49th Annual
Distinguished Engineer Awards Dinner

Friday, April 24, 2015
6:00 p.m.
United Supermarkets Arena
Lubbock, Texas
2015 Distinguished Engineer Awards Dinner

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Lubbock, Texas

Welcome
Marshall Watson, Ph.D.
Roy Butler Chair » Petroleum Engineering Chair

Chancellor’s Remarks
Robert L. Duncan
Chancellor » Texas Tech University System

Dean’s Remarks
Al Sacco Jr., Ph.D.
Dean » Whitacre College of Engineering

Dinner
Presentation of
Distinguished Engineers

Henning Oeltjenbruns, Ph.D.
M.S. » Industrial Engineering » 1993

Dudley McFarquhar, Ph.D.
B.S. » Civil Engineering » 1984
M.S. » Civil Engineering » 1986
Ph.D. » Civil Engineering » 1989

Rene Hatten Wade
B.S. » Chemical Engineering » 1983

Stephen Heitzman
B.S. » Mechanical Engineering » 1972

Denny Bullard
B.S. » Petroleum Engineering » 1970

Fiske Hanley II
B.S. » Mechanical Engineering » 1943

Closing
Dr. Henning Oeltjenbruns grew up in Northwest Germany. He enrolled at Wilhelmshaven University, a partner university of Texas Tech, in 1987, and earned a Bachelor of Science in industrial engineering. During that time, he participated in the relatively new student exchange program with Texas Tech. He later returned to Lubbock and earned a Master of Science in industrial engineering in 1992.

In 2000, after having worked for Daimler AG, also known as Mercedes-Benz, in various functions and locations including Germany, Spain, Alabama, and Brazil, he finalized his studies on “Lean Manufacturing and the Implementation of the Toyota Production System in Western Industries” with a Ph.D. from the University of Clausthal-Zellerfeld.

Oeltjenbruns has spent almost 25 years working for Daimler in various leadership functions and locations. He was part of the initial engineering team setting up the first auto assembly plant of Mercedes-Benz outside of Germany in Tuscaloosa, Alabama. As global product line manager for Mercedes-Benz Trucks, he implemented a new truck model line in Europe, Turkey and Brazil. From 2007-2012, Henning served as general manager and vice president of Detroit Diesel Corporation in Redford, Michigan, launching a global platform of new EPA10 heavy-duty truck engines.

He has served the last three years as head of product planning and strategy for Daimler Trucks headquarters in Stuttgart, focusing on new truck markets and supporting Daimler’s China joint venture with Auman Trucks.

Just recently, he has been named the new general manager for Daimler Trucks North America’s Freightliner Plant in Cleveland, North Carolina. Together with his wife Meike, a former graduate student at Texas Tech in the Department of Classical and Modern Languages, and their nine-year-old daughter Anna, they will relocate this summer back to the United States.
Dudley McFarquhar, Ph.D.

Distinguished Engineer » 2015
B.S., M.S., Ph.D. » Civil Engineering » 1984, 1986, 1989
CEO and President
McFarquhar Group Inc.

Dr. Dudley McFarquhar has more than 26 years of experience in civil engineering. Currently a principal of his consulting firm in Mesquite, Texas, McFarquhar Group Inc., he has also taught in the Department of Civil, Environmental, and Construction Engineering at Texas Tech and has extensive experience in engineering consulting and design, forensic investigation, building repair/restoration of building exterior enclosures and related litigation support. He has conducted extensive research in window glass strength behavior and investigated both tornado and hurricane damage on exterior wall systems as part of an ASCE task group and he has worked as an independent consultant.

He has gained experience as a practitioner and is highly skilled in the analysis and investigation of various building enclosure and envelope cladding systems including curtain wall cladding components: aluminum stick, unitized, suspended and gasket wall, steel framing, window glazing, natural stone cladding, brick cladding, precast panels, monolithic and composite metal panels, sealants and cladding waterproofing. McFarquhar has worked directly for building owners, institutions, developers, architects, property managers, insurance adjusters, legal community and general contractors and subcontractors.

