Holst, K. and Schmisser, J., "Reynolds-Averaged Navier-Stokes Simulations of Swept Shock Wave Boundary Layer Interactions at Mach 2 and 5", 46th AIAA Fluid Dynamics Conference, AIAA Aviation, (AIAA 2016-3337)

Presentations (2015-16): Numerous presentations to national audiences, regional community stakeholders and institutional collaborative partners. Highlights include:

- Gen. E. Pawlikowski, Commander Air Force Materiel Command, by invitation of the Arnold Community Council
- Invited presentation at the American Institute of Aeronautics and Astronautics (AIAA) SCITECH Conference

Graduate Students Mentored: (2015-16):

- Kevin Holst PhD Candidate and AEDC Employee
- E. Lara Lash Takes PhD Qualifying Exam in August 2016
- Stuart Steen PhD student, recently took job at AEDC, continuing PhD studies
- Stefan Lindorfer Master's Student
- Robert Merrill PhD 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 two major national technical meetings at UTSI to raise the profile of the institute
 - AFOSR Aerothermodynamics Annual Program Review
 - AF/NASA/Sandia 7th Ablation Workshop
- Hosted multiple nationally recognized aerospace leaders for *The Arnold Seminar* including former Astronaut and AIAA Executive Director, Dr. Sandy Magnus.
- *Recipient of Department's Outstanding Senior Faculty Award for 2016*

Recommendations/Goals to Enhance the Effectiveness of the Program

Short term Goals and Plans (2016-2017):

- Complete development of *Tennessee Aerothermodynamics Laboratory (TALon)*. Upon completion, the TALon Mach 4 facility will be the largest Ludwieg Tube-based wind tunnel in academia.
- Additionally, Dr. Schmisser is working with NASA to explore the possibility of moving the NASA HYPULSE hypersonic shock tunnel to UTSI.

Long term Goals:

Develop collaborative partnerships with other hypersonics-oriented research institutions to support national RDT&E programs in hypersonics, especially with regard to workforce development.

University of Tennessee Martin, 2015-16

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: 2

- Tennessee Governor's School for the Agricultural Sciences, Tennessee Department of Education and Tennessee Department of Agriculture (\$156,000)
- Rural Business Enterprise Grant, United States Department of Agriculture Rural Development (\$18,713)

Publications (2015-2016): 5

Presentations (2015-2016): 14

Graduate Students Mentored: (2015-2016): 10

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.
- Provided agricultural policy training workshop for West Tennessee FFA Leadership Training Course to state high school students.
- Coordinator for the State FFA Farm Business Management Contest.
- Director of the Mid-South School for Advanced Agriculture Lending (with Dunagan Chair of Excellence).

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue to serve on the planning committee for the Mid-South Agricultural Finance Conference
- 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*, held by Dr. Thomas H. Payne since 1998, bridges academia and the banking profession through innovative and impactful teaching and practitioner-oriented service and intellectual contributions. On January 1 2015, Dr. Parker became the Dean of the College of Business at Tennessee Technological University.

A national search started in February 2015 to fill the position. The search was halted in August 2015 as the applicant pool was not desirable and the chair of the search committee left UT Martin for another position. The search resumed on September 25, 2015 with a new chair of the search committee.

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

Status of the Chair of Excellence

The *Tom E. Hendrix Chair of Excellence in Free Enterprise and Economics* was established in 1985. Dr. Tommy Cates was appointed as the Chair Holder on August 1, 2016. Dr. Cates previously served as UT Martin's Executive Director of Extended Campus and Online Studies and Professor of Management. He received his B.S. in Business Administration from UT Martin and his M.S. and D.B.A. from Memphis State University.

