MEDALLION CEREMONY

College of Engineering, Architecture and Technology

A celebration to recognize chair and professorship donors and introduce faculty chairholders in the College of Engineering, Architecture and Technology.

FRIDAY, AUGUST 31, 2012

Donald W. Reynolds School of Architecture Building | Oklahoma State University

Welcome | OSU President V. Burns Hargis

Master of Ceremonies | OSU Associate Athletic Director for Development Larry Reece

Chair Announcements | Dean of College of Engineering, Architecture and Technology Paul Tikalsky

Medallion Presentation | President Hargis and Provost Robert Sternberg

Closing | Dean Paul Tikalsky

Donor and faculty biographies are listed by fund. This is not a complete listing of all the CEAT chair and professorships, only those included in today's ceremony. For a listing of faculty chairholders, see page 41.

The following are stories from those who have established chairs and professorships in the College of Engineering, Architecture and Technology, as well as the faculty who currently hold these prestigious positions. Thank you for joining us today to celebrate these honorees.

ALBERT H. NELSON JR. ENDOWED CHAIR IN ENGINEERING

Albert Nelson

Albert H. Nelson Jr. was born and raised in Wichita, Kan. He was an only child who came to Oklahoma A&M College, now Oklahoma State University, to study mechanical engineering, earning his undergraduate degree in 1940. After graduating from OAMC, he worked with Boeing Airplane Company and Beech Aircraft Company before forming Globe Engineering in 1946 and enjoying a long career in aeronautics.

Nelson and his wife, Doris, had five children and made their home in Wichita before later retiring to Anna Mario Island, Fla. Despite his distance from Oklahoma, service to OSU was always important to Nelson. Over the years he served as the Wichita Chapter President of the OSU Alumni Association; the National President of the Alumni Association; a member of the OSU Foundation Board of Governors; and a member of the College of Engineering, Architecture and Technology Associates. He received the OSU Distinguished Service Award in 1980.

Nelson passed away in 2003 at the age of 86. His impact continues at the University he loved through the Albert H. Nelson Jr. Endowed Chair in Engineering. In 1999 the Nelsons gave to create this faculty position. Their gift was matched by the Oklahoma State Regents for Higher Education, furthering its impact. Today the chair carries on his legacy while paying tribute to the professors like Vincent Young, who were so instrumental in the development of Nelson's successful career.

Ranga Komanduri

Ranga Komanduri was a Regents' professor and held the A. H. Nelson, Jr. Endowed Chair in Engineering at Oklahoma State University prior to his passing in September 2011.

Born in India, he studied engineering at the Regional Engineering College located in Warangal, where he received a bachelor's degree in mechanical engineering in 1964 and a master's degree in heat power engineering in 1966. He went on to graduate with his doctorate from Monash University in Australia in 1972.

Following his education, he began his career as a research engineer and assistant professor in the mechanical engineering department at Carnegie Mellon University. Komanduri then moved to the General Electric Corporate Research and Development Laboratory while serving as the Adjunct Professor at Rensselaer Polytechnic Institute.

In the fall of 1989, he joined the faculty of Oklahoma State's School of Mechanical and Aerospace Engineering as a professor and MOST Chair in Intelligent Manufacturing, remaining on the faculty for 22 years. While at OSU, his contributions included work on conventional machining and grinding, high-speed machining and ultra-precision machining.

His awards and recognitions were numerous and included the 2004 SME Albert M. Sargent Progress Award, the OSU Eminent Scholar Award and the 2011 M. Eugene Merchant Manufacturing Medal of ASME and SME.

Active in many national organizations, he served the North American Manufacturing Research Institution (NAMRI/SME) as its President in 1992, and as Co-Organizer of NAMRC 21. He was Chairman of the Production Engineering Division, now known as the Manufacturing Division, and Vice President of the Manufacturing Group for ASME from 1989 to 1993.

In addition to his record of academic and research achievements, he was perhaps just as well known for the care and compassion he showed for his students, garnering the nickname of "Dr. K.".

AMOCO CHAIR IN CHEMICAL ENGINEERING

BP

In 1889 John D. Rockerfeller formed Standard Oil of Indiana, which became known as Amoco. Within a decade it dominated oil refining and marketing in the Midwest. By the end of the 20th century, Amoco was the largest natural gas producer in North America, with a reach that stretched well beyond its home continent with exploration in 20 countries and production in 14. In 1998, Amoco and BP announced their merger, combining each company's worldwide operations into a single organization. Overnight, the new company became the largest producer of both oil and natural gas in the U.S.

Today BP is one of the world's leading international oil and gas companies, providing its customers with fuel for transportation, energy for heat and light, retail services, and petrochemicals products for everyday items. BP operates at the frontiers of the energy industry with more than 83,000 employees using world-class assets, technology, capability and know-how to meet energy needs and deliver long-term value. The company operates by the values of safety, respect, excellence, courage, One Team.

BP has invested more in the United States over the last five years than any other oil and gas company. With more than $52 billion in capital spending between 2007 and 2011, BP invests more in the U.S. than in any other country. The company is the nation's second largest producer of oil and gas, a major oil refiner and a leader in alternative energy sources including wind power and biofuels. BP provides enough energy each year to light the entire country. With 23,000 of its 83,000 U.S. employees, BP supports nearly a quarter of a million domestic jobs through its business activities.

BP is not only committed to its business, but also the communities in which it operates. The company has spent nearly $104 million on community programs to create a meaningful, lasting impact. This spending supports education, community development and enterprise.

On several occasions over the past 48 years, Oklahoma State University has benefited from the company's generosity. In 1989 the Amoco Chair in Chemical Engineering at OSU was created. This position encourages excellence in chemical engineering education and research. It has enabled OSU to attract world-class faculty members who not only raise the reputation of the program but also contribute to the success of their students. In 2010, BP donated $100,000 towards Geology student scholarships with a match of $100,000 from T. Boone Pickens to total $200,000 for students seeking degrees in Geology and Energy. A solar buggy was donated to the School of Geology (value of $25,000) for the purposes of research in the field. A subsequent gift of $100,000, donated in 2011, created the BP Research Scholars Program. This scholarship money will be directed to research already on going in programs that will be part of OSU's National Energy Solutions Institute (NESI). A total of $325,000 has been attributed to BP for the purposes of energy education.

Chairholder
R. Russell Rhinehart

R. Russell Rhinehart, professor in the School of Chemical Engineering at Oklahoma State University, holds the Amoco Chair in Chemical Engineering.

Possessing extensive experience in both industry (13 years) and academia (26 years), Rhinehart has utilized his expertise to serve as head of the School from 1997 to 2008, and again from 2011 to the present.

His research focuses on improving process operations and product properties. Rhinehart believes that implementation and need should guide theory and analysis; and expectedly, his program has a strong experimental component using several automated pilot-scale units for both control research and the undergraduate unit operations laboratory. He believes that solutions need to be simple, and that credibility requires experimental evidence.

His 1968 Bachelor of Science in chemical engineering and subsequent Master of Science in nuclear engineering are both from the University of Maryland. In 1985, he received his doctoral degree in chemical engineering from North Carolina State University. Rhinehart left industry for academia with several purposes, one of which was to improve the university role in human resource development as it relates to the field of chemical engineering. As a professor, Rhinehart teaches modeling, optimization, and process control courses and has developed a variety of short courses for industrial participants related to process control and control systems.

Rhinehart's professional involvement is varied, including currently serving as President of the American Automatic Control Council and previously as Editor-in-Chief of ISA Transactions. He is a Fellow of ISA, a CONTROL Automation Hall of Fame inductee, and he received the 2009 ISA Distinguished Service Award. He has coauthored a textbook and has authored several handbook chapters on modeling, control, and optimization. Additionally, he has published multiple journal articles, full-paper refereed periodical or conference papers, chapters, and patents along with one book.

ANADARKO PETROLEUM CORPORATION CHAIR IN CHEMICAL ENGINEERING

Anadarko Petroleum Corporation

Founded in 1929 in Ada, Okla., the Kerr-McGee Corporation became a leading inorganic chemical and petroleum and natural gas exploration firm. Known as a leader in technological innovation, the company established the first commercial offshore oil well in 1947.

In 1996 Kerr-McGee was acquired by Anadarko Petroleum Corporation. As a leader in oil and gas exploration, Anadarko recognizes the fundamental role energy plays in physical existence. Anadarko takes seriously its responsibility to safely deliver resources to the energy-hungry world by developing, acquiring, and exploring for oil and natural gas resources vital to the world's health and welfare.

Anadarko is among the largest independent oil and natural gas exploration and production companies in the world, and as a result ended 2011 with 2.54 billion barrels of oil equivalent (BBOE) of proved reserves. The company also is a premier deepwater producer in the Gulf of Mexico, and has production in Alaska, Algeria, and Ghana with additional exploration opportunities in West Africa, Mozambique, Kenya, South Africa, New Zealand and China.

The Kerr-McGee Corporation established the Chair in Chemical Engineering in 1989 in recognition of Oklahoma State University's centennial. When announcing the gift it was stated that "Nothing is more critical to the future of Oklahoma and to the quality of life in this state than excellence in education. We must do everything we can to ensure that young people in Oklahoma are provided with the highest quality education available in our country." Anadarko shares this belief and is proud to be associated with this impactful position.

Chairholder
Gary Foutch

Gary Foutch is a Regents Professor and the Anadarko Petroleum Corporation Chair in Chemical Engineering in Oklahoma State University's College of Engineering, Architecture and Technology.

Foutch joined Oklahoma State in 1980 and has established himself as a well-known and respected researcher. Among his major areas of focus is researching rate limited separations, reaction kinetics, ultrapure water and biotechnology.

In addition to his academic responsibilities, Foutch serves the international community as a commissioner for the Accreditation Board for Engineering and Technology and is a technical program contributor to the preeminent ion exchange meeting every four years at Cambridge University, England.

An alumnus of the University of Missouri-Rolla, Foutch earned his B.S., M.S. and doctorate all from UM-Rolla in 1975, 1977 and 1980, respectively. Additionally, in 1977 he was a visiting scholar in Weihenstephan, Freising, Germany and was a Fulbright Scholar at Loughborough University in England in 1991.

AT&T PROFESSORSHIP IN ENGINEERING

AT&T

For more than a century, AT&T has maintained its position as a premier communications technology company. With a powerful array of network resources that includes the nation's fastest mobile broadband network, AT&T is a leading provider of wireless, Wi-Fi, high-speed Internet and voice services. Today, its mission is to connect people with their world, everywhere they live and work.

AT&T invests significant resources to advance education, strengthen communities and improve lives. Through philanthropic initiatives and collaboration, AT&T and the AT&T

Foundation support projects that create opportunities, make connections and address community needs. In 2009 alone, AT&T contributed more than $155 million through corporate, employee and AT&T Foundation giving programs.

Historically, supporting education has been a major focus for AT&T, and education continues to be its key philanthropic initiative. The company is driven to help students succeed – in school, in the workforce and in life.

In 1989, the AT&T Professorship in Engineering was created at Oklahoma State University. This is one of many gifts AT&T and its subsidiaries have made to the University over the past 45 years. By establishing this professorship, the company demonstrated its commitment to promoting excellence in engineering education and instruction.

Other interests of the AT&T Foundation include supporting its employees' philanthropic efforts through matching gift programs, providing aid to military personnel and their families, and reaching out to the international community through humanitarian relief and development efforts.

Chairholder
Satish Bukkapatnam

Satish Bukkapatnam, professor of industrial engineering and management at Oklahoma State, holds the AT&T Professorship in Engineering.

Throughout his career, Bukkapatnam has placed an emphasis on the student experience by developing courses integrating manufacturing and information systems. The success of his approach has been evident as, in 2002, he was elected by students to receive the Best Teacher Award. Over the past 7 years, he has continually received excellent evaluations from his students. He has also worked closely with students on various research projects which have resulted in six doctoral degrees, 10 Master of Science degrees and 22 undergraduate research scholars. Currently, Bukkapatnam is advising seven PhD dissertations, two MS theses, as well as mentoring two undergraduate students.

Aside from his teaching responsibilities, Bukkapatnam has been very active with his own research, yielding 108 peer-reviewed publications. These publications have earned many awards including the Computer and Information Engineering Division Best Student Paper Award at the IIE Research Conference in 2010 and 2011 and Best Paper runner-up and Student Ambassador Award at the SAS Datamining Conference in 2012.

Bukkapatnam earned his Bachelor of Technology degree in mechanical engineering from S.V. University in Tirupati, India in 1992. He went on to receive his masters and doctoral degrees in industrial & manufacturing engineering from Pennsylvania State University.

Included among other honors Bukkapatnam has received are the OSU CEAT Haliburton Outstanding Young Faculty Award and the OSU Regents Distinguished Research Award, both in 2011, and the IIE Hamed K. Eldin Outstanding Young IE Educator Award in 2012.