McFarquhar is engineer-of-record for cladding on several commercial projects within the U.S. and has performed engineering and consulting on several projects in the Far East, Middle East, Europe, Central and South America, and the Caribbean. He has published more than 20 papers and has published a book titled “Curtain Wall: A Primer.” He has presented several seminars in the United States, Europe, the Caribbean and Singapore on various building envelope topics. He is an avid presenter at conferences.

Some of his notable projects include the new Parkland Hospital in Dallas, Texas, which is currently the largest hospital in the United States, NationsBank headquarters in Charlotte, North Carolina, the Winspear Opera House in Dallas, Texas, Federation Tower in Moscow, and the Hong Kong Convention Center. He was involved soon after September 11, 2001 at the World Trade Center in New York during the remediation and habilitation of the AMEX Building.

McFarquhar is currently active on several committees, including the Texas Tech Civil Engineering Advisory Council, the Texas Tech Civil Engineering Academy, a national board member of the Building Enclosure Technology Environmental Council, Building Enclosure Council, Glass Association of North America, American Society of Civil Engineers, Texas Society of Professional Engineers, Architectural Institute, and the American Society for Testing and Materials.

In addition to technical involvement, he is the current president of the Dallas West Indies United (DWIU) social organization, an active member of the Optimist Club, and an avid sports fan. He resides in Mesquite, Texas with his wife Paula and sons Brandon and Ryan.
Rene Hatten Wade graduated from Stratford High School in Houston, Texas in 1979. She was accepted to several outstanding universities, and chose Texas Tech for its reputation of producing graduates with solid technical skills and strong practical work ethics.

While in college, she worked summers with the Amoco Oil Company in Brownfield, Texas at their Gasoline Plant and Field Operations office and she met her husband Glenn A. Wade, who earned a Bachelor of Science in petroleum engineering.

She earned a Bachelor of Science in chemical engineering from Texas Tech in 1983, and shortly after graduation, she joined 3M Company in Brownwood, Texas, where she applied her process engineering skills to complex manufacturing operations. Her responsibilities centered on manufacturing optimization and process development of products, including optically retro-reflective Scotchlite™ for fire fighters, mining and pedestrian safety, and identity management security laminates for passport and driver's license validation by law enforcement agencies. She was chosen as the first female engineering production supervisor at the manufacturing site and also received the Circle of Excellence Award at 3M during her 10 year tenure there for innovation in new product development.

Wade is currently vice president of Product Quality with Mary Kay, Inc. in Dallas. In this role, she oversees global quality for the company, managing product quality for multiple manufacturing sites and the distribution of effective skin care and color cosmetic products in 35 countries and growing. She has been with Mary Kay for 18 years. One aspect of Mary Kay’s business model that attracted Wade to the company was the vision of “Enriching Women’s Lives,” which includes a mission to bring awareness to the public about domestic violence, as well as fighting cancers that affect women. Wade has championed these causes through awareness campaigns and fundraising for the Mary Kay Foundation.

She is also active in the company’s Habitat for Humanity annual build, and with an organization in Dallas, Citizen’s Development Center, which provides vocational training and employment support for adults with disabilities. Finally, she has a passion for: developing the next generation of women leaders and has been an active mentor and mentee through Menttium Corporation, educating young teens about STEM careers, providing Texas Tech engineering students with informational interviews, and participating in Mary Kay’s internal mentorship program for the past 10 years. Wade is also an American Society for Quality Certified Quality Engineer, and was chosen as Mary Kay’s inaugural Leader of the Year.

Wade and her husband Glenn reside in Fort Worth and are avid Red Raider fans. Their son Carter is a junior at Texas Tech and – in the family tradition – is also pursuing petroleum engineering. Their daughter Elizabeth is currently living in Amman, Jordan studying Arabic, and son Tyler will be working in Africa with the Peace Corps starting in 2015.
Stephen Heitzman is executive vice president and chief operating officer of Talos Energy LLC, a private equity backed oil and gas exploration and production company operating in the Gulf of Mexico.