University of Tennessee Health Science Center, 2015-16

	Chair of Excellence	Date Established	Chair Holder
1)	Crippled Children's Hospital Foundation Chair of Excellence in Biomedical Engineering	1986	Vacant since 2011
2)	E. Erick Muirhead Chair of Excellence in Pathology	1986	Lawrence Pfeffer, PhD
3)	Federal Express Chair of Excellence in Pediatrics	1987	John Bissler, MD
4)	First Tennessee Chair of Excellence in Clinical Pharmacy and Pediatrics	1987	P. David Rogers, PharmD, PhD
5)	Goodman Chair of Excellence in Medicine	1989	Arnold Postlethwaite, MD
6)	Harriet S. Van Vleet Chair of Excellence in Biochemistry	1985	Vacant since 2013
7)	Harriet S. Van Vleet Chair of Excellence in Pharmacology	1985	Burt M. Sharp, M.D.
8)	Harriet S. Van Vleet Chair of Excellence in Virology	1985	Vacant since 2016
9)	Harriet S. Van Vleet Chair of Excellence in Microbiology and Immunology	1985	Terrance Cooper, PhD
10)	J. R. Hyde Chair of Excellence in Rehabilitation Engineering	1987	William M. Mihalko, MD, PhD
11)	LeBonheur Chair of Excellence in Pediatrics (1 st chair)	1986	James W. Wheless, MD
12)	LeBonheur Chair of Excellence in Pediatrics (2 nd chair)	1989	Vacant since 2015
13)	Mark S. Soloway Chair of Excellence in Urology	1992	Robert W. Wake, MD
14)	Maury W. Bronstein Chair of Excellence in Cardiovascular Physiology	1988	Jonathan H. Jaggar, MD
15)	Plough Foundation Chair of Excellence in Pediatrics	1986	Stephanie Cormier, PhD
16)	Semmes-Murphey Chair of Excellence in Neurology	1987	Andrei Alexandrov, MD
17)	University of Tennessee Regional One Physicians Chair of Excellence in Obstetrics and Gynecology	1986	Giancarlo Mari, MD
18)	Thomas A. Gerwin Chair of Excellence in Physiology	1987	Vacant since 2016
19)	William and Dorothy Dunavant Chair of Excellence in Pediatrics	1987	Jonathan McCullers, MD

**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. He was appointed Chair holder on October 1, 1989 and relinquished the Chair on June 30, 2011. This is a particularly challenging position to recruit because the Department of Orthopedics and Biomedical Engineering's current research portfolio is limited. Furthermore, supplemental funding to support necessary laboratory start up needs is not available. The current plan for the CCHF Chair is to (1) continue accruing funds to support an appropriate recruit into this department (anticipated to take at least two more years), and (2) consider recruiting an individual who would have a joint appointment with an affiliated department with a more robust level of research activity.

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 miRNAs, and 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:

- 1R01CA133322 (Pfeffer, PI) "Strategies to improve the antiglioma action of IFN- β : a role for NF- κ B inhibition"
- West Clinic Research Grant (Pfeffer, PI) "ANGPTL4 as biomarker and therapeutic target in glioma"

Publications (2015-2016): 14

Presentations (2015-2016): Center for Cancer Research at UTHSC (2015)

Graduate Students Mentored (2015-2016):

- Mentoring Debolina Ganguly; her thesis research focuses on the role of STAT3 phosphorylation events in the stemness of glioblastoma cancer stem cell.
- Serve on thesis committees of ~10 other graduate students.

Faculty Mentoring or other collaborative activities:

- Mentoring junior faculty in the Cancer Research Building by critiquing their grant applications, providing guidance on research projects, reviewing manuscripts, etc.
- Research collaborations with Kui Li, Tiffany Seagroves, Zhaohui Wu, Nick Larabee, Ramesh Narayanan, Gustavo Miranda-Carboni, Rick Boop, Todd Tillmans, Junming Yue and Andrew Davidoff.

Other Evidence of Impact on the Institution:

- Scientific Director of the Center for Cancer Research
- Served as Interim Vice Chancellor for Research at UTHSC
- Served on search committees for Chairs of the Departments of Surgery and Pathology

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals (2016-2017)

- Continue to publish in high profile journals
- Obtain peer-reviewed grant for additional research funding
- Develop translational cancer research projects

Long term Goals

- Develop 2-3 centers of excellence in select areas of cancer research at UTHSC
- Develop collaborative projects within the Cancer Research Building to be poised for program project funding

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 (TCS).

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: (2)

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

Publications (2015-2016): 11

Presentations (2015-2016): 43

Graduate Students Mentored (2015-2016): 1

Faculty Mentoring or other collaborative activities:

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

Other Evidence of Impact on the Institution:

- Provides patient care locally and internationally

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals (2016-2017)

- Submit at least three grant applications
- Recruit another TSC Researcher to the Center of Excellence
- Initiate TSC Telemedicine healthcare delivery to Ohio and Kentucky

Long term Goals

- Develop global TSC Telemedicine delivery
- Develop a P50 or U01 grant to increase TSC Research
- Develop a combined internal medicine/pediatrics nephrology fellowship
- Develop a year fellowship in pediatric onconephrology in combination with St. Jude.
- Become the world leader in TSC clinical care by Telemedicine.
- Develop innovative immunomodulation for renal transplantation.