Along with his many awards and recognitions, Bukkatpatnam chairs multiple professional organizations including the Quality, Statistics, and Reliability Section of the Institute of Operations Research and Management Science. Additionally, he is an editor for five international journals and has been the chair or member of more than 20 PHD guidance committees.

BARTLETT CHAIR IN CHEMICAL ENGINEERING

Edward E. & Helen Turner Bartlett Foundation

Few Oklahoma State University families can claim a legacy as significant as the Bartlett family's. With nearly a century of graduates and well over $1 million in gifts over the past five decades, the family has been influential in making OSU the university it is today.

A 1912 graduate of the College of Arts and Sciences, Edward E. Bartlett created a heritage of philanthropy that is carried on today by the Edward E. & Helen Turner Bartlett Foundation. Oklahoma State is one of the many institutions and organizations that have benefited from the Foundation's generosity. The Foundation has supported many causes throughout its long relationship with the University, including undergraduate scholarships, teachers' fellowships and endowed faculty positions in Chemistry as well as Chemical Engineering.

In 1996, the Foundation created the Bartlett Chair in Chemical Engineering. The impact of this gift was multiplied as it was matched dollar for dollar by the Oklahoma State Regents for Higher Education. This chair was established to encourage excellence in teaching and scholarship in the Department of Chemical Engineering within OSU's College of Engineering, Architecture and Technology.

Outside of the Foundation's impact on the Oklahoma State campus, it has benefitted many other Oklahoma organizations and entities. Among these is the Bartlett-Carnegie Sapulpa Public Library to which the Foundation provided funds in 1997, allowing for restoration and expansion of the historic structure. The Foundation also established and funds the Harry C. Freeman Science and Engineering Academy at Sapulpa High School.

Chairholder
Khaled Gasem

Khaled Gasem recently served as the interim dean for the College of Engineering, Architecture and Technology at Oklahoma State and currently holds the Bartlett Chair in Chemical Engineering.

Gasem has been actively involved in experimental, theoretical and process thermodynamics for more than 30 years, during which time he has acquired extensive experience in phase equilibrium thermodynamics, thermophysical property prediction, and process development/simulation. His ongoing research includes: molecular design of specialty chemicals; enhance oil/gas recovery; sequestration of carbon dioxide; development of multiphase multicomponent equilibrium algorithms and equation-of-state models; phase behavior of reservoir fluids and environmental systems; development of products and processes for targeted applications.

In addition to his college and research responsibilities, Gasem has dedicated significant time to helping others advance in their education and career. He has mentored numerous scientists, engineers, and students, including 11 visiting scholars and postdoctoral fellows, 19 doctoral candidates, and 30 master's graduates. He has directed/co-directed more than 25 funded research projects and two international research consortia and is author/co-author of more than 300 publications and presentations in his areas of interest. He is also a member of various professional organizations such as the American Institute of Chemical Engineers, the American Chemical Society, Phi Kappa Phi Honor Society, and Omega Chi Epsilon Honor Society.

His career at Oklahoma State began after earning his doctoral degree in chemical engineering from OSU in 1986. He received his Bachelor of Science in chemical engineering from the University of California at Berkeley, and he earned his masters is in chemical and petroleum refining engineering from the Colorado School of Mines. Gasem has been honored on a number of occasions throughout his career. Among his most notable previous recognitions are the Amoco Chair, the R.N. Maddox Professorship, the Regents Distinguished Research Award, two Halliburton Awards of Excellence, College of Engineering Outstanding Faculty, and Omega Chi Epsilon Teacher of the Year in Chemical Engineering.

CALVIN AND MARILYN VOGT PROFESSORSHIP IN CEAT

Calvin and Marilyn Vogt

Calvin "Cal" and Marilyn Vogt were born in Guthrie and graduated from Guthrie High School in 1949 before enrolling at Oklahoma A&M, now Oklahoma State University.

Marilyn studied art and Cal studied electrical engineering. They were married while attending the University and Marilyn eventually postponed her studies to work fulltime. Cal graduated OSU with a bachelor's degree in 1953 and a master's degree in 1960.

Marilyn later completed her art education at the University of Tulsa. She was committed to raising the couple's four sons to be disciplined and successful. She also continued her passion in art through teaching and serving her church.

Cal began his career at Bell Telephone Labs in New York City where he was awarded his first patent. After one year, he was called into active duty as a lieutenant in the Signal Corps. Upon completion of his service in 1956, he began working for Century Electronics and Instruments, a small firm in Tulsa. Over the next 13 years, he was a part of developing several electronic innovations and products for which he received patents.

After leaving the company in 1969, he and his partners, purchased several companies, which he managed simultaneously. These companies included Southern Specialties Corp, Geophysical Research Corp and Indel-Davis. After great national and international success, he retired in the late 1990s and early 2000s.

OSU continues to be special to the Vogt family. Three of their four sons attended the University, as well as their four oldest grandchildren. The Vogts have been great supporters of the OSU engineering program. In 2008, the couple created the Calvin and Marilyn Vogt Professorship in CEAT. Their donation qualified for a dollar-for-dollar match by the Oklahoma State Regents for Higher Education and OSU alumnus T. Boone Pickens, significantly increasing its impact.

Chairholder
Guoliang Fan

An associate professor in the Oklahoma State University School of Electrical and Computer Engineering, Guoliang Fan is the Cal and Marilyn Vogt Professor in CEAT.

Fan's path toward a career in higher education began as a graduate assistant in the Department of Electronic Engineering at the Chinese University of Hong Kong from 1996 to 1998. Upon receiving his doctoral degree in electrical engineering from the University of Delaware in 2001, Fan came to Oklahoma State where he took the positions of assistant professor and director of the Visual Computing and Image Processing Laboratory.

With support from the likes of the National Science Foundation, Army Research Office, Oklahoma Center for the Advancement of Science & Technology, NASA, and OSU, Fan has focused his research interests on the areas of image processing, machine learning, computer vision, biomedical imaging and remote sensing applications. When not focused on teaching and research, Fan dedicates significant time to overseeing graduate students in their academic progression. As of fall 2011, seven doctoral students and 10 master's students received their degrees under Fan's supervision.

Since 2004, his advisees have included two freshmen scholars, three Wentz scholars, six NSF REU students, and two minority students from the OSU Multi Cultural Engineering Program.

As a respected member of OSU's engineering faculty, Fan has been the recipient of numerous awards and honors, including: the 2004 Halliburton Excellent Young Teacher Award, the Halliburton Outstanding Young Faculty Award in 2006, and the 2008 and 2011 IEEE Outstanding Professor Award, each from OSU's College of Engineering. Additionally, Fan has published 24 refereed journal articles and has authored 57 refereed conference papers. His publications have received more than 500 SCI citations and 1,000 citations from Google Scholar.

Fan earned his Bachelor of Science degree in automation engineering from Xi'an University of Technology in Xi'an, China in 1993 and his M.S. in computer engineering in 1996 from Xidian University in Xi'an.

CARL G. AND GLADYS L. HERRINGTON CHAIR IN ADVANCED MATERIALS

Carl G. and Gladys L. Herrington

A 1934 graduate in civil engineering from Oklahoma A&M, now Oklahoma State University, Carl Herrington would go on to enjoy a successful career, eventually becoming an executive with Exxon.

Mr. Herrington and his wife, Gladys, were longtime supporters of education, having funded several educational causes throughout the state of Oklahoma during their lives. This conviction was demonstrated through the many scholarships they generously supported at Mr. Herrington's alma mater, including the Carl and Gladys Herrington President's Distinguished Scholarship, the Herrington Distinguished Graduate Scholarship for Veterinary Medicine and the Herrington Engineering Scholarship. In addition to the generosity shown toward Oklahoma State and its students, the Herringtons were also dedicated supporters of Rogers State University, having established the Herrington Lectureship series there.

In addition to his financial gifts, Mr. Herrington was generous with his time and experience, evidenced by the time he served as a member of the OSU Foundation Board of Governors and Board of Trustees. The Herringtons were honored throughout their lives for their dedication to improving education, recognizing the great impact they had on our state and its students. As a result of all he had accomplished, Mr. Herrington was inducted into the Oklahoma State University Alumni Association Hall of Fame in October 2000. Additionally, in 1990, Rogers State University awarded Mr. Herrington the Jefferson Fellow Award. RSU's Herrington Hall, which houses the institution's School of Business and Technology, was named in honor of the Herrington family in 1995.

Prior to Mrs. Herrington's passing in 1989, and Mr. Herrinton's four years later, The Carl and Gladys Herrington Chair in Advanced Materials was established. Today it provides for a focus on research involving composite materials, serving to ensure Mr. and Mrs. Herington's legacy as advocates for education and improving the lives of Oklahomans.

Chairholder
Don Lucca

Don Lucca, Regents Professor in Oklahoma State University's School of Mechanical and Aerospace Engineering, holds the Carl and Gladys Herrington Chair in Advanced Materials.

During his time at Oklahoma State, Lucca has directed his research toward developing a basic understanding of the mechanics and physics which govern microscale and nanoscale fabrication processes used to create ultraprecision surfaces and thin films and to investigate the mechanical, chemical, electrical and photonic nature of the surfaces

which result. His current work is aimed at the development of new techniques for the assessment of subsurface damage in semiconductors, the characterization of the nanomechanical properties of materials and thin films, and the creation of photonic nanocrystals. Prior to his arrival in Stillwater in 1990, he worked for industry in the production of high precision mechanical components and was on the engineering faculty at Ohio State University.

Lucca has served on the Board of Directors of the American Society for Precision Engineering and the North American Manufacturing Research Institution. For his contributions in the field of ion-solid interactions, he was elected a scientific member of the Böhmische Physical Society. He is a recipient of the Alexander von Humboldt Research Award for Senior Scientists and has served as a visiting professor at both the Stiftung Institut für Werkstofftechnik at Universität Bremen and the Politecnico di Torino. He was awarded a Mercator Professorship by the Deutsche Forschungsgemeinschaft in Germany and holds an honorary doctorate from Universität Bremen. Additionally, Lucca is the author of more than 120 scientific publications.

A member of the faculty of OSU's School of International Studies, Lucca received his Bachelor of Science degree from Cornell and Master of Science from Princeton, both in mechanical and aerospace engineering, while he earned his doctoral degree in mechanical engineering from Rensselaer Polytechnic Institute.

CARROLL M. LEONARD PROFESSORSHIP

Carroll M. Leonard

It could be said that the Leonard family is as much a part of Oklahoma State as the University is part of their family. It all began when Carroll "C.M." Leonard first joined the engineering faculty of Oklahoma A&M College, now Oklahoma State University, in 1929 following his graduation from Kansas State University. He married Helen Leonard who graduated from OAMC in 1932 with a degree in education. The Leonards would go on to have five children; Edward, John, Gary, William and Mark, all of whom would become OSU students.

Mr. Leonard remained on faculty at Oklahoma State until his 1966 retirement, and during those 37 years he would distinguish himself as a respected educator, author of numerous engineering textbooks, and dedicated mentor. Leonard was elected national president of the Mechanical Engineering honor society, Pi Tau Sigma, in 1956. His leadership and expertise brought great recognition and acclaim to the OSU campus, leading to the Oklahoma State student chapter of Pi Tau Sigma being selected as the host of the society's 1957 convention.

In 1976, 10 years after Leonard's retirement, Pi Tau Sigma Fraternity was looking for a way to honor Leonard for his many contributions to the field of mechanical engineering. They would ultimately decide to create the Carroll M. Leonard Scholarship for Mechanical Engineering.

Many former students and others influenced by Mr. Leonard, including 1956 mechanical engineering graduate Bill Atherton, came together in 1992 to establish the Carroll M. Leonard Professorship, forever ensuring his life and legacy would be remembered on the Oklahoma State campus. Mr. Leonard passed away in November 1987 but his memory and impact lives on through this position.

Chairholder
Jeffrey Spitler

Jeffrey Spitler is a Regents Professor and C.M. Leonard Professor in Oklahoma State University's School of Mechanical and Aerospace Engineering. Spitler earned his Bachelor of Science degree in mechanical engineering in 1983, and went on to earn his Master of Science and doctoral degrees in mechanical engineering in 1984 and 1990 respectively, all from the University of Illinois at Urbana-Champaign.

Spitler began his career at Oklahoma State in 1990 as assistant professor in the School of Mechanical and Aerospace Engineering. He has held the C.M. Leonard Professorship since 2001 and has held the title of Regents Professor since 2008. During his time in Stillwater, Spitler has also served as a visiting professor in Glasgow, United Kingdom, at the University of Strathclyde and as an adjunct professor for Hunan University in Changesha, PRC.

