

**2019 Texas Tech University System Chancellor's Council
Distinguished Teaching and Research Awards**

– Recipient Bio Information –

Texas Tech University

Teaching Award Bios

- Brie Sherwin, J.D., Ph.D.

Sherwin is a professor of law and an adjunct professor of public health in environmental health sciences. Her interest in the environment began during her childhood, watching her father farm cotton just outside of Lubbock. Her love of natural resources continued as she grew up in the cool pines of Ruidoso, New Mexico. She graduated from the University of New Mexico with a bachelor's degree in biology and then moved back to Lubbock to attend the Texas Tech School of Law, where she was one of the first two students to graduate from its dual-degree program with a juris doctorate and master's in environmental toxicology.

After graduating, she moved to Dallas to practice environmental law, where she represented blue-collar workers, their families, and lower-income communities in toxic tort litigation. Her time as a practicing lawyer has driven her passion for igniting empathy in the classroom by engaging students with real cases rooted in environmental, social and criminal-justice issues. Sherwin, along with her husband, Professor Rob Sherwin, moved back to Lubbock in 2008 to teach at the law school.

In 2011, she began teaching full time in its nationally-ranked legal practice program, and later completed her doctorate in environmental toxicology at Texas Tech's Institute of Environmental & Human Health. In 2016, she was recognized for her excellence in teaching as a recipient of Texas Tech's New Faculty Award and as the Outstanding Teacher of the Year in the Texas School of Public Health. Since she returned to the School of Law, she has coached numerous advocacy teams to regional and national championships.

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Her love of Texas Tech is truly a family affair. Her parents both graduated from Texas Tech and her mother was a twirler in the Texas Tech Goin' Band from Raiderland.

- J Chance Brooks, Ph.D.

Brooks is a professor and associate chair in the department of animal and food sciences at Texas Tech University. He teaches graduate and undergraduate courses in animal science, advises students and conducts research in the area of meat quality. Brooks has taught more than 1,900 students, authored 22 educational publications and videos, served as an instructor at 68 educational programs and presented 75 invited lectures and presentations. In addition, Brooks has mentored 27 master's and doctoral students, served as committee member of an additional 75 graduates and advised more than 375 undergraduate students since his tenure began at Texas Tech.

Brooks currently advises more than 130 undergraduate students, serves as club advisor for the Texas Tech Meat Science Association, supervises 10 to 20 student internships each year, and mentors undergraduate researchers in his laboratory. Brooks has an active research program while serving as investigator or co-investigator on projects that have resulted in 117 peer-reviewed publications, numerous abstracts and proceedings, nine patents/patent applications and multidisciplinary collaborative research with more than 10 universities. Brooks has been a member of the American Meat Science Association and American Society of Animal Science since 1996, and he has served on 36 committees at the national, regional and university levels.

- Alan D. Shinn, M.M.

Shinn has served as Professor of Percussion Studies at Texas Tech since 1982. He holds a bachelor's degree from the University of Missouri and the a master's degree from Texas Tech. He served as the chair of the winds and percussion area at Texas Tech from 2003 to 2007 and then

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served the School of Music as the associate director for undergraduate studies from 2005 to 2015. Shinn was the Texas Tech director of jazz studies from 1985 to 2005 and retired from leading the summer jazz program in 2013 after 30 years of producing the Lubbock Summer Jazz Festival. During his time as director of jazz studies, Shinn produced two critically acclaimed CD recordings: *Seein' the Light...Hearin' the Hub-Tones* featuring Texas Tech's Jazz Ensemble 1, received a Grammy nomination in 1998.

Prior to arriving at Texas Tech, he served as an instructor of percussion and jazz at Texas State University. Over 150 percussion students have graduated with 175 music degrees at Texas Tech since 1982 and are enjoying careers in education (all levels) and performance as well as music business and industry. Shinn was Principal Timpanist with the Lubbock Symphony Orchestra from 1982-2018 having been a member of the orchestra for 39 years.

He is a former member of the Austin Symphony Orchestra and also has served as Principal Timpanist/Percussionist with the Roswell (New Mexico) Symphony and has performed a number of times with the chamber orchestras of Santa Fe Pro Musica and 20th Century Unlimited.

Shinn is also a drum set artist as well as an active clinician and adjudicator throughout the southwest and midwest. He is currently an artist endorser of Vic Firth, REMO, Inc., and Paiste Cymbals. Shinn was the 2009 recipient of the William Kerns Performing Arts Award for his contribution to the performing arts in Lubbock. During the 2012 Percussive Arts Society International Convention in Austin, Texas, he received the Society's Lifetime Achievement in education award. In 2015, Shinn was the first recipient of the Lifetime Achievement Award from the Lubbock Roots Historical Council in conjunction with the Caprock Jazz Festival.