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* (March 2012 – Feb 2017)

NIH/NIAID – Principal Investigator – 40% funded effort. (\$375,000 total annual award for 5 years)

Publications (2015-2016): 4

Presentations (2015-2016): 13

Highlights include:

- Abstracts presented at the American Society of Microbiology (ASM) Conference on Candida and Candidiasis, ASM Microbe, the Keystone Symposium on Phenotypic Drug Screening, and the Annual Meeting of the American College of Clinical Pharmacy.
- Invited presentation at the 2016 British Yeast Group meeting in Swansea, Wales, UK,
- Swintosky Distinguished Lecturer at the University of Kentucky College of Pharmacy Rho Chi Research Day.

Graduate Students Mentored: 6: Beth Berkow, M.S., Ph.D. candidate (IBS), Sarah Whaley, Pharm.D., Ph.D. candidate (Pharmaceutical Sciences), Andy Nishimoto, Pharm.D., Ph.D. Candidate (Pharmaceutical Sciences), Kayihura Manigaba, B.S. (Pharmaceutical Sciences), Jeff Rybak, Pharm.D, Ph.D. candidate (IBS), Brandon Hazlett, B.S. (Pharmaceutical Sciences)

Faculty Mentoring or Other Active Collaborations: 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:

- Serves on the NIH Drug Discovery and Mechanisms of Antimicrobial Resistance Study Section.
- Received the SGAEC Excellence in Teaching Award for the second time from the UTHSC College of Graduate Health Sciences.

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals (2016-2017):

- 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 glabrata* 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 and the 2017 ASM Microbe meeting.
- Continue to host the First Tennessee Endowed Chair Symposium in the coming year in conjunction with the South Central Medical Myology Meeting, which will be hosted in Memphis for this first time in the fall of 2016.

Long term Goals:

- Our long-term research goal is to improve antifungal therapy by understanding and overcoming antifungal drug resistance in pathogenic fungi. We will continue our work towards understanding the molecular basis of triazole resistance in *Candida albicans*, and move into work exploring the Upc2 transcriptional pathway and its potential utility for overcoming triazole resistance in the fungal pathogen *Candida glabrata*. We will also transition our work in triazole resistance to the important fungal pathogen *Aspergillus fumigatus*.
- Continue to train high-quality microbiologists and pharmacist-scientists, building a program in fungal biology and antifungal drug discovery within the division of clinical and experimental therapeutics and recruiting other NIH-funded investigators.

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 Veterans Administration (VA) Clinical Merit Review Grant Co-Investigator VA Merit Review Grant (PI: Weikuan Gu) Principal Investigator on Project #3 of VA Program Project Grant (2013-2016)
- Co-PI on NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases Grant
- Co-Investigator, Scleroderma Foundation Grant (PI: Dr. Monica Brown)

Publications (2015-2016): 5

Presentations (2015-2016): 2

- 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 will be posted on the National Scleroderma website. A talk on “Are Endogenous or Marijuana-derived Cannabinoids Potential Therapeutics for Scleroderma” (2014 Conference, Anaheim, CA) is still posted on the National Scleroderma website and has had 4,508 views (https://www.youtube.com/watch?v=a_Uk1p49aCM).
- Invited Speaker at the 2015 Annual Scleroderma Foundation Patient Education Conference to give two talks on the “Microbiome” and “Statins” in Nashville, TN, July 2015. I was invited to give a talk at the 2015 Annual Patient Education Seminar of the Tristate Scleroderma Foundation in April 2015 at the Hospital for Special Surgery/Weill Medical College of Cornell University, NY, NY on the “Brain and Brain Function in Scleroderma”.

Graduate Students Mentored: None

Faculty Mentoring or Other Active Collaborations:

- Mentoring Dr. Monica Brown (Pediatric Rheumatology Assistant Professor), a new Physician Scientists Investigator. I supervised her research and helped her in submitting a Scleroderma Foundation grant, “17,20(OH)₂D₃ Mediates Antifibrotic Effects in Murine Models of Sclerosis”, which is funded 2014-2017.