Some of Spitler's areas of interest include convective and radiative heat transfer in buildings and load calculations and energy analysis, just to name a few. His research and course materials focus on thermal sciences, environmental systems and building simulation. His more than 20 years of experience have gained Spitler international prestige and recognition. Among his many honors, Spitler received both the Crosby Field Award (American Society of Heating, Refrigerating and Air Conditioning Engineers) and ASHRAE Technical Paper Award for "Refinements and Improvements to the Radiant Time Series Method" in 2010 and 2011.

Spitler has been an active member of many professional organizations, including: the ASHRAE since 1984; International Building Performance Simulation Association since 1989; and the American Society of Mechanical Engineers since 1984. Along with his role as a member of multiple advisory and editorial boards, he has been responsible for various publications, such as "Load Calculation Applications Manual," "Load Calculation Applications Manual, SI Edition," and a section in "Building Performance Simulation for Design and Operation."

CENTENNIAL PROFESSORSHIP IN ARCHITECTURE AND ARCHITECTURAL ENGINEERING

This professorship demonstrates the power of collaboration as nearly 30 corporations and individuals came together to fund the school's first-ever endowed faculty position. When the professorship was established in 2008, the timing couldn't have been better. The School of Architecture was approaching its 100th anniversary and two incredible matching opportunities provided new incentive for donors to consider faculty support. All donations to the fund qualified for a dollar-for-dollar match by the Oklahoma State Regents for Higher Education and OSU alumnus T. Boone Pickens, significantly increasing their impact.

Oklahoma State's School of Architecture has been educating students since it was created in 1909. The School of Architecture prepares future architects and architectural engineers to make vital contributions to humanity through the creation of architecture. The school focuses its unique combination of accredited programs in architecture and architectural engineering to prepare and inspire students for the professional leadership roles required to shape the physical environment. OSU students graduate with an understanding of the positive impact they can have on the social, economic and cultural qualities of life in Oklahoma and internationally. The School of Architecture instills in each individual a sensitivity to human needs, a genuine concern for quality, integrity and high ideals, a positive attitude for life-long learning, and an appreciation for one's own self-esteem.

The Centennial Professorship in Architecture and Architectural Engineering will encourage excellence in teaching and scholarship in the School of Architecture at OSU. Funds will allow the program to attract and retain the best and brightest academic minds in the world that will shape the education of OSU students impacting the world through their profession.

CENTENNIAL PROFESSORSHIP IN ENGINEERING – A

C.S. Cho

C.S. Cho grew up and graduated high school in Seoul, South Korea, before coming to Stillwater, Okla. He arrived in 1954 to study at Oklahoma A&M's College of Engineering, Architecture and Technology. He graduated in 1958 with a Bachelor of Science in civil engineering and followed that with a master's degree in structural engineering from Kansas State University.

After completing his studies, Cho began his career as a professional engineer at Allied Chemical Corp and Parson Corp prior to his 26-year tenure as President, CEO and Director to the Chairman for Seoul-based Hanil Construction Company. Since 1992, Cho has been Chairman of Hopewell International Inc. and Gateway Industries & Associates in Atlanta, Ga.

Cho has received many honors recognizing his career achievements including the Medal of the Crown from the Kingdom of Belgium, the Presidential Achievement Award from Korea and has been inducted into the OSU College of Engineering Hall of Fame and the OSU Hall of Fame.

In 1988, Cho chose to make a gift that will continue the legacy of impactful teaching he experienced while at Oklahoma State. His gift established the Centennial Professorship in Engineering-A, which exists today as a testament to Cho's belief in the value of education.

Chairholder
Prabhakar Pagilla

Prabhakar Pagilla, professor in the School of Mechanical & Aerospace Engineering at Oklahoma State University, holds the Centennial Professorship of Engineering-A.

At Oklahoma State, Pagilla has consistently excelled in his role as professor. In 2002, he was awarded the Halliburton Outstanding Young Faculty Award, and in 2010, he received the Halliburton Outstanding Faculty Award. Through course offerings in the dynamic systems and control areas, he strives to provide students with a solid understanding of the fundamentals, practical applications of the developed theories, and recent research developments in the field. He has been involved in teaching a variety of courses in the systems and control areas as a professor at OSU and as a graduate teaching assistant during his time at the University of California, Berkeley. Additionally, he has been instrumental in developing and modifying a number of systems and controls courses at both the undergraduate and graduate level at OSU.

Driven by a strong interest in studying and understanding practical engineering problems, Pagilla focuses his research in the area of dynamic systems and controls with applications to large scale complex systems, roll-to-roll manufacturing, computer disk drives, multiple autonomous vehicles, robotics, and mechatronics. He has substantial interaction with industry, and his research almost always involves cross-disciplinary teamwork as well as a good mix of theory and experiments. Pagilla's research contributions have been documented in 43 journal publications, two book chapters, two patents, and 81 conference publications.

Prior to his arrival at OSU as an assistant professor in 1996, Pagilla worked in the Department of Mechanical Engineering at Berkeley as a graduate student instructor and researcher. His bachelor's degree is in mechanical engineering and came from Osmania University in Hyderabad, India. Both his master's and doctoral degrees in mechanical engineering were achieved at the University of California, Berkeley.

CENTER FOR INNOVATION & ECONOMIC DEVELOPMENT CHAIR IN SENSOR TECHNOLOGY

Center for Innovation & Economic Development

Oklahoma State University's Center for Innovation and Economic Development (CIED) connects the University with business and government, transforming vision into reality for Oklahoma's future and growth. CIED supports local and regional initiatives across the state's industry sectors using their proven PROF system: Partnerships, Resources, Outreach and Financial investments.

CIED is uniquely positioned to serve as a magnet to draw extensive resources from diverse business, government and university organizations, a catalyst to spur them to action and a navigator to provide direction and the promise of a destination. CIED delivers a model for land-grant Institutions seeking to define a 21st century role in the economies of their states to rival the significance of their 20th century accomplishments. Oklahomans look to OSU for innovations to meet today's new challenges with research from world-class faculty that leads to new enterprises, dynamic collaborations that result in economic development, and creative solutions that translate into a higher quality of life across the state. CIED serves Oklahoma State's commitment to economic development through sharing university know-how that creates jobs and wealth for the citizens of Oklahoma.

Having created the Center for Innovation & Economic Development Chair in Sensor Technology in 2008, CIED has demonstrated a dedication to attracting the country's leading sensor researchers who then serve to attract outstanding graduate and post-doctoral students whose efforts and research culminate to bolster economic development in Oklahoma. Qualifying for matching gifts from the Oklahoma State Board of Regents and OSU alumnus T. Boone Pickens, CIED laid the groundwork for a legacy of engineering excellence at our University and throughout the state.

CONSTRUCTION MANAGEMENT ADVISORY BOARD CHAIR

Construction Management Advisory Board

The Construction Management Technology Department has historically partnered with the construction industry through the Industry Advisory Council. In 2002, the Industry Advisory Council was formalized with the adoption of Construction Management Advisory Board bylaws, which stated a purpose and established the structure of the CMAB.

The group's purpose is to: promote and improve the construction profession by education and development of the body of construction knowledge; advance and support the highest quality faculty, educational facilities, and undergraduate and graduate programs for the students enrolled in the Department of Construction Management Technology; provide liaison between the construction industry and the Department of Construction Management Technology; provide funding and speakers for Industry Week and develop and implement innovative programs that will benefit the Department of Construction Management Technology and the construction industry; and, through the active participation of the construction industry, the CMAB shall offer advice, counsel and provide vision for the Department of Construction Management Technology.

Over the last 10 years, membership has grown to more than 40 members, both individuals and companies, who represent the construction industry. The CMAB is directly responsible for sponsoring and presenting the annual Construction Industry Week, has financed special needs for CMT, has endowed the CMAB chair, has endowed the CMAB legacy scholarship, and is currently raising funds for an Alumni Professorship. But most importantly, the CMAB provides guidance to CMT and hires CMT graduates.

The CMT program at OSU would not be what it is today without the support and guidance of the Construction Management Advisory Board. Many alumni and industry partners have impacted the program through their time, talents and treasure. Their commitment to excellence is an example to all students at Oklahoma State, as well as the OSU community.

Chairholder
Dana Hobson

Dana Hobson is the Construction Management Advisory Board Chair and serves as the department head, and as a professor, in the School of Construction Management Technology at Oklahoma State University.

Hobson has worked at OSU since 1996 where he began as an associate professor after instructing at the University of Kansas since 1993. In addition to his work in academia,

Hobson has held many professional construction positions, including: Vice President, Bulk Material Handling Division of Wilson Constructors, Inc. and Co-Founder/President of Coronado Engineering, Inc., both in Salina, Kan. Registered as a professional engineer in Oklahoma, Hobson holds contractor's licenses in Florida, California, and Louisiana. Among his scholarly interests and expertise are construction estimating, construction finance, forensic analysis of building failures, and project management in modern project delivery systems.

Hobson has had a far-reaching impact on Oklahoma State's Construction Management Technology program as he has transformed the school by successfully implementing an enrollment management program while increasing the number of endowed scholarships available for CMT students. Additionally, he dedicates time to advising both the AGC Student Chapter and Sigma Lambda Chi.

Outside of his academic responsibilities, Hobson has worked on the Construction Manager Selection Committee as well as the Services Selection Committee for many Oklahoma State University building and facility projects, and he was the head of the building committee for Lakeview Church in Stillwater, where he serves as a small group and senior ministry leader.

Having earned his Bachelor of Science in physics in 1969 from Baker University in Baldwin City, Kan., Hobson went on to earn two masters degrees – the first in physics from Kansas State University in 1971 and the second from the University of Kansas in architectural engineering in 1994. Two years later, he earned his doctoral degree in civil engineering, also from the University of Kansas.

CONTINENTAL RESOURCES CHAIR IN PETROLEUM ENGINEERING

Continental Resources

Continental Resources is a Top 10 petroleum liquids producer in the United States and the largest leaseholder in the nation's premier oil play, the Bakken Play of North Dakota and Montana. Based in Oklahoma City, the company also has a leading presence in the Anadarko Woodford Play of Oklahoma and the Red River Units Play of North Dakota, South Dakota and Montana. Founded in 1967, Continental's growth strategy has focused on crude oil since the 1980s. The company is on track to triple production and proved reserves from 2009 to 2014.

From health to arts to education, Continental invests in programs and events that enhance the lives of their employees, families and neighbors. In 2008, the company donated $1 million to create the Continental Resources Chair in Petroleum Engineering at OSU. The endowment serves to encourage excellence in teaching and scholarship in the College of Engineering, Architecture and Technology. This gift qualified for matching funds from the Oklahoma State Regents for Higher Education and OSU alumnus T. Boone Pickens, multiplying its impact on the future of petroleum engineering and our state's energy industry.

DALE F. JANES PROFESSORSHIP IN FIRE PROTECTION & SAFETY TECHNOLOGY

Dale F. Janes

Born in De Queen, Ark., Dale Janes has had a great impact on Oklahoma State's School of Fire Protection and Safety Technology. After serving as an aviation electronics technician's mate in the United States Navy Reserve from 1944 to 1946, Janes enrolled in Oklahoma A & M College to study engineering. He graduated with his Bachelor of Science degree in industrial engineering and management in 1950 – the same year he married the light of his life, Betty Jo Penney. The couple's one son, Nolen Janes, was born three years later.

Following a 10-year career with International Paper Co. and 11 years at Texas Instruments, Janes became a faculty member at OSU's School of Engineering Technology. He developed courses in safety, health and security that would lead to the creation of a baccalaureate degree in the Fire Protection Department.

Janes created and taught six new courses in occupational safety and health with six students graduating with Bachelor of Science degrees in 1974. Janes was the chair of the program until 1981, and in his 10-years of service, he developed a two-hour Principles of Supervision course, which he later converted into a video lecture series. One of the first of its kind, the series was taught for several years.

In June of 2008, the Dale F. Janes Professorship in Fire Protection and Safety Technology was created in his honor and funded by the largest group of donors to ever give to a professorship at OSU. The fund was established to encourage excellence in teaching and scholarship, similar to that which Janes exhibited during his time at OSU. The Janes Professorship qualified for a dollar-for-dollar match by the Oklahoma State Regents for Higher Education and OSU alumnus T. Boone Pickens, significantly increasing its impact.

DONALD AND CATHEY HUMPHREYS CHAIRS

Donald and Cathey Humphreys

Don and Cathey Humphreys were married in 1970. Cathey earned a Bachelor of Science in business education from the University of Oklahoma that same year. Don earned a Bachelor of Science in industrial engineering and management from Oklahoma State University in 1971. Following his service in the U.S. Army, Don obtained an M.B.A. from the Wharton School of the University of Pennsylvania.

Don and Cathey have three daughters, Megan, Melissa and Mary. In 1976, Don joined Exxon Chemical Company and his several assignments and promotions took him around the world. In 1993, the Humphreys family moved to Kuala Lumpur, Malaysia, for three years. This was the first international experience for their daughters and it would prove to be a life-changing opportunity for their family, eventually leading the Humphreys' support of Oklahoma State's Study Abroad Program.