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- Mitzi Lauderdale, J.D., CFP

Lauderdale serves as the associate academic dean for students in the College of Human Sciences and also serves as an associate professor in the department of personal financial planning at Texas Tech University. Lauderdale works with Student Services in the College of Human Sciences to improve and enhance student recruitment, retention and engagement of undergraduate and graduate students.

She has implemented a multi-year merit scholarship program for entering freshmen and transfer undergraduate students that is the first of its kind at Texas Tech. These scholarships are helping to attract high achieving students.

Lauderdale teaches graduate and undergraduate courses in estate planning, legal and regulatory aspects of personal financial planning, special needs planning and general personal financial planning. Lauderdale is a life-long Red Raider and has her juris doctorate from Texas Tech University School of Law, a master's degree in personal financial planning and a bachelor's degree from Texas Tech. To expand her horizons and knowledge base, she is currently a doctoral candidate in personal financial planning at Kansas State University with an anticipated completion in 2019.

In recognition of excellence in teaching, Lauderdale has received many honors including the TTU President's Teaching Award for Excellence, Mortar Board Outstanding Faculty Member Award, TTU Alumni Association New Faculty Award, and is a member of the prestigious Teaching Academy at Texas Tech in which she serves on the executive council. She has published articles on charitable estate planning, special needs financial planning and student success in higher education. Her book publications include an estate planning textbook as well as chapters on special needs financial planning. Lauderdale actively conducts research and training in estate planning for special needs

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families, is a Certified Financial Planner™ and a member of the Texas Bar.

Research Award Bios

- Andrew Littlefield, Ph.D.

Littlefield received his pre-doctoral training in clinical psychology at the University of Missouri and completed his clinical internship at the University of Mississippi Medical Center in 2013. Littlefield has been an assistant professor of clinical psychology in the department of psychological sciences since 2013. His work focuses on adult psychopathology with a primary focus on substance use and substance use disorders.

Since 2008, Littlefield has published over 65 peer-reviewed publications and multiple book chapters and has been the recipient of funding from the National Institutes of Health, the Substance Abuse Mental Health Services Administration and the Department of Defense.

- Tracy Pearl, J.D.

Pearl is a nationally recognized scholar on emerging technology and the law. She researches and writes about risk, regulation and tort law in the areas of autonomous vehicles and other new forms of technology. She is currently one of the top two legal scholars in the U.S. in the area of autonomous vehicles, and she has been recognized both nationally and internationally for her balanced, practical, and yet innovative solutions to the novel legal questions and issues posed by these vehicles. Pearl is also the nation's leading legal scholar about liability arising from crowd control and crowd management issues, and she is the only scholar who has conducted a comprehensive review of the case law in this area and proposed a statutory solution.

Pearl's work has appeared in top law reviews and law journals and has been cited widely by both courts and scholars. She has been invited to

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present her work at conferences at Yale, Northwestern, the University of Pennsylvania, and the Sorbonne, among other institutions, and she has consulted with numerous law firms and corporations throughout the country.

Texas Tech University Health Sciences Center

Teaching Award Bios

- Steven Sawyer, P.T., PhD

Sawyer is a professor and chair of the department of rehabilitation sciences, and associate dean of faculty development in the School of Health Professions at Texas Tech University Health Sciences Center.

After earning a doctorate degree in neuroscience from the University of California at San Diego, Sawyer focused his research on central motor systems, which eventually led to his interest in more direct clinical applications. Sawyer graduated from the TTUHSC Physical Therapy program with a master's degree and was hired as a faculty member in the physical therapy program with responsibilities including teaching, clinical research and clinical practice. He has remained a faculty member at TTUHSC for more than 20 years.

Teaching has always been a focus and source of personal fulfillment for Sawyer. He integrates his knowledge of basic science with clinical science in his courses, and he continues to teach clinical neuroscience to physical therapy, physician assistant and medical students.

Sawyer was honored with a university distinguished professor designation in 2016, and has received seven teaching awards related to his instruction of students of physical therapy, occupational therapy and medicine.

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- Vardan T. Karamyan, Pharm.D., Ph.D.