- Collaboration with Drs. Andrzej Slominski (UAB), Weikuan Gu, Linda Myers, Wei Li, and Duane Miller on Vitamin D analogs. This led to one patent application and submission of R01 grant to NIH/NIAMS/NIAID and Clinical VA Merit Grant in 2016.
- Dr. Postlethwaite and Drs. Slominski, Miller, Gu, Myers, Brand, and Li were successful in competition to be invited by NIAID to present our plans for a P01 Program Project Grant and were invited to submit a full P01 application, "Immune Modulation by CYP11A1-generated Noncalcemic VitD Derivatives". We are working on a revised version to submit in 2016-2017.
- 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". We are also collaborating on submitting an R01 on "Vitamin D and Gelsolin Effects on Cognitive Impairment".
- Collaborating with Dr. Weikuan Gu on his grant entitled "Genetics of the Tsk-2 Mutation in Scleroderma Mice".
- 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 (APL) to treat patients with Rheumatoid Arthritis (RA).
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 is to be reviewed in October 2016.
- Collaborating with Dr. Guy Reed using his α -2 antiplasmin null mice to assess the effect of deleting α -2 antiplasmin on dermal and lung fibrosis induced with bleomycin.
- Collaborating as Medical Officer with Drs. Guy Reed and Andrew Kang on an NIH funded contract Phase I Clinical Trial of a monoclonal antibody against α -2-antiplasmin, a novel thrombolytic biologic to treat venous and arterial thrombotic diseases.

Other Evidence of Impact:

- Served on 2-3 NIH grant review panels per year for the past 19 years (5 in 2015-2016).
- Member of the Scleroderma Foundation's Medical Advisory Committee.
- Reviewed six manuscripts for *PLoS One* and one for *Arthritis and Rheumatology* journals.
- Inventor on seven granted patents, two most recent of which were granted while I held the Goodman Chair are "APLs for treating arthritis" and "Methods for treating fibrosing diseases by induction of immune tolerance". Seven additional new patent applications have been filed and are under review by the US Patent Office.

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals (2016-2017)

- Submit an R01 grant as Co-PI with Dr. Andrzej Slominski on “Antifibrotic Effects of 20(OH)D₃”.
- Submit to NIAID a revised P01 grant, “Immune Modulation by CYP11A1-generated D Derivatives”, as Program Director.
- If NIAMS decides not to fund the R01 grant, “Immunomodulation by 20(OH)D₃: Studies in Mice and Rheumatoid Arthritis”, I plan to submit a revised application of this R01 grant to NIH/NIAMS/NIAID.
- Begin 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 we receive permission from the WHI to do so.
- If the pending 1R21AR071713-01 grant is funded, I will begin research set forth in this proposal. If it is not funded, I will submit a revised application.
- 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)D₃.
- 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.

Long term Goals:

- Submit an R01 grant on “Effects of Chronic Sleep Disruption in Mice on Autoimmune Arthritis”.
- Explore through NIH or VA grants on “How Gelsolin Affects Arthritis and Fibrosis, and How Gelsolin is Modulated by Vitamin D”.
- Use funds from the Goodman Chair to perform pilot studies into whether chronic sleep restriction affects development of fibrosis in mouse models of scleroderma (and, if found to be so) to submit grants to NIH, VA, or Scleroderma Foundation on this topic using the pilot studies data.
- Work with arGentis Pharmaceuticals on finding another pharmaceutical company to partner with us on conducting a Phase IIb/Phase III clinical trial of “Oral Type I Treatment of Patients with Late Phase Scleroderma”.
- Use funds from the Goodman Chair to perform pilot studies assessing various manmade derivatives of vitamin D as therapeutics in preclinical mouse models of RA and scleroderma.

**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*.

Plans to fill this position: The department of Microbiology, Immunology & Biochemistry is exploring two options to fill this position. One is to offer this (if appropriate) to the individual we hire as Director of the Regional Biocontainment Laboratory. They are actively recruiting for this position but have not invited candidates for interviews yet. The other option is to offer it to a current Microbiology, Immunology and Biochemistry faculty member who meets the criteria for receiving the Chair.

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 has developed a novel model for stress-enhanced relapse to nicotine intake during abstinence. 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 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 in 2016. In the past year, the Harriet Van Vleet Chair has supported Dr. Sharp's preparation (in collaboration with Professor Robert Williams) of a large scale contract to NIH for the neurogenetic analysis of a unique rat hybrid diversity panel that will enable identification of genes causing nicotine dependence and addiction. This grant addresses a major unmet medical need in the arena of personalized medicine—namely, the identification of genes that predispose individuals to addiction.