Don was named vice president and treasurer of Exxon Mobil Corporation in 2004. He was later elected senior vice president and treasurer and also joined the corporation's management committee. Don serves as a trustee of the Oklahoma State University Foundation and was inducted into the OSU Alumni Hall of Fame in 2010. In addition, Oklahoma State named Don and Cathey, Henry G. Bennett Distinguished Fellows.

The Humphreys are passionate philanthropists who are committed to higher education as evidenced by the many endowed scholarships, programs and chairs they have established. Two such examples are the Donald and Cathey Humphreys Chair in Industrial Engineering and Management and the Donald and Cathey Humphreys Chair in the College of Engineering, Architecture and Technology, each of which were created in 2008. Their gift qualified for a match by the Oklahoma State Regents for Higher Education and OSU alumnus T. Boone Pickens, increasing its impact and creating a legacy of engineering excellence at Oklahoma State.

EDWARD JOULLIAN ENDOWED CHAIR IN ENGINEERING

Edward Joullian

Edward C. Joullian III graduated from Oklahoma A&M College, now Oklahoma State University, in 1951 with a Bachelor of Science degree in mechanical engineering.

His career as a natural gas engineer was interrupted by a tour of duty in Korea with the U.S. Army, where he commanded a petroleum products laboratory unit. He returned to Oklahoma City in 1953, joining his father at Mustang Fuel Corporation. He was named chairman, CEO and president of Mustang in 1964. Through his leadership, Mustang grew into and remains a leader in the natural gas and natural gas liquids industry. He continued to serve as chairman until his death in 2006.

Throughout his life Joullian received many awards and honors, including being named to the OSU College of Engineering, Architecture and Technology Hall of Fame in 1984.

In 2008, Mustang Fuel Corporation made a gift to establish the Edward Joullian Endowed Chair in Engineering at Oklahoma State, honoring the legacy of their longtime leader by providing vital faculty support to his alma mater. This gift also qualified for matching gifts from the Oklahoma State Board of Regents and OSU Alumnus, T. Boone Pickens.

Mustang Fuel Corporation

Established as Westoc Oil & Gas Company in 1949 by E.C. Joullian II, Mustang Fuel Corporation entered the pipeline business to supply natural gas to an electric generating station near Mustang, Okla. During the next five decades, Mustang evolved as one of the Mid-continent's leading independent oil and gas companies.

Mustang Fuel Corporation began its exploration and production efforts in 1971 with a successful well completion in LeFlore County, Okla. In the following 30-plus years, Mustang has participated in more than 1,800 wells across several states and is the current operator of over 200 properties. It also owns non-operated interests in more than 700 other properties and controls more than 50,000 net acres of undeveloped leasehold throughout its areas of interest.

Chairholder

Sundararajan Madihally

Sundararajan Madihally is an associate professor, Edward Joullian Endowed Chair in Engineering, and the Chemical Engineering Graduate Program Coordinator at Oklahoma State University.

Madihally has excelled in his roles as educator and advisor, as evidenced by his numerous awards and recognitions. Included among these are Undergraduate Student Teacher of the Year in Chemical Engineering; Graduate Teacher of the Year in Chemical Engineering; Advisor of the Year from CEAT; Advisor of the Year from OSU; and Advisor of the Year from National American Institute of Chemical Engineers (AICHE). During his time as the advisor to the AICHE student chapter for seven years, the chapter received the Outstanding Student Chapter Award every year. Madihally organized/advised the chem-e-car contest for eight years, participating in the national contest every year. Currently, he advises the new Chemical Engineering Graduate Student Association. Under his supervision, five students have received doctoral degrees and 12 students earned master's degrees. He is presently mentoring three doctoral and two master's students.

With research interests focused on understanding the cell-material interactions in 3D synthetic scaffolds and developing therapies and methods of delivering therapies (oral, or transdermal), Madihally has attracted more than $3 million in research funds. Additionally, Madihally has served as a member of the international editorial boards of *Biomaterials Journal*, *The Scientific World Journal*, the *Open Biomaterials Journal* and *Journal of Biotechnology and Biomaterials*. He has acted as reviewer for more than 70 journals and on proposal review panels for various organizations. Madihally has published a textbook "Principles of Biomedical Engineering" along with 52 peer-reviewed articles and is currently writing one more textbook and seven more manuscripts.

Madihally received his Bachelor of Science degree in chemical engineering from Bangalore University in India followed by a diploma in export management from the Indian Institute of Export Society, and both his M.S. and Ph.D. in chemical engineering from Wayne State University.

GORMAN GILBERT, BERT COOPER AND W&W STEEL CHAIR IN CIVIL AND ENVIRONMENTAL ENGINEERING

William "Bert" Cooper

In 1951, Bert Cooper graduated from Oklahoma A&M, now Oklahoma State University, and began his career by accepting a position with W&W Steel. He began in the City Sales Department and rose through the ranks to become CEO and chairman of the board. Along with his son, Rick, he acquired W&W Steel in the '90s, and in 2002 they purchased AFCO Steel, creating one of largest structural steel companies in the United States. Bert was a nationally recognized leader in the industry and was respected and loved by his customers, competitors, and employees alike.

Throughout his career, Bert had the privilege to work on a number of notable projects including: Dallas Cowboys Stadium, The New York Times Building, The 9-11 Memorial Pavilion, B-2 Stealth Bomber Assembly Building and Mandalay Bay Hotel & Convention Center. He also placed a great emphasis on his involvement in civic interests, as seen in his participation as vice chairman of the MAPS Oversight Committee; chairman of the Oklahoma City Parks Commission; board member of the Myriad Gardens Authority; board member of the Lake Hefner Trails; and board member of the Oklahoma City Riverfront Redevelopment Authority.

Bert had enormous respect for OSU's Gorman Gilbert's substantial abilities in his field. Secondly, Bert recognized that the college was one of OSU's great strengths and wanted that success to continue for generations of students at OSU. As he often said, OSU's College of Engineering graduates are "a great product!" This led to the creation of the Gorman Gilbert, Bert Cooper and W&W Steel Chair in Civil and Environmental Engineering in 2006, a gift that qualified for a dollar-for-dollar match from the Oklahoma State Regents for Higher Education.

Chairholder
Kelvin Wang

Kelvin Wang is a professor and Gorman Gilbert, Bert Cooper, W&W Steel Chair of Civil Engineering in the College of Engineering, Architecture& Technology at Oklahoma State University.

Wang's career in education began in 1993 at the University of Arkansas where he taught in the civil engineering department as well as the Department of Computer Systems and Engineering. He was also a visiting professor at Hong Kong Polytechnic University in 2002 and 2003. Since 2011, Wang has held the title of professor and Gilbert, Cooper, W&W Steel Chair of Civil Engineering, an endowed chair position at Oklahoma State.

Respected among his peers, Wang's research and performance were recognized by the American Society of Civil Engineers (ASCE) when they presented him with the Frank M. Masters Transportation Engineering Award in 2011 for his innovative research on automated pavement survey and data analysis technologies. Previously, he received the Halliburton Outstanding Research Award in 1994 from the University of Arkansas' College of Engineering.

Wang's areas of study and research include optimization techniques for pavements and infrastructure management systems. Projects he has worked on include automated imaging for pavement surface characteristics and intelligent computing for infrastructure management, just to name a few.

An active member of ASCE, Wang has held the title of Chairman of the Committee on Advanced Technologies, Urban Transportation Division since 1999. Along with his former and current roles as editor for various journals, Wang has been an active member on several national committees and is responsible for numerous publications and innovative research projects – all evidence of his unique qualifications.

He received his Bachelor of Science degree in transportation engineering from Southwest Jiaotong University in Chendgdu, China in 1983. In 1986 he completed his master's in transportation engineering from Beijing Jiaotong University in Beijing, China, and in 1992 he earned his doctoral degree in civil engineering from Arizona State University.

HALLIBURTON PROFESSORSHIP IN ENGINEERING

Halliburton

Since its founding in 1919, Halliburton has continuously focused on innovation and expansion in the oil and gas industry. After borrowing a wagon, a team of mules and a pump, founder Erle P. Halliburton built a wooden mixing box and started an oil well cementing business in Duncan, Okla. In the 1930s, Halliburton established its first research laboratories and performed its first offshore cementing job in the Creole Field in the Gulf of Mexico. This was the beginning of what was to become the world's most extensive offshore service.

Today, Halliburton offers the world's broadest array of products, services and integrated solutions for oil and gas exploration, development and production. With nearly 70,000 employees in approximately 80 countries, the company serves the upstream oil and gas industry throughout the lifecycle of the reservoir – from locating hydrocarbons and managing geological data, to drilling and formation evaluation, well construction and completion, and optimizing production through the life of the field.

At Halliburton, devoting time and resources to charitable causes where its employees live and work is central to its corporate culture. Halliburton strives to make a heartfelt difference in the 80 countries around the world where it operates. This includes supporting communities throughout Oklahoma.

In 2008 the Halliburton Professorship in Engineering was established at Oklahoma State University in order to encourage excellence in teaching and scholarship. This professorship has provided support for faculty, students, research, conference participation and curriculum development, contributing to the success and reputation of Oklahoma State's College of Engineering Architecture & Technology.

Chairholder
Charles Bunting

Charles Bunting is a professor and holds the Halliburton Professorship in Engineering in Oklahoma State University's College of Engineering, Architecture & Technology. Bunting's vast experience includes time spent at the Naval Aviation Depot in Norfolk, Va., as an apprentice, an electronics mechanic, and an electronics measurement equipment mechanic from 1981-1989. Prior to joining the Oklahoma State faculty as an associate professor in the fall of 2001, Bunting served as an assistant/associate professor at Old Dominion University in the Department of Engineering Technology from 1994 to 2001. There he worked closely with NASA Langley Research Center on electromagnetic field penetration in aircraft structures and reverberation chamber simulation using finite element techniques. From 1991-1994, Bunting held a Bradley Fellowship and a DuPont Fellowship, and in 1994 he was awarded his doctoral degree in electrical engineering from Virginia Tech.

Using computational and experimental methods to examine the statistical characterization of fields in reverberation chambers, Bunting focuses his broad research on electromagnetic modeling and microwave measurements, involving the analysis of reverberation in the area of high intensity radiated fields. Among his chief interests are fundamental variational principles and computational electromagnetics; statistical electromagnetics; electromagnetic characterization and application of reverberation chambers; and the analysis of optical and microwave structures using numerical methods including finite element techniques. Bunting is also interested in material characterization in the high frequency and microwave regime (500 MHz - 94 GHz) as well as the interaction of biological systems and electromagnetic fields.

After receiving his A.A.S. in electronics technology from Tidewater Community College in 1985, he went on to obtain his Bachelor of Science degree in engineering technology with highest honors from Old Dominion University in 1989. His schooling then took him to Virginia Polytechnic Institute and State University (Virginia Tech) where, in 1992, he earned his master's degree in electrical engineering.

HAROLD COURSON CHAIR IN PETROLEUM ENGINEERING

Harold D. Courson

Following his graduation from Pampa (Texas) High in 1952, Harold Courson went on to study at Oklahoma A&M, now Oklahoma State University, before leaving to help his uncle Lonzell Kennemer in the oil drilling business. In the early 1960s he started Courson Oil and Gas by buying into oil and gas wells. He located the company in Perryton, Texas, and it has since become a Panhandle leader in oil and gas exploration with about 60 employees.

His dedication to philanthropy and service can be seen in a number of his honors including Texas Plains Society's 1998 Philanthropists of the Year with his wife, Joyce, Perryton; Citizen of the year; the Seven Who Care Award; and Perryton's Gold Star Citizen award. He has also been involved in the National Petroleum Council, Amarillo Area Foundation and the Don and Sybil Harrington Cancer Center. In addition to these roles, he has given back to his local and professional communities by serving as Perryton mayor from 1974 to 1980, chairman of the Panhandle Regional Planning Commission, president and director of the Panhandle and Royalty Owners Association and on the Independent Oilmen's Committee for the World Oil and Gas Show.

Through the years, the Coursons has been avid supporters of Oklahoma State academics and athletics. Perhaps their most impactful contribution came in 2008 when they created the Harold Courson Chair in Petroleum Engineering with the purpose of encouraging excellence in teaching and scholarship in Petroleum Engineering at OSU in order to benefit the future of this industry through education. With a gift that qualified for matching funds from the Oklahoma State Board of Regents and OSU alumnus T. Boone Pickens, the Coursons have helped to ensure a bright future for OSU, our students and the oil and gas industry.