Dr. Karamyan is a pharmacist scientist with research training in pharmacology and biochemistry. He received his pharmacy and doctorate trainings at the Yerevan State Medical University in Armenia, followed by a postdoctoral training at the University of Mississippi in Oxford. Dr. Karamyan joined the TTUHSC School of Pharmacy in August 2008 and since then has been involved in both educational and research mission of TTUHSC.

Dr. Karamyan's area of teaching expertise is in pharmacology, neurobiology and pathophysiology of cardiovascular, cerebrovascular and neurological disorders. His teaching has been recognized with multiple awards from pharmacy and graduate students every year since 2008.

Dr. Karamyan also received recognition from his peers for teaching, including the TTUHSC President's Excellence in Teaching Award in 2014. In addition to classroom teaching, Dr. Karamyan is actively involved in training and mentoring of students/trainees in research and maintains a NIH-funded laboratory. Several of his former trainees are currently pursuing academic and research careers throughout the country.

Research Award Bios

- Donna C. Owen, Ph.D., R.N.

Owen is a professor in the School of Nursing and has been a faculty member at Texas Tech University Health Science Center since 1998. She has achieved national prominence for her work in aging research. She is focused on improving the quality of care of residents in nursing homes and is investigating the impact of nurse - physician communication on avoidable hospitalizations.

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Her work has been supported by grant funds from the Ridenour Fund and Sigma Theta Tau International. She held the Mildred & Shirley L. Garrison Professorship in Geriatric Nursing from 2003-09. Owen is a sought after consultant in qualitative methods and conceptual design and serves as research mentor to faculty colleagues. She is the principal investigator for a longitudinal study monitoring faculty and staff outcomes following implementation of shared governance in the TTUHSC School of Nursing.

She has an interest in conceptualization of risk in vulnerable populations and has participated as co-investigator on studies that include low income populations addressing issues of obesity, diabetes and chronic illness. She has been an active investigator in an internationally acclaimed body art research team. Additionally, Owen is examining the development of critical consciousness of one's health and health care needs through the lens of the transformation for health conceptual framework.

Owen has published nearly 50 peer-reviewed manuscripts and book chapters. Owen received a bachelor's degree in biology, a bachelor's in nursing from Case Western Reserve University in Cleveland, Ohio, a master's in nursing from Boston University, Boston and a doctorate in nursing from Case Western Reserve University.

Before coming to TTUHSC, Owen held faculty positions at Case Western Reserve University and Emory University. At TTUHSC, Owen completed an agency on aging supported fellowship with Dr. James Rohrer.

- Min Kang, Pharm.D.

Dr. Kang is a distinguished university professor of pediatrics at the Texas Tech University Health Sciences Center School of Medicine. She earned her bachelor's degree in pharmacy in South Korea in 1990, and

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her doctorate of pharmacy from the University of Colorado Health Sciences Center in Denver in 1998. After completing her doctorate of pharmacy, she joined the National Cancer Institute, National Institutes of Health as a post-doctoral fellow. During her post-doctoral training in molecular and clinical pharmacology, she discovered unique pharmacokinetic interference of a P-glycoprotein inhibitor on conventional chemotherapeutic agents. Her discovery informed planned clinical trials of p-glycoprotein inhibitors in cancer patients.

In 2005, Dr. Kang accepted an assistant professor position at the University of Southern California-Children's Hospital Los Angeles. As a member of the developmental therapeutics program at USC, she started working on pediatric cancers along with Dr. C. Patrick Reynolds and Dr. Barry J. Maurer. The team focused on translational research in developing new treatment options for relapsed pediatric cancer patients. Dr. Kang co-directed the National Cancer Institute Pediatric Preclinical Development Program in vitro testing laboratory for 10 years, and the data she generated resulted in numerous publications and several early-phase pediatric clinical trials.

Dr. Kang was recruited to TTUHSC as an assistant professor in 2008. She was promoted to an associate professor with tenure in 2011 and to professor in 2015. While at TTUHSC, she continued her research on pediatric cancers, discovering the impact of pharmacokinetics/pharmacogenomics on the activity of isotretinoin in high-risk neuroblastoma patients. Her most recent research has identified potential mechanisms of isotretinoin resistance in neuroblastoma.

Dr. Kang's research has been continuously funded by both Cancer Prevention and Research Institute of Texas (CPRIT) and National Institutes of Health (NIH). She has multiple grants as a principal investigator and also participates on colleagues' grants as a co-investigator. Her peer reviewed funding from CPRIT and NIH as a principal

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investigator totals more than \$7 million including an NIH R01 that has recently scored within a guaranteed pay line.