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

Completed Grants:

- NIH Support for transcriptosomal identification and modulation of genes that determine susceptibility and resistance to nicotine intake (i.e., smoking) across isogenic rat strains

Publications (2015-2016):

- Total lifetime citations (Google): 7,200 (3 pubs, each cited >200 times and 14 more pubs cited >100 times). Since 2011: 1,524

Active Collaborations:

- UTHSC Collaborators include: Hao Chen, Ph.D., Assistant Professor; William Taylor, Ph.D., Professor; Robert W Williams, Ph.D., Professor and Chair of Genetic, Genomics and Informatics; Francesca Liao, Ph.D., Professor of Pharmacology
- Dr. Sharp and Dr. Liao have recently established a collaboration with the Jackson Laboratory of Bar Harbor, Maine to develop and test the viral delivery and efficacy of a novel CRISPR/Cas9 molecular construct targeting a rat gene

Other Evidence of Institutional Impact:

- As past Associate Editor of the highly cited pharmacology journal, *Pharmacological Reviews* (Impact Factor 22), I have 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. Work from the grant has resulted in 4 publications; two of these papers in PLoS One have each been viewed 500-2000 times. The GO grant has also generated the primary data for a large scale competitive U01 application to NIH (submitted 2016). If funded, this grant would support the research efforts of UTHSC faculty in 3 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

Long term Goals:

- 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.
- Revise and resubmit R-1 grant: Basal amygdala, gender 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.
- 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
- 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

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* is currently vacant after the December 2015 retirement of Dr. Martha M. Howe. Dr. Howe served as the Chair Holder for 29 years and provided dedicated research, education and service to UTHSC and the Department of Microbiology, Immunology and Biochemistry. In 2007, she was honored with the Alice C. Evans Award for her contributions to the advancement and full participation of women in microbiology. Established by the American Society for Microbiology (ASM) Committee on the Status of Women in Microbiology and supported by Roche Diagnostics Corporation, the award is presented in memory of Alice C. Evans, the first woman to be elected president of ASM. In 2000, Dr. Howe served as president of ASM, the world's largest single biological sciences organization with 42,000 members nationally.

Dr. Howe has been a role model and mentor for many women in science through her roles as a professor, lecturer, graduate student trainer, seminar speaker, pre-submission grant reviewer, and her leadership in ASM. She has advocated for women in science as a panel member for National Science Foundation Visiting Professorships for Women, as a longtime member of the American Women in Science, and Graduate Women in Science organizations, and as a member of the American Association of University Women. She has ensured that women scientists are represented and recognized for contributions in scientific organizations, institutions and universities, and has spoken to women's groups at multiple colleges and universities.

Over her professional career, Dr. Howe has trained 6 postdoctoral fellows, 19 PhD students, 5 Master's students, and 9 undergraduate students.

After receiving her bachelor's degree in biology from Bryn Mawr College, she earned her PhD in biology and microbiology from Massachusetts Institute of Technology. She went on to complete postdoctoral work at Centro Degil Acidi Nucleici in Rome, Italy and the Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.

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:

NIH GM-35642-26 --Successfully renewed and awarded 8-10-12 (Project Period: 02/01/1985 – 05/31/2016). Presently under competitive review.

Publications (2015-2016): 6 papers, 7 Abstracts

Presentations (2015-2016): 9 Highlights include:

- Presentations and posters **at** International Conference on Yeast Genetics and Molecular Biology
- International colloquia hosted by the University of British Columbia, Canada
- Poster presentation at the American Society of Biochemistry and Molecular Biology

Graduate Students Mentored: (1972-2016, career): Dr. Cooper has graduated 16 Ph.D. and 10 M.S. students since arriving at UTHSC in 1985 and 37 total during his career.

Faculty Mentoring:

- Faculty mentor to 3 senior faculty members in Department of Microbiology, Immunology and Biochemistry.
- Serve as UTHSC Faculty Senate President.

Other Active Collaborations:

- Michael Whitt, David Nelson and David Kakhniashvili at UTHSC;
- Hongbo Chi at St. Jude Children's Hospital;
- Evelyne Dubois, Isabelle Georis, Andre Feller at CERIA, Brussels Belgium;
- Zdena Palkova, Charles University, Prague Czech Republic;
- Charles Boone & Brenda Andrews, University of Toronto, Toronto Canada.

Other Evidence of Impact on the Institution:

- Continuously funded by NIH for 45 yrs.
- Serve on NIH Mucosal Immunology Studies Team (MIST)
- Invited Delegate 2014 TEDMED Conference
- International Conference on Yeast Genetics and Molecular Biology Leadership:
 - Secretary General (2009-2017)
 - Finance and Policy Committee, Member (Permanent)
 - 2015 and 2017 Conference Steering Committee
 - Invited Symposium Speaker, Session organizer and Symposia chair.
- Association of American Medical Colleges (AAMC)
 - Council of Academic Societies, Member;