HENRY AND SHIRLEY BELLMON CHAIR IN OPTOELECTRONIC SYSTEMS

Henry and Shirley Bellmon

A governor of Oklahoma and U.S. Senator, Henry Louis Bellmon was born on a farm near Tonkawa, Okla. in 1921. Following graduation from Billings High School, he enrolled at Oklahoma A&M College, now Oklahoma State University. Preferring the outdoors to class work, he took the maximum course load to graduate a semester early in January 1942 with a degree in Agronomy. In 1942 he entered the U.S. Marine Corps, serving during World War II as a first lieutenant. Awarded the Legion of Merit for his efforts on Saipan, he received the Silver Star for his valiant performance on Iwo Jima.

After the war he returned home, decided to enter politics and won the 1946 election for the Oklahoma House of Representatives seat for Noble County. While in the legislature, he married Shirley Osborn who also attended Billings High School and Oklahoma A&M College, and they had three daughters—Patricia, Ann and Gail. Shirley quickly became active in politics with a focus on state beautification, arts and crafts, or "Made in Oklahoma," the Main Street Project and an anti-drug campaign. Henry went on to be Oklahoma governor twice, serve on President Richard Nixon's campaign, teach at OSU and serve two terms in the U.S. Senate.

He was instrumental in creating Oklahoma's endowed chairs program for higher education, providing for state matched gifts to college endowments. This promoted higher education and led to the creation of the Henry and Shirley Bellmon Chair in Optoelectronic Systems at OSU.

Mr. Bellmon once said, "as world situations become more complex, those who serve best will be the ones who understand the root of problems and can develop solutions. I can't think of anything more important for a university than a reputation for building scholars."

Chairholder

Daniel Grischkowsky

Daniel Grischkowsky is a Regents Professor and the Henry & Shirley Bellmon Chair in Optoelectronic Systems in Oklahoma State University's School of Electrical and Computer Engineering. After earning his Bachelor of Science degree at Oregon State University in general science in 1962, he went on to obtain both his master's and doctoral degrees in physics from Columbia University in 1965 and 1968, respectively.

Grischkowsky's career has provided him with experience in academia as well as industry, spending time as a research associate at Columbia University and holding management positions at IBM Watson Research Center. Highly respected in his field of study, he is a fellow of the American Physical Society, the Optical Society of America, and the Institute of Electrical and Electronic Engineers. Among his many honors and recognitions, in 1985 he was awarded The Boris Pregel Award for Applied Science and Technology by The New York Academy of Science for his development of the optical fiber pulse compressor.

While at OSU, Grischkowsky's work has concentrated on unique applications of THz-TDS, including determining the nature of conductivity in semiconductors, THz characterizations of transmission lines and waveguides, and THz impulse scale ranging. He has developed and

demonstrated waveguide THz-TDS, which utilizes THz spatial confinement to sub-wavelength dimensions together with long propagation lengths to enable the measurement of extremely thin films within the waveguide. Among his most recent work has been the discovery of a powerful THz line-narrowing effect for microcrystalline organic films.

Grischkowsky's research has resulted in 158 peer-reviewed journal publications with 8,787 citations. Of his numerous publications, 24 have been cited more than 100 times while 3 have been cited more than 350 times. His work has been featured in 167 invited talks at conferences, universities, national laboratories, and research centers and he has been awarded six U.S. patents.

JIM AND LYNNE WILLIAMS PROFESSORSHIP IN ENERGY TECHNOLOGIES

Jim and Lynne Williams

Jim and Lynne Williams have been married for 30 years. Jim grew up in Ardmore, Okla. and Lynne grew up in Gainesville, Texas. Jim is a graduate of CEAT with a degree in mechanical engineering from OSU. Lynne graduated with a pharmacy degree from South Western Oklahoma State University. Jim and Lynne have two children, Dan and Katherine, who are both OSU graduates. Dan earned his Bachelor of Science from OSU in civil engineering in 2008 and Katherine graduated with a bachelor's degree in nutritional sciences in 2010 and recently received a nursing degree from Oklahoma City University.

Jim has been the Vice President for Phoenix PetroCorp, Inc. for the past 18 years. Prior to that he spent 13 years at ARCO. Today his Texas-based company operates mineral and mining properties in West Texas, Kansas and Oklahoma, and employs more than two dozen people.

Oklahoma State is more than just a tradition for the Williams family; they have also generously supported the University through service and gifts to OSU. Jim serves on the OSU Foundation Board of Governors and is a member of the College of Engineering, Architecture and Technology Campaign Committee. The Williamses have supported various academic and athletic programs for more than a decade, including scholarships, fellowships, professorships and the Cowboy Excellence Fund.

In 2008, the couple created the Jim and Lynne Williams Professorship in Energy Technologies. This donation qualified for a dollar-for-dollar match by the Oklahoma State Regents for Higher Education and OSU alumnus T. Boone Pickens, significantly increasing its impact. Through the creation of this professorship, the Williamses hope to encourage research dedicated to improving energy conservation, developing new sources of energy and improving ways to extract more conventional energy. The couple resides in Frisco, Texas.

JOHN BRAMMER ENDOWED PROFESSORSHIP IN MECHANICAL AND AEROSPACE ENGINEERING

John Brammer

John Brammer grew up in Pryor, Okla., before graduating from Oklahoma State University in 1965 with a mechanical engineering degree. He later earned a master's in mechanical engineering from the University of New Mexico and spent more than 30 years at Sandia National Laboratories, a government-owned/contractor-operated facility that develops science-based technologies supporting national security.

Among his many projects was an isotopic power generator used to power lunar surface equipment packages on the Apollo 12, 13 and 14 missions. He also worked on the design of a mobile helium cooling loop system for use in Sandia's various nuclear reactor safety experiments. Another focus was improving solar energy conversion efficiency and quality control for microelectronic components. He presented a paper on elevated-temperature elastic modulus properties of aluminum at the Society for Experimental Stress Analysis in May 1970. That December, a presentation was made at the American Physical Society concerning his experiments analyzing the shock response of heated aluminum.

In his spare time and eventual retirement, he enjoyed outdoor activities—cross-country skiing, spelunking in the lava tubes in western New Mexico, mountain climbing in the French Alps near Chamonix, hiking to see the Incan ruins of Machu Picchu in Peru and touring Germany, Greece and the Holy Land.

Brammer also loved his alma mater. Following his unexpected passing in May 2008, a portion of his estate was bequeathed to OSU's School of Mechanical and Aerospace Engineering. His gift's far-reaching impact on the school and its students is magnified by matching funds from OSU Alumnus T. Boone Pickens, establishing the John Brammer Endowed Professorship in Mechanical and Aerospace Engineering in 2010.

Chairholder

Afshin J. Ghajar

Afshin J. Ghajar is a Regents Professor, John Brammer Endowed Professor, and Director of Graduate Studies in the School of Mechanical and Aerospace Engineering at Oklahoma State University. Additionally, he has received the distinction of Honorary Professor at Xi'an Jiaotong University, Xi'an, China. He received his B.S., M.S., and Ph.D. all in Mechanical Engineering from Oklahoma State, and his expertise is in experimental heat transfer/fluid mechanics and development of practical engineering correlations.

His current research is in two-phase flow heat transfer/pressure drop studies in pipes with different orientations; heat transfer/pressure drop in mini/micro tubes; and heat transfer/pressure drop in the transition region (plain and enhanced tubes). Ghajar has been a Summer Research Fellow at Wright Patterson AFB (Dayton, Ohio) and Dow Chemical Company (Freeport, Texas). He and his co-workers have published more than 200 reviewed research papers while he has delivered numerous keynote and invited lectures at major technical conferences and institutions. Ghajar's research in "Two-Phase Flow" and "Heat Transfer and Pressure Drop in the Transition Region" has been featured in the recent edition of the *Engineering Data Book III* of Wolverine Tube, Inc. He has been the author/co-author of seven book chapters, and has developed three interactive/visual educational software packages.

He has received several outstanding teaching/research/service awards, including Fellow of the American Society of Mechanical Engineers (ASME); Heat Transfer Series Editor for CRC Press / Taylor & Francis (he has edited five books to date); and editor-in-chief of "Heat Transfer Engineering," an international journal published fifteen times per year by Taylor and Francis. Ghajar is also the co-author of the "4th Edition of Cengel and Ghajar, Heat and Mass Transfer – Fundamentals and Applications", McGraw-Hill, February 2010.

JOHN HENDRIX CHAIR IN ENGINEERING

John H. Hendrix

John Hendrix graduated from high school at Gillham, Ark., and attended Eastern Oklahoma A&M, now Eastern Oklahoma State College, where he received an Associate in Science degree in 1956. He then went on to attend Oklahoma State University in Stillwater where he would earn his Bachelor of Science in Mechanical Engineering (Petroleum Option) in 1958, and his Master of Science in Mechanical Engineering in 1960.

While attending college, Hendrix worked summers for Empire Geo-physical, Inc. and Continental Oil Company as a pulling unit hand, roustabout and geophysical computer analyst in Wewoka and Lea County, N.M. In 1964 he joined Texas Pacific Oil Company as District Petroleum Engineer in Midland, Texas, and in 1967 entered private business in natural resource development and as a consulting Petroleum Engineer.

On December 31, 1976, he became President of the John H. Hendrix Corporation. Since that time he has served on a number of boards and is currently Chairman of the Board of First National Security Company, DeQueen, Ark.; Chairman and President of John H. Hendrix Corporation, Midland, TX; Chairman of the Board of Directors, First National Bank, DeQueen; Chairman of the Board of Directors, First National Bank of Howard County, Dierks, AR; Chairman of the Board of Directors, Bank of Ashdown, N.A., Ashdown, Ark.; and Member of the Board of Directors, Citizen's National Bank, Nashville, Ark.

In June of 2008, with a gift that qualified for matching funds from the Oklahoma State Board of Regents and OSU alumnus T. Boone Pickens, Mr. Hendrix established the John Hendrix Chair in Engineering with the purpose of encouraging excellence in teaching and scholarship at Oklahoma State University, benefitting the College of Architecture, Engineering and Technology.

Chairholder

James "Rob" Whiteley

Rob Whiteley, the John Hendrix Chair in Engineering, originally joined the faculty at Oklahoma State University in 1991 as the R.N. Maddox Associate Professor of Chemical Engineering.

Upon receiving his Bachelor of Science degree in chemical engineering from Oklahoma State in 1977, Whitely worked in the process and energy industries, primarily with Exxon Chemicals on the Gulf Coast. He then decided to pursue a career in academia and attended Ohio State University where he earned his Ph.D. in Chemical Engineering in 1991.

Whitely has previously been honored with the Regents' Distinguished Teaching Award, recognizing his commitment to student development, and has been a co-instructor in the chemical engineering capstone design courses during most of his tenure at OSU. During this time, OSU student teams have won the American Institute of Chemical Engineers National Student Design Competition five times and received honorable mention twice. He has been an advisor to two student organizations and works closely with OSU's Office of Scholar Development.

Leveraging his prior experience in industry, Whiteley has focused his research interests in the areas of process control, fault detection, optimization, process safety, biofuels and mass transfer (distillation/absorption). He has more than 60 publications and presentations, and his current work involves collaborations with Fractionation Research, Inc., the world-recognized experts in industrial-scale distillation research. He is also completing construction of a farm-scale bioethanol dewatering research and demonstration facility as a component of OSU's highly-successful bioenergy research program.

Whiteley has extensive consulting experience, having worked closely with ConocoPhillips' advanced automation group. Additionally, he is a registered professional engineer

in two states, and his professional memberships include the American Institute of Chemical Engineers, American Chemical Society, and American Society for Engineering Education. He serves on the national committee responsible for the chemical engineering portion of the Fundamentals of Engineering Examination.

L. ANDREW MACIULA TEACHING PROFESSORSHIP IN ENGINEERING

L. Andrew Maciula

L. Andrew Maciula graduated from Oklahoma A&M College, now Oklahoma State University, in 1938 with a bachelor's degree in mechanical engineering. He returned to Oklahoma A&M in the fall of 1938 as an instructor until February 1941, at which time he was employed by the Ordinance Department of the U.S. Army. He served as plant engineer during World War II and received the Outstanding Service Award from the Chief Ordinance for his contribution to the war effort.

Maciula returned to A&M in 1947 as assistant professor of industrial engineering. In 1948, he left to become the assistant to the manager of engineering at Phillips Petroleum Company. In September 1968, Mr. Maciula was summoned back to Oklahoma State where he would serve as director of the school of Mechanical and Aerospace Engineering's laboratories for 12 years before retiring in 1981.

A registered professional engineer in New York, Texas, and Oklahoma, he was a member of the American Rocket Society and American Public Works Association. At OAMC he was a member of honorary fraternities, Phi Eta Sigma, Pi Tau Sigma, Sigma Tau and Blue Key and was elected honorary member of Sigma Phi Epsilon. He was also active in the Center for Local Government Technology and served as director of extension and associate director until his retirement in 1981.