She has been involved as a co-investigator in projects that have brought in over \$6 million in external funding. Dr. Kang has received several recognitions for her research and teaching, including President's Young Investigator award in 2010, President's Excellence in Research Award in 2013, University Distinguished Faculty in 2015 and the Outstanding Faculty Award by TTUHSC Student Governance Association 2014 and 2015. She has authored over 100 peer-reviewed publications, and her H-index is 32. She serves as a reviewer on NIH Study Sections.

Texas Tech University Health Sciences Center El Paso

Teaching Award Bio

- Charmaine A. Martin, M.D.

Dr. Martin has served as faculty in the TTUHSC El Paso PLFSOM department of family and community medicine since 2005. Dr. Martin earned her medical degree from UTMB at Galveston and completed her residency in family medicine at the St. Clare's Family Practice Residency, (now Ellis Medicine Family Medicine Residency) in New York.

She has completed faculty development fellowships from both the STFM Pre-doctoral Directors Development Institute and the University of Southern California (USC) Keck School of Medicine. Dr. Martin is Board Certified by the American Board of Family Medicine. Dr. Martin has served as Family Medicine Clerkship Director (2007-18) and also as Medical Student Education Director (2010-18) in the department of family and community medicine.

She has developed, implemented and evaluated clerkship curricula and taught medical students in the El Paso Regional Lubbock campus as well

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as the Paul L. Foster School of Medicine. She has taught and mentored family medicine residents and medical students receiving numerous teaching awards at both the local and regional level over the years. She has been the associate project director on a successful HRSA Pre-doctoral grant (\$945,000) and the project director for two THECB grants (\$650,000 in total). She has consistently presented her work at the Society of Teachers of Family Medicine (STFM) conferences on medical student education.

Her scholarly interests focus mainly on medical student education and primary care cancer screening. She has also presented faculty development sessions locally to both community and campus based primary care faculty on how to effectively teach medical students.

Angelo State University

Teaching Award Bio

- Andrew B. Wallace, Ph.D.

Wallace is a professor of physics at Angelo State University. He received his doctorate and master's in physics from the University of North Texas and his bachelor's in electrical-electronic engineering technology from Texas Tech University. His full-time teaching career began at ASU in the fall 1989 as a visiting assistant professor of physics. One year later, he gained a tenure-track assistant professor of physics position.

Wallace was promoted to an associate professor of physics and received tenure in the department of physics in 1996. He became head of physics in 1998 and professor of physics in 2004.

Under his leadership, the department of physics received national recognition through the strategic programs for innovations in undergraduate physics in 2003. Wallace served as the inaugural dean of

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the freshman college at ASU in 2012 that established a unique class for freshman called “Signature Courses.”

Wallace was the primary investigator on a U.S. Department of Education grant from 2005 to 2012 focused on improving high school physics teaching in West Central Texas. His current research work involves radiation in the air for the Environmental Protection Agency. He served as President of the Texas Section of the American Association of Physics Teachers and received a U.S. Air Force Distinguished Educator award.

Research Award Bio

- Joseph I. Satterfield, Ph.D.

Satterfield serves as a professor of geology at Angelo State University. He discovered his love of teaching outdoors while working summers during high school and college at El Rancho Cima Boy Scout Camp in Central Texas. He earned a bachelor's degree in geology at Rice University, a master's degree in geology at the University of Missouri, and a doctorate in geology from Rice.

George Viele and John Oldow, his research advisors, opened his eyes to learn how to think critically, write well and make a good geologic map. In the 1980s, between his postgraduate studies, Satterfield worked for five years as a petroleum geologist, mostly for Marathon Oil Company. Joe taught at Lamar University, Lee College and San Jacinto College before finding his dream job in 2003: teaching geology at ASU.

In 2008, he and department chair Andrew Wallace wrote a successful proposal for a Bachelor of Science in geoscience at ASU. Satterfield contributes by teaching structural geology, field camp, and mineralogy and petrology.

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He also works with undergraduate students in making geologic maps in the Big Bend region of West Texas, Northern Mexico and in western Nevada. From 2011 to 2014 he was the co-principal investigator on a National Science Foundation-supported project “Pathways for Inspiring, Educating, and Recruiting West Texans in the Geosciences.” A paper he presented on this work won the 2015 Best Paper Award at the West Texas Geological Society Fall Symposium.

He continues to work with San Angelo Independent School District teachers on geology-related classroom projects and field trips. He is married to Alison Mills Satterfield and helped raise two daughters, Becky and Emma.