- AAMC Distinguished Service Member (Permanent);
- American Society of Microbiologists Representative to AAMC
- Journal of Biological Chemistry, Editorial Board; FEMS Yeast Research, Associate Editor; FEMS Yeast Research, Retrospective Editor; YEAST; Editorial Board;
- Memphis Medical Seminar; Session organizer and chair, Secretary-Treasurer 1988-present
- Member of 12 UTHSC-wide Committees
- Served as consultant to Dupont Corporation

Recommendations/Goals to Enhance the Effectiveness of the Program

- Continue research and writing; teaching in undergraduate and graduate courses
- Revise Faculty Handbook with 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 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:

- **Co-PI:** Department of Defense The Effect of a Microprocessor Prosthetic Foot on Function and Quality of Life in Trans-Tibial Amputees Who Are Limited Community Ambulators. \$1,492,000
- **Site PI UTHSC:** National Institute of Health/Food and Drug Administration U01 \$500,000. (This FDA/NIH U01 proposal addresses the FDA goal of implementing a National Medical Post-market Surveillance System through sustainable multi-stakeholder partnerships. This proposal will establish a scalable and secure, web-based platform infrastructure for data access directly by the FDA. This grant has been approved by the NIH for funding but FDA funds are pending.

Publications (2015-2016): 19

Book Chapters in Print (2016): 1

Presentations (2015-2016): 14

Graduate Students (2015-2016):

- Pablo Dopico and Michael Braman (advisor) and Jason Lindsey (thesis committee) graduated with Master's degrees
- **Active Graduate Students include** Julie Lowell (advisor), Andrew Herndon (advisor), Chloe Chung (thesis committee), Michael Parker (thesis committee), Cody Bateman (thesis committee), Daniel Hillyard (thesis committee)
- **Summer Medical Student:** Baylor Brickman (M1) was awarded an NIH summer research award to investigate the torque changes after anatomical biceps tendon reconstruction.

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.
- Ongoing collaborative project with Richard Smith PhD looking into the monocyte and fibroblast responses to implant wear debris.
- Mentoring Brooke Sanford, 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.

Other Evidence of Impact on the Institution:

- Awards Received (2015-2016):
 - Manny Horowitz Award from ASTM International, May 2016
 - Award of Merit from the American Academy of Orthopedic Surgeons
- Currently serve as the program chair for the Joint Graduate Program in Biomedical Engineering.
- Currently serve on the College of Medicine Promotion and Tenure Committee.
- Ranked in the top 50 worldwide experts in knee arthroplasty by Expertscape.com for both 2014 and 2015.

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals (2016-2017)

- Obtain further federal funding as a co-investigator or PI

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 (1st 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*.

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 (Phase III) Clinical Trial
- Acorda Therapeutics, Inc. (Phase II) Clinical Trial
- INSYS Therapeutics, Inc. (Phase I/II) and (Phase III) Clinical Trials

Publications (2015-2016): 21

Chapters (2015-2016): 3

Books (2015-2016): 1

Presentations (2015-2016): 33

Graduate Students Mentored: Residents in Pediatric Neurology (3)

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals for 2016-2017

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

Long term Goals

- Direct and lead the Pediatric Neurology Division
- Continue to grow faculty and develop sub-specialty programs

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

Status of the Chair of Excellence

The *Le Bonheur Chair of Excellence in Pediatrics* (second chair) is currently vacant. This chair was formerly held by Dr. Russell Cheney and was relinquished upon his unexpected death on April 2, 2015. Ongoing recruitment will likely fill this chair within the next 6 months.

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 (2015-2016): 2

- Co-PI. UTHSC **Institute for Research, Innovation, Synergy, and Health Equity (IRISE)** "Effect of Novel Paxillin Modulators for the Treatment of Prostate Cancer." \$100,000.
- Co-PI. National Cancer Institute R01. "Effect of Novel Paxillin Modulators for the Treatment of Prostate Cancer. " \$1,250,000.

Publications (2014-2015): 5

- Hassouna T, Gleason JM, Lorenzo AJ. Botulinum toxin A's expanding role in the management of pediatric lower urinary track dysfunction. *Curr Urol Rep*. 2014 Aug; 15(8):426.
- Gleason JM1, Lorenzo AJ1, Bowlin PR1, Koyle MA2. Innovations in the management of Wilms' tumor. *Ther Adv Urol*. 2014 Aug; 6(4):165-76.
- Tojuola BD, Gu X, Littlejohn NR, Sharpe JP, Williams MA and Giel DW. Does the mechanism of injury in pediatric blunt trauma patients correlate with the severity of genitourinary organ injury? *Canadian Journal of Urology*. 2014 DEC; 21(6):7570-3.
- Cambareri GM, Kovacevic L, Bayne AP, Giel D, Corbett S, Schurtz E, Sukhu T, Chiang G. National multi-institutional cooperative on urolithiasis in children: Age is a significant predictor of urine abnormalities. *J Pediatr Urol*. Epub 2015 Jun 1.
- Gleason JM, Bowlin PR, Bagli DJ, Lorenzo AJ, Hassouna T, Koyle MA, Farhat WA. A comprehensive review of pediatric urachal anomalies and predictive analysis for adult urachal adenocarcinoma. *J Urol*. 2015 Feb; 193(2):632-6.