Along with his wife, Reba, Mr. Maciula was a devoted supporter of Oklahoma State. Throughout their lives they funded many scholarships and they took great joy in meeting with and learning about their scholarship recipients. In 1997 they extended their generosity to include the creation of the L. Andrew Maciula Teaching Professorship in Engineernig. This gift qualified for a dollar-for-dollar match from the Oklahoma State Regents for Higher Education, ensuring his legacy will live on for generations on the OSU campus.

Chairholder
Daniel Fisher

Daniel Fisher is a professor and holds the L. Andrew Maciula Teaching Professorship in Engineering in Oklahoma State University's College of Engineering, Architecture and Technology.

Prior to joining the OSU faculty, Fisher worked as a senior research engineer at the University of Illinois at Urbana-Champaign. In 1999, he came to OSU as an assistant professor in the School of Mechanical and Aerospace Engineering where he has worked since.

Fisher is a recipient of the Regents Distinguished Teaching Award and has mentored more than 20 graduate students and many undergraduate students during his tenure at Oklahoma State. He is a member of the Society of Automotive Engineers, served for nine years as the advisor to the OSU Formula Racing Team, and currently serves as the advisor to the ASHRAE Student Branch. He enjoys teaching thermodynamics, heat transfer and thermal systems and has developed courses in energy conversion systems, building heat transfer and building systems simulation.

The principal architect of the EnergyPlus central plant simulation, Fisher has contributed to the development of BLAST and HVACSim+ programs and has directed more than $5 million in research projects sponsored by DOE, DoD, and ASHRAE. These projects include experimental and simulation based investigation of design procedures for unitary air-conditioning equipment; development and experimental validation of low energy system models for EnergyPlus; implementation of EnergyPlus central plant component models; experimental investigation of convective heat transfer in rooms with low energy systems; and development of a building airflow and contaminant transport laboratory.

Fisher has a Bachelor of Arts degree in international business from Carthage College and a Bachelor of Science degree in mechanical engineering from the University of Illinois. In 1989 and 1995, respectively, he earned his master's and doctoral degrees in mechanical engineering, also from the University of Illinois.

LEW AND MYRA WARD CHAIR IN PETROLEUM ENGINEERING

Lew and Myra Ward

Lew and Myra Ward are proud Oklahomans who credit much of their success to education. Lew attended most of high school and junior college at Oklahoma Military Academy, a predecessor institution of Rogers State University on the Claremore campus. Lew graduated in 1950 and went on to earn a degree in petroleum engineering from the University of Oklahoma in 1953. He then joined the U.S. Army and worked as a pipeline engineer in Okinawa, Japan, until 1955. He was a first lieutenant when he was discharged and returned to Oklahoma.

Myra earned her bachelor's degree in geology from the University of Oklahoma. She and Lew were college sweethearts who married when Lew returned from the service. The couple made their home in Enid and had two children, Casidy and Bill. In 1963, Lew founded what would become known as Ward Petroleum Corporation. Today the Wards' highly successful company is involved in virtually every phase of the oil and gas industry.

Throughout the years, Lew has been recognized for his commitment to the petroleum industry and to Oklahoma. In 2010 he was inducted into the Oklahoma Hall of Fame, which added to his growing list of accolades. The Ward family is also known for its philanthropy. They've given generously to education, providing scholarships at RSU, an endowed faculty position at Oklahoma State University and additional funding for Enid Public Schools.

The Lew and Myra Ward Chair in Petroleum Engineering encourages excellence in teaching and scholarship in the College of Engineering, Architecture and Technology at Oklahoma State. The Wards created this position in 2008 and their donation qualified for a dollar-for-dollar match by the Oklahoma State Regents for Higher Education and OSU alumnus T. Boone Pickens, significantly increasing its impact.

Chairholder
Peter Clark

Peter Clark recently joined the Oklahoma State University faculty as a professor and the Samson Investment Company Chair in Petroleum Engineering as well as the Lew & Myra Ward Chair in Petroleum Engineering. His primary assignment is to develop the Petroleum Programs at OSU.

Prior to coming to Oklahoma State, Clark's career included seven years of industrial experience and 32 years in academia focusing on mineral, chemical, and petroleum engineering at Tulsa University and the University of Alabama. His expertise is in hydraulic fracturing, well stimulation, and rheology of petroleum products and production fluids. His research interests are in the area of complex fluid flows. Clark has been actively involved with experimental projects focusing on the flow of non-Newtonian water-based polymer solutions through porous media, the rheology of water soluble polymer solutions, and the flow of slurries into slots.

Clark's honors include being named as the Outstanding Technical Editor for the Society of Petroleum Engineers (SPE), SPE Distinguished Lecturer, and Technical Editor for the *Journal of Petroleum Science and Engineering* and the *SPE Journal*. Clark is widely recognized and well respected in the petroleum industry, and comes highly recommended.

OSU initiated a petroleum engineering minor in 2008 with initial funding from the Sampson Investment Companies and Lew and Myra Ward and matching from T. Boone Pickens, but until now had to outsource several of the key courses. Clark will provide the local expertise to develop and offer classes and will also provide administrative leadership in developing all aspects of the petroleum program at OSU including curriculum structure, research, and hiring additional faculty members.

Clark is an Oklahoma State alumnus, having earned both his bachelor's and doctoral degrees from OSU in 1967 and 1972, respectively.

M.R. LOHMANN PROFESSORSHIP

M.R. Lohmann

M. R. Lohmann was a nationally recognized engineering educator and Dean Emeritus of the Oklahoma State University Division of Engineering, Technology and Architecture, Professor Emeritus of Industrial Engineering and H. G. Thuesen Professor of Engineering Education. Having obtained his M.S. from the University of Pittsburgh and his Ph.D. from the University of Iowa, he served in all academic ranks, including seven years as Vice Dean, before eventually becoming OSU's Dean of Engineering from 1955 until his retirement in 1977. Dr. Lohmann also served as a member of the Executive Committee and Chairman of the Engineering Division of the National Association of State Universities and Land-Grant Colleges and Secondary Schools and as a trustee of the Frontiers of Science Foundation of Oklahoma.

Dean Lohmann was widely respected for his knowledge and expertise, lecturing and leading conferences throughout the nation, consulting with universities and colleges of engineering on operation and administration, administering international assistance programs in Pakistan and Brazil and consulting on programs in Egypt and Peru. He also visited some 65 countries in Asia, Europe, Africa and South America, studying their engineering and technical education programs.

Among his many roles outside of academia, Lohmann served as president and vice president of the Engineers' Council for Professional Development, and president and vice president of the American Society for Engineering Education. As a member of the National Society of Professional Engineers, he won its Engineer of the Year Award in 1971. Since 1991, Oklahoma State has honored his years of dedication by recognizing outstanding CEAT graduates with the Melvin R. Lohmann Medal.

The M.R. Lohmann Professorship was established in 1990, ensuring Dean Lohmann's legacy of engineering excellence will be perpetuated by attracting distinguished faculty to our campus and preparing future generations of students to grow his impact in the field of engineering.

NOBLE FOUNDATION CHAIR IN WEB HANDLING

Samuel Roberts Noble Foundation

The Samuel Roberts Noble Foundation is an independent, nonprofit institute headquartered in Ardmore, Okla. Founded in 1945, the Noble Foundation assists farmers and ranchers and conducts plant science research and agricultural programs to enhance agricultural productivity regionally and around the world. Through its grantmaking program, the Noble Foundation supports community projects and the activities of nonprofit charitable, educational and healthcare organizations.

As a young man in the early 1900s, Lloyd Noble witnessed the value of agricultural production to Oklahoma and its people. However, he also saw the dramatic effects of poor farming practices on the land's fertility and the state's economy. With the help of his mother, who co-signed a $15,000 loan, the 24-year-old purchased his first drilling rig in 1921. He quickly became one of the most successful and respected onshore drilling contractors in the United States.

Noble saw the land as essential to the future successes of Oklahoma and the nation. He understood that the land would continue to be needed long after oil and gas were gone. He established The Samuel Roberts Noble Foundation to address challenges facing agriculture and safeguard the land for future generations. Its early efforts focused on educating and encouraging area farmers and ranchers to practice land stewardship and resource conservation. Lloyd Noble died of a heart attack in 1950 at age 53, but the Noble Foundation continues his legacy of land stewardship, research and philanthropy.

Today, the Noble Foundation enhances agricultural production through its coordinated research programs, which enable the organization to move plant science and agricultural research from the laboratory to the field. The Noble Foundation also remains true to Noble's vision of assisting farmers and ranchers, working with more than 1,500 families through a no-cost consultation program.

Because of its plant science research as well as its agricultural programs, the Noble Foundation has had a long tradition of collaborating with Oklahoma State University to benefit agriculture and its consumers. Noble Foundation scientists collaborate with OSU scientists to conduct important research to advance agriculture. And Noble agricultural consultants continue to work side-by-side with Oklahoma Cooperative Extension to assist and educate Oklahoma agricultural producers.

OSU further has been fortunate to receive substantial grant funding from the Noble Foundation, including the Noble Foundation Chair in Web Handling, which supports a professor who is part of the Web Handling Research Center. This endowed chair position helps to perpetuate the mission of the Noble Foundation–to benefit mankind.

Chairholder

James “Keith” Good

James Good has served at Oklahoma State University since 1980 where he is currently a professor in the School of Mechanical & Aerospace Engineering and holds the Noble Foundation Chair in Web Handling.

As an active researcher since 1986 within Oklahoma State’s one-of-a-kind Web Handling Research Center, Good has established a substantial research program related to the transport of thin media such as paper, films, foils, non-wovens, or buildups thereof through web process machinery. Through his work with the WHRC, Good has performed research in the areas of web wrinkling, winding mechanics, spreading mechanics, and traction as affected by air lubrication. His efforts have helped to establish the WHRC as a vital resource for the web handling community, serving to expand the knowledge base and the transfer of information to industry partners, leading to improved processes and ultimately products.

In addition, Good is the program chair for the International Conferences on Web Handling (IWEB) that have occurred biennially at Oklahoma State since 1991. This influential conference continues to bring researchers and engineers from around the world together to exchange ideas for the development of web handling processes. He is a Fellow of the American Society of Mechanical Engineers, and he serves as a member of TAPPI, from which he was honored with the Thomas Busch Award in 2001 for his research in web handling in support of the paper industry. Good is licensed as a Professional Engineer in the state of Oklahoma. He has authored several publications on topics related to his on going research and in 2007 he co-authored a book on winding mechanics.

Good received his B.S. in mechanical engineering along with his master’s, and doctoral degrees, all from Oklahoma State University, and between degrees he gained valuable experience at Rockwell International and Cessna Aircraft Company.

OGE ENERGY TECHNOLOGY CHAIR

OGE Energy Corporation

From the days of pioneers plowing prairies to the era of creating new energy technology, OGE Energy Corp. has been a proud part of Oklahoma’s growth for more than 100 years. OGE’s subsidiaries are committed to delivering reliable and dependable energy to their customers as trusted energy partners. This is what they call “positive energy together.”

For OGE, that positive energy is sparked by its corporate values, one of which is Public Service – “We give our time and energy to better the communities where we live and work.”

One way that OGE is a proud participant in the communities it serves can be seen in the assistance they provide to teachers and those seeking an education. The OGE Energy Technology Chair was created at Oklahoma State University in 2008 with the purpose of encouraging excellence in teaching and scholarship as well as supporting research, education and outreach in the field of renewable energy.

By qualifying for matching funds from OSU alumnus T. Boone Pickens and the Oklahoma State Regents for Higher Education, the impact of this gift on the College of Engineering, Architecture and Technology has been more than doubled — ensuring Oklahoma State and our graduates will help to shape the future of renewable energy.

PUBLIC SERVICE COMPANY OF OKLAHOMA/ALBRECHT NAETER PROFESSORSHIP IN ELECTRICAL ENGINEERING

Albrecht Naeter

Albrecht Naeter arrived on the Oklahoma A&M campus in 1929 as the head of the Department of Electrical Engineering following a four-year tenure at Michigan State College. Although the department had been ran well prior to his arrival, it thrived under Naeter’s leadership.

Among his many accomplishments, Naeter is credited with helping to pioneer the general engineering program at OAMC, which Naeter initiated after observing graduates with specialized degrees struggle to find jobs during the Great Depression. Additionally, he was instrumental in the implementation of a first aid requirement for all engineering students which saved several lives.

During his career at OAMC, Naeter not only served as department head but was a member of the faculty of the Naval Training School, which helped to train individuals for military and defense purposes during World War II. Naeter retired in 1959 as a highly regarded leader and educator, culminating in a day of celebration in April prior to his July retirement.

Among those who recognized Naeter’s impact and influence was former student Martin Fate who, during his tenure as CEO of Public Service Company of Oklahoma, was influential in honoring Naeter through the creation of the Public Service Company of Oklahoma/Albrecht Naeter Professorship in Electrical Engineering.