Abstracts (2015-2016): 14

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals for 2016-2017

- Continue to increase scholarly activity by hiring faculty to generate research within the department.

University of Tennessee Health Science Center

Maury W. Bronstein Chair of Excellence in Cardiovascular Physiology

Status of the Chair of Excellence

Established in 1988, Dr. Jonathan Jaggar is the current 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 - 6 grants
- American Heart Association - 2 Scientist Development and 1 Fellowship grant
- Arbor Pharmaceuticals Educational Grant
- UTHSC Institute for Research, Innovation, Synergy, and Health Equity (IRISE) award

Publications (2015-2016): 7

Presentations (2015-2016): 6

Graduate Students Mentored (2014-2015): Michael Kidd (B.S.), 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; Salvatore Mancarella, Assistant Professor of Physiology;
- Collaboration with Andre Liu, Associate Professor, University of Memphis;
- Collaboration with Mitch Weiss, St. Jude Children's Research Hospital.
- Collaborations with other institutions including: University of Missouri, Tufts University, University of Nevada, Reno, Ceará State University, Fortaleza, Brazil.

Other Evidence of Impact on the Institution (selected):

- Reviewer for multiple scholarly journals including *Journal of Physiology*, *American Journal of Physiology*, *Cell Physiology*, *American Journal of Physiology*, *Heart and Circulatory Physiology*, *American Journal of Physiology*, *GI Physiology*, *British Journal of Pharmacology*.
- American Physiological Society Fellowship Committee member.
- Organizer for FASEB Summer Research Conference on Smooth Muscle in Lisbon, Portugal, July 2016.
- Service and leadership at UTHSC:
 - Promotion and Tenure Committee, College of Medicine.
 - Director and Committee Chair, E. Eric Muirhead Hypertension Research Day.
 - Other committee service including Research Goal Committee, Postdoctoral Advisory Committee. Member, Graduate Student Committee, Department of Physiology, Laboratory Animal Care and Use Committee Advisory Board.

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals for 2016-2017

- Re-submit R01 grant that received a 22% in June 2016. Submit new R01 grant September 2016.
- Obtain new R01s with Alex Dopico, Charles Leffler, 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.

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, *Plough Foundation Chair of Excellence in Pediatrics* has been held by Dr. Stephania Cormier since January 2016. Dr. Cormier provides key leadership in the UTHSC Pediatric Asthma Research Center and the Changing High Risk Asthma in Memphis through Partnership (CHAMP) program, a joint program of the UTHSC Departments of Pulmonology and Allergy-Immunology and Le Bonheur Community Health. Dr. Cormier was also recently appointed Associate Vice Chancellor for Research, Global Partnerships.

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

Active Grants and Other Sources of Funding:

- Co-PI for NIH National Institute for Allergy and Infectious Disease R01 Award “*A protective role for $\gamma\delta$ T cells in respiratory infection*”
- Principal Investigator for:
 - NIH/ National Institute of Environmental Health Sciences Award “*Combustion Generated Particulate Pollution Affects Infant Respiratory Health*”
 - NIH/ National Institute of Environmental Health Sciences Award “*LSU Superfund Research Center-Environmentally Persistent Free Radicals*”
 - NIH/National Institute for Allergy and Infectious Disease R01 Award “*Regulation and Function of IL33 During Neonatal RSV Infection*”

Publications (2015-2016): 22

Presentations (2015-2016): 9 presentations (8 were invited)

Graduate Students Mentored: 1 (Graduate Research Assistant Bishwas Sherestha)

Faculty Mentoring or other collaborative activities:

- Mentors regularly by critiquing grant applications, providing guidance on research projects, reviewing manuscripts, etc.
- Research collaborations with 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.

Other Evidence of Impact on the Institution:

- The CHAMP program – Changing High Risk Asthma in Memphis through Partnership — received the 2015 National Environmental Leadership Award in Asthma Management from the Environmental Protection Agency (EPA). CHAMP is a program jointly developed by the Departments of Pulmonology, Allergy-Immunology and Le Bonheur Community Health.
- Appointed Associate Vice Chancellor for Research, Global Partnerships
- 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 2016-2017

- Increase patient enrollment
- Clinic expansion allowing quick follow-up visits for families
- Recruitment of a new chief of Pulmonology with asthma focus
- Recruitment of one physician-scientist and PhD scientist
- Obtain cost analysis report identifying reduction of health care costs between CHAMP patients and statewide control group from the Milliman actuarial company

Long term Goals

- Acquire NIH funding for continual growth and development of the CHAMP Asthma Program to establish an Asthma Research Center in Memphis
- Enhance collaboration efforts with Pulmonology, Allergy-Immunology and Le Bonheur Community Health Partners
- Dr. Christie to maintain active involvement in State of TN efforts to simulate state-wide program modeled on CHAMP
- Focus on activities that continues reductions in emergency department visits, hospitalization rates (in-patient or observation) and school absences

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.

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.

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

As Department Chair, Dr. Alexandrov has clarified the goals of the Department of Neurology and reports the following accomplishments for 2015-2016:

- Launched the UTHSC Mobile Stroke Unit, the first in the world equipped with state-of-the-art Computed Tomography and /CTA
- Supported the Memphis city-wide stroke program with attending neurologist coverage services at three area hospitals
- Recruited Drs Alsherabini and Goyal to expand the neurocritical program.
- Recruited additional faculty and had noticeable improvement in quality of Neurology services and teaching activities at Regional One Hospital.
- Demonstrated improvement and planned expansion for American College of Graduate Medical Education residency program.

Recommendations/Goals to Enhance the Effectiveness of the Program

Short Term Goals for the Department (2016-2017)

- Continue to improve and expand Neurology Residency curriculum
- Increase area Epilepsy Monitoring and Neonatal ICU-EEG reading services.
- Continue to recruit sub-specialty Neurologists
- Develop Division of Tele-Neurology and begin teaching telemedicine to Neurology residents
- Improve support for facilitating grant submissions

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* (formerly the *UT Medical Group Chair of Excellence in Obstetrics and Gynecology*).

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

Active Grants and Other Sources of Funding:

- National Institutes of Health R07 Perinatal Grant

Publications (2015-2016):

- Schenone M, Mari G, Schlabritz-Loutsevitch N, Ahokas R. Effects of selective reduced uterine perfusion pressure in pregnant rats. *Placenta*. 2015 Dec;36(12):1450-4.

Presentations (2015-2016): 20 presentations and 8 invited seminars

Graduate Students Mentored (2015-2016):

Faculty Mentoring or Other Active Collaborations: Mentored 4 Maternal-Fetal Residents or Fellows

Other Evidence of Impact on the Institution:

- Facilitates Obstetrics simulation training.
- Organized the Annual Contemporary Issues in Obstetrics and Gynecology conference in Destin, FL.
- Organized 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 (2016-2017)

- Continue publishing newsletter to alumni to keep them informed and engaged
- Support 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 premiere educators 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 in Physiology* is currently vacant. This chair was formerly held by Dr. Leonard Johnson and was relinquished upon his retirement on Dec 31, 2015.

This Chair will be attractive and will be filled when current transitions in the Department of Physiology are complete. Within the next two years, we expect extensive renovation of Physiology research facilities to be finished and a new permanent Department Chair to be named. At that time, the new departmental leader will either qualify for the Gerwin Chair or the stage will be set for recruitment of an effective and productive faculty Chair.

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 (2015-2016): 14

Presentations (2015-2016): 5 invited seminars (2 keynote addresses)

Faculty Mentoring or Other Active Collaborations: Direct mentor for UTHSC Assistant Professor Dr. Amali Samarasinghe

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
- Leading the Institute for Research, Innovation, Synergy, and Health Equity (iRISE), the new UTHSC Center and the accompanying Clinical and Translational Science Award application to NIH.
- Recruited major leadership positions include Chester Brown, Chief of Genetics and Ramin Alemzadeh, Chief of Endocrinology. Chair of Committee for recruitment of the new Chair of Pathology.

Recommendations/Goals to Enhance the Effectiveness of the Program

Goals (2016-2017)

- Recruit new Chief of Genetics, Chief of Pulmonology, and Chief of Developmental Pediatrics
- Strive for the Clinical and Translational Science Award
- 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

- Departmental recognition as a Top 10 Faculty in Pediatrics