Public Service Company of Oklahoma

Public Service Company of Oklahoma (PSO) has served Oklahoma’s electric energy needs since the company’s incorporation in 1913. Today, PSO serves approximately 532,000 customers in 232 cities and towns across 30,000 square miles of eastern and southwestern Oklahoma. The company’s distribution operations are organized into three districts including Tulsa, Lawton, and McAlester. Their headquarters are in downtown Tulsa in the renovated, historic building that housed Central High School for 60 years, with regulatory and external affairs offices located in Oklahoma City.

PSO is part of the American Electric Power system, which is one of the largest electric utilities in the United States, delivering electricity to more than 5 million customers in 11 states. AEP ranks among the nation’s largest generators of electricity, owning nearly 38,000 megawatts of generating capacity in the U.S. AEP also owns the nation’s largest electricity transmission system, a nearly 39,000-mile network that includes more 765-kilovolt extra-high voltage transmission lines than all other U.S. transmission systems combined.

From its formation 99 years ago up through today, PSO has always been about service — providing safe, reliable electricity to their customers, and working for the betterment of their communities. PSO’s 1,500 Oklahoma employees share this commitment to improving the well-being of these communities and to providing a better quality of life for all Oklahomans. As a proud corporate citizen, PSO provides financial support to hundreds of worthy organizations that contribute to the well-being and vitality of the communities they serve.

As evidence of this commitment, PSO established the PSO/Albrecht Naeter Professorship in Electrical Engineering at Oklahoma State in 1990 to help attract distinguished faculty and provide necessary equipment. The impact of their gift was doubled as it qualified for a dollar-for-dollar match from the Oklahoma State Regents for Higher Education.

Chairholder

Ramachandra Ramakumar

Ramachandra Ramakumar is a Regents professor and holds the PSO/Albrecht Naeter Professorship in Electrical Engineering in Oklahoma State University’s School of Electrical and Computer Engineering.

Ramakumar first came to Oklahoma State as a visiting associate professor in 1967. Having spent 51 years in teaching and over 40 years at OSU, he has become a pivotal leader in the school while putting his interests in renewable energy sources and systems, energy conversion and energy storage, power engineering, and engineering reliability to good use. Since 1987, Ramakumar has been the director of the Engineering Energy Laboratory. Additionally, he has served

as the PSO/Albrecht Naeter Professor since 1991, graduate coordinator since 1994, Regents Professor since 2008, and he has also previously served as the interim department head.

He is affiliated with many professional groups, including the International Solar Energy Society, the Institute of Electrical and Electronics Engineers, and the American Society for Engineering Education. He is also registered as a professional engineer in the state of Oklahoma. Ramakumar's experience is far-reaching as he has been a consultant for companies worldwide from J. B. Payne & Associates in Enid, Okla. to the United Nations Environmental Program in Nairobi, Kenya.

In addition to his professional work, Ramakumar has been honored with countless awards from all over the world for his publications and for his skill in research and teaching. He has supervised the theses of multiple doctoral students and has four patents.

Ramakumar earned his Bachelor of Engineering degree in electrical engineering in 1956 from the University of Madras and in 1957 he received his master's in electrical engineering from the Indian Institute of Technology, both located in India. He earned his doctoral degree in electrical engineering at Cornell University in New York in 1962.

RAY AND LINDA BOOKER PROFESSORSHIP IN AEROSPACE ENGINEERING

Ray and Linda Booker

Ray Booker received his degree in mechanical engineering from Oklahoma State University in 1957. After his service in the U.S. Air Force, he earned his M.S. degree in meteorology and Ph.D. from Pennsylvania State University in 1962 and 1965, respectively. Linda Booker received an accounting degree from the University of Oklahoma in 1965. After she earned her certification as a Certified Public Accountant, she joined Weather Science, Inc., Ray's original company, in 1970.

Ray became known for his research in meteorology, his many designs of airborne instrumentation systems, for his development of special missions aircraft—including an unmanned reconnaissance aircraft (AURA)—and for his development of airborne optical tracking systems that are still in use in missile defense experiments. Linda served as controller, vice president and president of their companies. Their main company, Aeromet, Inc, was sold in 2003.

Ray has been recognized with the Oklahoma State CEAT Lohmann Medal for engineering achievement, a Distinguished Alumni award from both OSU and Penn State and induction into the OSU Alumni Hall of Fame. An OSU residence hall was named "Booker Hall" in his and Linda's honor.

Ray and Linda credit their success to the education they were fortunate to receive. They began giving back by establishing their first scholarship fund at OSU, called the Diamonds in the Rough scholarship fund in 1996. Later they endowed the Ray and Linda Booker Engineering Scholarship at OSU. Their scholarships have contributed to the education of eight scholars to date. They established the Ray and Linda Booker Professorship in Mechanical Engineering at OSU to accept the challenge of a match from the Oklahoma State Board of Regents and T. Boone Pickens before creating the Ray and Linda Booker Professorship in Aerospace Engineering in 2008.

Chairholder

Jamey Jacob

Jamey Jacob, associate professor in Oklahoma State University's School of Mechanical & Aerospace Engineering, is the Ray and Linda Booker Professor in Aerospace Engineering.

Jacob came to Oklahoma State after spending 10 years as a professor at the University of Kentucky in the Department of Mechanical Engineering. He currently serves as the governor of the State of Oklahoma on the UAS Council.

His main research interests include, unmanned aircraft configuration optimization; low speed aerodynamics; micro- and nano-air vehicles, deployable wing technology; active flow control; and wind tunnel and flight testing and other experimental methods. Jacob has sponsored UAS research from DARPA, AFOSR, AFRL, USN, SOCOM, NASA, NextGen Aeronautics, General Electric Aircraft Engines, Boeing, Northrop Grumman, and others. Aside from his many research initiatives, Jacob has developed and taught systems engineering classes and short courses and developed tools for integration and design optimization for UAVs.

The author of more than 50 papers and technical reports in the areas of aerodynamics, flow control, and unmanned systems, Jacob was a National Research Council Summer Faculty Fellow in the Air Force Research Laboratory at WPAFB in both 2003 and 2004. Additionally, Jacob is a scoutmaster for the Boy Scouts of America, and he spends much of his free time teaching kids about the wonders of science and engineering.

Jacob received his Bachelor of Science in aerospace engineering from the University of Oklahoma in 1990 and his master's and doctoral degrees in mechanical engineering from the University of California at Berkeley in 1992 and 1995, respectively.

ROBERT N. MADDOX PROFESSORSHIP IN CHEMICAL ENGINEERING

Processors Suppliers Gas Assoc/Robert N. Maddox

Robert N. Maddox was a pioneer in the adaptation of computer programs for use in chemical treatment processes. This would lead to him being described as "one of the fathers of modern-day (computer-based) chemical engineering."

Maddox earned his Ph.D. in chemical engineering from Oklahoma State University in 1955. Prior to this, he graduated from the University of Arkansas and the University of Oklahoma, where he received his B.S. and M.S., respectively.

Maddox taught chemical engineering at OSU for 36 years, serving as department head from 1958 to 1977. He was appointed department head of the OSU School of Chemical Engineering when he was 32 years old, making him one of the youngest department heads ever appointed at a major university.

Maddox was an educator and consultant in the natural gas and oil business, having consulted with more than 100 corporations. During his lifetime, Maddox published numerous technical journal articles, a dozen handbook chapters, and authored or co-authored seven books. He is the only academician to have served on the Editorial Review Board for the *Gas Processors Suppliers Association Engineering Data Book* and was a member of that Board since its inception in 1965.

Among his many awards, Maddox received the Hanlon Award of the Gas Processors Association for his contributions to the natural gas industry and was presented the Founders Award by the American Institute of Chemical Engineers.

Mr. Maddox passed away in April 2008 at the age of 82, but his legacy lives on at OSU through the Robert N. Maddox Professorship in Chemical Engineering, which was established in 1989 through a generous gift from the Gas Processors Suppliers Association. This gift was matched dollar-for-dollar from the Oklahoma State Regents for Higher Education, furthering its impact.

Chairholder

James Smay

James Smay is the Robert N. Maddox Professor of Chemical Engineering at Oklahoma State University and has been a member of the faculty since 2002.

In 2007, Smay was named the OSU Big 12 Rising Star by the Center for Economic Development, Innovation and Commercialization for his efforts in translating research results into intellectual property. Smay advises the American

Indian Science and Engineering Society (AISES) chapter at OSU along with the Chemical Engineering Honor Society, Omega Chi Epsilon. Smay has also founded 3D Inks, LLC to help researchers in the U.S., Asia and Europe establish the three-dimensional printing capabilities to enable the fabrication of new artificial bone scaffolds to aid healing of long-bone defects due to trauma or disease.

Smay's research is rooted in colloidal processing of ceramics, metals and polymers through the robocasting process. Smay was previously awarded the CAREER award by the National Science Foundation, signifying the first time this prestigious award was given to a faculty member of OSU's School of Chemical Engineering. The following year, Smay was honored with the Presidential Early Career Award for Scientists and Engineers (PECASE) by the George W. Bush White House. This was the first PECASE awarded at OSU and was only the second in the state of Oklahoma at the time.

After receiving his bachelor's degree in mechanical engineering in 1996 from OSU, Smay went on to earn his doctoral degree in 2002 from the University of Illinois at Urbana-Champaign. Smay was recognized by the American Chemical Society with the Victor K. Lamer award for the outstanding dissertation in the U.S. in the area of colloid and surface science. Additionally, his work was recognized as one of the top ten innovations of the year by *Chemical & Engineering News* and was publicized in the popular magazine *The Economist*.

SAMSON INVESTMENT CO. CHAIR IN PETROLEUM ENGINEERING

Samson

Samson is a privately-held independent exploration and production company. Since its founding in 1971 by the late Charles Schusterman, it has grown into a large, financially sound, independent exploration and production company with more than 1,000 employees.

Samson is based in Tulsa, Okla., and maintains division offices in Denver and Midland Texas. It strives to utilize innovative technology and expertise to find and implement new opportunities; take prudent financial risks for long-term profitability; apply expert operational and financial skills to efficiently manage its asset base; and provide its employees with a rewarding work environment.

The company's highly motivated workforce, expertise, strong financial position, innovative technology and business acumen have provided a strong foundation for its profitable pursuit of crude oil and natural gas. Samson is committed to staying at the leading edge of technology and to integrating business into its technical process.

For more than 20 years, Samson has supported Oklahoma State University through various programs including scholarship, the Geology Field Camp and the Tulsa Business Forum. In 2008, the company made its most significant investment at OSU when it created the Samson Investment Co. Chair in Petroleum Engineering. This donation qualified for a dollar-for-dollar match by the Oklahoma State Regents for Higher Education and OSU alumnus T. Boone Pickens, significantly increasing its impact. The Samson Investment Co. Chair will continue to further excellence in petroleum engineering research and education in perpetuity.

Chairholder
Peter Clark

Peter Clark recently joined the Oklahoma State University faculty as a professor and the Samson Investment Company Chair in Petroleum Engineering as well as the Lew & Myra Ward Chair in Petroleum Engineering. His primary assignment is to develop the Petroleum Programs at OSU.

Prior to coming to Oklahoma State, Clark's career included seven years of industrial experience and 32 years in academia focusing on mineral, chemical, and petroleum engineering at Tulsa University and the University of Alabama. His expertise is in hydraulic fracturing, well stimulation, and rheology of petroleum products and production fluids. His research interests are in the area of complex fluid flows. Clark has been actively involved with experimental projects focusing on the flow of non-Newtonian water-based polymer solutions through porous media, the rheology of water soluble polymer solutions, and the flow of slurries into slots.

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OSU initiated a petroleum engineering minor in 2008 with initial funding from the Sampson Investment Companies and Lew and Myra Ward and matching from T. Boone Pickens, but until now had to outsource several of the key courses. Clark will provide the local expertise to develop and offer classes and will also provide administrative leadership in developing all aspects of the petroleum program at OSU including curriculum structure, research, and hiring additional faculty members.

Clark is an Oklahoma State alumnus, having earned both his B.S. and doctoral degrees from OSU in 1967 and 1972, respectively.

SIMPLEX PROFESSORSHIP OF FIRE PROTECTION

SimplexGrinnell

SimplexGrinnell, a Tyco International company, is a longtime leader in fire and life safety with a strong commitment to community service and industry advancement. SimplexGrinnell was established in 2001 when Simplex and Grinnell Fire Protection joined forces under Tyco International.

Simplex had been founded in Gardner, Mass. in 1894 as a time clock company. E.G. Watkins, the founder of Simplex, is credited with inventing the first practical time clock. Simplex operated for more than a century under the private ownership of the Watkins family, expanding its business in the 1950s into fire alarm and other building systems. Simplex was acquired in December 2000 by Tyco International, a diversified, global company that provides vital products and services to customers in more than 60 countries. At the time of the acquisition, Simplex had established a reputation as the leader in electronic fire alarm systems.

The rich heritage of Simplex and Grinnell is evident today at SimplexGrinnell. The legacy of commitment and innovation that defined Simplex and Grinnell from the start remains a guiding influence on their current-day operations and growth. They continue to embrace the pioneering spirit that Simplex exhibited in driving the evolution of automatic fire alarm systems. That's all part of the fabric of the company now as SimplexGrinnell builds strong customer

relationships and continues to provide innovative products, services and solutions. Today SimplexGrinnell serves more than 1 million customers in the U.S. and Canada, providing a comprehensive array of fire alarm, sprinkler, suppression, integrated security and emergency communications systems and services. SimplexGrinnell is a trusted partner that delivers solutions in buildings and environments where life safety protection is absolutely vital.

The Simplex Professorship of Fire Protection was established in 1993, and the gift qualified for a dollar-for-dollar match from the Oklahoma State Regents for Higher Education, ultimately increasing its impact.

Chairholder
Michael Larrañaga

Michael Larrañaga is the department head of the School of Fire Protection and Safety Engineering Technology at Oklahoma State University, and he holds the Simplex Professorship of Fire Protection.

In addition to his role as department head, Larrañaga serves as director of the Boots & Coots Center for Fire, Safety, and Pressure Control and the U.S. Department of Homeland Security Science, Technology, Engineering, and Math Scholars program at Oklahoma State. He has extensive experience in air sampling, analysis, and interpretation of environmental data for determination of exposure risk.

Not only is Larrañaga an accomplished educator, he also has an extensive background in non-academic venues. He previously worked as a forensic engineering consultant and safety and health engineer for Texas Tech University, Los Alamos National Laboratory, Akzo Nobel Chemicals, and Marathon Oil Company. He is a registered professional engineer, certified industrial hygienist, and certified safety professional. Larrañaga serves on the Board of Directors for the American Board of Industrial Hygiene and serves as an appointed member to the Board of Scientific Counselors for the National Institute for Occupational Safety and Health-Centers for Disease Control and Prevention, to which he was appointed by Secretary of Health and Human Services Kathleen Sebelius.

Larrañaga earned his Bachelor of Science degree in fire protection and safety engineering technology from Oklahoma State University. He went on to earn his Master of Science degree in environmental science from the University of Houston-Clear Lake, and a doctoral degree in industrial engineering from Texas Tech University and the Texas Tech University Health Science Center. He is currently pursuing a master's in national security and strategic studies at the Naval Postgraduate School's Center for Homeland Defense and Security where his research focuses on emerging technologies, cascade failures, network-based risk analysis, and complexity theory.

TOM J. CUNNINGHAM CHAIR IN MECHANICAL ENGINEERING
Tom J. Cunningham

Tom Cunningham was born in Roosevelt, Okla. on March 12, 1909. He would go on to graduate from Oklahoma A&M College, now Oklahoma State University, with a B.S. in mechanical engineering. While at OAMC he met his future wife, Mary Louise. He spent many years as a pilot in the U.S. Air Force and would eventually rise to the rank of colonel.

Cunningham first wrote his name in the OAMC history books as a member of legendary wrestling coach Ed Gallagher's squad during the early 1930s. He was part of the 1932 Aggies team that finished in second place at the fifth annual NCAA Wrestling Tournament. The next year, he and his teammates would capture the school's fifth national championship in six years, finishing as co-champions with Iowa State.

Mary Louise passed away in 1986, and upon his passing in January 1992, Cunningham left a portion of his estate to OSU, establishing the Tom J. Cunningham DGF and the Tom J. Cunningham Chair in Mechanical Engineering. His gift toward the chair qualified for matching funds from the Oklahoma State Board of Regents, multiplying his gift and helping him leave a legacy of impactful faculty support on the campus that meant so much to him.

Chairholder
Andrew Arena, Jr.

Andrew Arena, Jr. is a professor and holds the Tom J. Cunningham Chair in Mechanical Engineering at Oklahoma State University, where he has served as a faculty member for 18 years. Arena is an acting director for the NASA Oklahoma Space Grant Consortium and has experience as a NASA Faculty Fellow, commercial pilot, and instructor at the University of Notre Dame.

His contributions while at Oklahoma State include his assistance in the development of the wind tunnel facility, the Computational Aerodynamics/Aeroservoelasticity Lab, the Aerospace Design Laboratories, Composites Laboratory, the ASTRO Near-Space Ballooning Program, and the Unmanned Aerial Vehicle Flight Training and Research Station. He also co-led an effort that resulted in the aerospace engineering program's accreditation as a separate degree, and he co-led the development of unique graduate degree options in unmanned systems. Arena has advised and instructed the Oklahoma State aircraft design teams that compete in the world's largest collegiate aerospace design, build, fly contest. During Arena's tenure as an advisor and instructor, the Oklahoma State teams won more trophies than any other university.

The recipient of numerous recognitions, Arena's honors and awards include, the Ralph R. Teetor Award; Halliburton Foundation Outstanding Young Teacher Award; Outstanding Academic Advisor Award; and the Andrew L. Maciula Teaching Professorship in Engineering. Arena is a member of multiple professional societies including the American Institute of Aeronautics and Astronauts, Aircraft Owners and Pilots Association, and the Sigma Gamma Tau Aerospace Honor Society, among others.

Arena earned his Bachelor of Science degree in aerospace engineering from the University of Arizona, and he received his master's and doctoral degrees respectively from the University of Notre Dame.

WILLIAMS FOUNDATION PROFESSORSHIP IN CIVIL ENGINEERING
Williams

Williams traces its roots to 1908 with two brothers' construction projects in Fort Smith, Ark. Within a few years Miller and David Williams were building cross-country natural gas and petroleum pipelines. By the time the brothers relocated to Tulsa in 1919, they had a reputation for living up to their motto: "A good job on time."

For more than 60 years, the company did business as Williams Brothers, changing its name in the 1970s to reflect its diverse businesses. In 1966, Williams purchased the country's largest petroleum products pipeline, known as Great Lakes Pipe Line Company. The new company laid the cornerstone for the modern-era Williams. The company began assembling its nationwide system of interstate natural gas pipelines in 1982 with the purchase of Northwest Energy Company.

Also in the 1980s, Williams earned worldwide attention for its ingenuity in running fiber-optic cable through decommissioned pipelines. With this idea, Williams helped lay the foundation for modern-day tele-communication networks.

Williams purchased Transco Energy Company in 1995, expanding its natural gas transportation system to the East Coast. This acquisition established Williams as one of the largest-volume transporters of natural gas in the United States, serving some of America's biggest markets, including New York City.

More recent additions to its energy profile include expanding its presence in the Marcellus Shale basin in the Northeast. Today, Williams is one of North America's leading energy infrastructure companies, with large-scale operations in the Rockies, Gulf Coast, Pacific Northwest, Southeast, Eastern Seaboard, offshore Gulf of Mexico, and Western Canada.

Philanthropy has always been important to Williams, and since 1973, the company has made contributions to Oklahoma State University including the creation of the Williams Chair in Energy Technology at OSU-Tulsa. The Williams Foundation Professorship in Civil Engineering was established in 2008 and is an example of the company's commitment to Oklahoma's success. Their gift qualified for a match by the Oklahoma State Regents for Higher Education and OSU alumnus T. Boone Pickens, increasing its impact on the field of civil engineering.

WILSON BENTLEY PROFESSORSHIP IN INDUSTRIAL ENGINEERING AND MANAGEMENT

Wilson Bentley

In every vibrant program the path forward is envisioned through faculty leadership and determined effort. Under the leadership of Wilson Bentley, the vision of OSU engineering undergraduate and graduate programs being equal to the best in the nation was realized.

Bentley graduated from Oklahoma A&M College, now Oklahoma State University, in 1939. He later returned to the University as a faculty member and served for more than 23 years until his death in 1971. He was appointed as head of the School of Industrial Engineering and Management in 1957. He also served as chairman of the OSU Faculty Council from 1958 to 1959. During his time at the University, he influenced a generation of engineers and helped them develop their potential as pioneers of industry through the country.

In honor of his dedication and tremendous impact on OSU's engineering program, the College of Engineering, Architecture and Technology established the Wilson Bentley Professorship in Industrial Engineering and Management. Dozens of corporations and individuals came together to fund this endowed faculty position. Their gifts were matched by the Oklahoma State Regents for Higher Education, furthering their impact.

The Wilson Bentley Professorship enables the college to offer an exceptional faculty member a position of prestige and honor, perpetuating Bentley's legacy of excellence in engineering education.

Chairholder

William Kolarik

William Kolarik is the Wilson Bentley Professor in Industrial Engineering & Management. Kolarik currently serves as professor and head of the School of Industrial Engineering and Management at Oklahoma State University. Prior to this assignment, he served as professor of industrial engineering at Texas Tech University.

Kolarik serves as the director of the Oklahoma Industrial Assessment Center at Oklahoma State. The IAC is one of 24 centers funded by the U.S. Department of Energy in the United States and it currently has a five year, $1.5 million contract. The IAC serves clients ranging from small to medium-sized manufacturers within the Oklahoma, Arkansas, Kansas, and North Texas region. The IAC's mission is to provide energy savings and improved energy intensity for its clients as well as to train the next generation of energy engineers. Since it was first established, the IAC has served more than 800 clients and trained more than 100 students. The IAC's performance goal is to save each client at least 10 percent of its energy bill which amounts to millions of dollars in energy savings as well as the avoidance of significant amounts of pollution.

A registered Professional Engineer in Oklahoma, Texas, and Louisiana, Kolarik is also a certified energy manager through the Association of Energy Engineers and has served as a Baldrige Award examiner. He is a fellow of the Institute of Industrial Engineers and teaches in the areas of quality management systems, energy conservation, and industrial assessment. He has authored two major textbooks, published by McGraw-Hill, and numerous journal and proceedings papers. Additionally, Kolarik has served as the major professor/advisor to 21 Ph.D. students.

He received his Bachelor of Science and master's degrees from Louisiana State University, and his doctoral degree is from Oklahoma State University.

Endowed Faculty Position	Holder
Albert H. Nelson, Jr. Endowed Chair in Engineering	Vacant
Amoco Chair in Chemical Engineering	R. Russell Rhinehart
Anadarko Petroleum Corp Chair in Chemical Engineering	Gary Foutch
AT&T Professorship in Engineering	Satish Bukkapatnam
Bartlett Chair in Chemical Engineering	Khaled Gasem
Calvin and Marilyn Vogt Professorship in CEAT	Guoliang Fan
Carl G. and Gladys L. Herrington Endowment	Don Lucca
Carroll M. Leonard Professorship	Jeffrey Spitler
Centennial Professorship in Architecture & Architectural Engineering	Vacant
Centennial Professorship in Engineering - A	Prabhakar Pagilla
Center for Innovation and Economic Development Chair in Sensor Technology	Vacant
Construction Management Advisory Board Chair	Dana Hobson
Continental Resources Chair in Petroleum Engineering	Vacant
Dale F. Janes Professorship in Fire Protection and Safety Technology	Vacant
Donald and Cathey Humphreys Chair in Industrial Engineering and Management	Vacant
Donald and Cathey Humphreys Chair in the College of Engineering, Architecture and Technology	Vacant
Edward Joullian Endowed Chair in Engineering	Sundararajan Madihally
Gorman Gilbert, Bert Cooper and W&W Steel Chair in Civil and Environmental Engineering	Kelvin Wang
Halliburton Professorship in Engineering	Charles Bunting
Harold Courson Chair in Petroleum Engineering	Vacant
Henry and Shirley Bellmon Chair in Optoelectronic Systems	Daniel Grischkowsky
Jim and Lynne Williams Professorship in Energy Technologies	Vacant
John Brammer Endowed Professorship in Mechanical and Aerospace Engineering	Afshin J. Ghajar
John Hendrix Chair in Engineering	James “Rob” Whiteley
L. Andrew Maciula Teaching Professorship in Engineering	Daniel Fisher
Lew and Myra Ward Chair in Petroleum Engineering	Peter Clark
M.R. Lohmann Professorship	Vacant
Noble Foundation Chair in Web Handling	James “Keith” Good
OGE Energy Technology Chair	Vacant
Public Service Company of Oklahoma/Albrecht Naeter Endowment	Ramachandra Ramakumar
Ray and Linda Booker Professorship in Aerospace Engineering	Jamey Jacob
Robert N. Maddox Professorship in Chemical Engineering	James Smay
Samson Investment Co. Chair in Petroleum Engineering	Peter Clark
Simplex Professorship of Fire Protection	Michael Larrañaga
Tom J. Cunningham Chair in Mechanical Engineering	Andrew Arena, Jr.
Williams Foundation Professorship in Civil Engineering	Vacant
Wilson Bentley Prof in Industrial Engineering and Management	William Kolarik

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