Heitzman spent his formative years in a small town northwest of El Paso, eventually becoming the second Eagle Scout in his community. Enrolling at Texas Tech in mechanical engineering in 1968, he worked summers for oil companies in Texas and Oklahoma. After graduation, Heitzman took a job with Amoco monitoring drilling and production activity in the field and was soon promoted to division office reservoir and operations engineering assignments.

From Amoco, he moved to Transco Exploration Company as the organization’s third engineering hire. Starting as a reservoir engineer working on reserves, economics, and lease sales, he became the first production engineer to work on completions for wells drilled on the leases he had determined bids for previously. This exposure to a property from initial leasing, exploratory and development drilling, and reserve determination, through to well completions and production operations provided a great learning experience. In early 1980, he joined Roy M. Huffington Inc. to help start a domestic joint venture, Huffco Petroleum. Heitzman supervised the reservoir engineering, production engineering, property acquisitions, and oil and gas marketing. Later, this association with Roy Huffington provided Heitzman with an opportunity with Huffco Indonesia in Jakarta, Indonesia. He worked in a giant oil and gas complex containing approximately 17 Tcf of gas and he co-authored an in-house computerized depletion planning model that generated a work plan to match field deliverability to the Bontang LNG plant demand. He then initiated formulated objectives for — and directed field exploitation teams to — accomplish the deliverability objectives of 1.5 Bcf per day gas flow to the LNG plant and evaluate the company’s reserve base.

Upon returning to the United States, Heitzman became involved in the formation of two start-up oil and gas organizations before becoming a founding member and equity owner leading the engineering functions of Gryphon Exploration, a private equity backed pure exploration company operating in the Gulf of Mexico. The Gryphon team built a sizable reserve base with top quartile operating metrics that was sold to Woodside USA in 2005. In 2006, Heitzman and a group of Gryphon executives started private equity backed Phoenix Exploration. He ultimately became CEO and president of Phoenix, which was sold to Apache in 2011. Following Phoenix, the team formed Talos Energy with Heitzman in his current role. Talos acquired $600 million of private equity backing and purchased ERT’s Gulf of Mexico shallow and deep water assets. Since that time, Talos has made several other smaller acquisitions and has net production of 28,000 BOEPD.

Heitzman is a Registered Professional Engineer in Texas, a member of the Society of Petroleum Engineers, the Society of Petroleum Evaluation Engineers, the American Society of Mechanical Engineers, the Texas Tech Academy of Petroleum Engineers, the Texas Tech Engineering Key Society, a scholarship donor to the Red Raider Club, has funded scholarships for engineers, and is pleased to be a major donor to the Terry Fuller Petroleum Engineering Building with a conference room named in his and his wife’s honor. He has been married for 42 years to Andra Heitzman, a 1973 Texas Tech graduate. Their son Austin owns a woodworking company in Portland, Oregon and their daughter Ashley is an artist in Philadelphia, Pennsylvania.
Denny Bullard is senior vice president of Operations Services for Pioneer Natural Resources. In this role, he has responsibility for the operations of Pioneer Pumping Services, the company’s well stimulation fleet, and for Premier Silica, Pioneer’s industrial sand mining operations. In addition, he is responsible for the Health, Safety, Environmental Services and Operations Training departments.

After completing high school in Estancia, New Mexico, Bullard attended Lubbock Christian University and earned an Associate of Science degree in 1967. In 1970, he received a Bachelor of Science in petroleum engineering from Texas Tech. While a student, he was a member of the student chapter of the Society of Petroleum Engineers.

Bullard began his career in 1970 with Continental Oil Company (Conoco) in Hobbs, New Mexico. At Conoco, he worked in various domestic and international locations in engineering and field supervisory positions. After fourteen years with Conoco, he began working for Damson Oil Corporation in Houston in 1984 as a production manager. The assets of Damson Oil were acquired by Parker and Parsley Petroleum Company in 1991 and Denny moved to Midland to serve as operations manager for Parker and Parsley.

Between 1991 and 1997, he was operations manager for three years and subsequently was named vice president for several divisions at Parker and Parsley. Pioneer Natural Resources was formed in 1997 through the merger of Parker and Parsley and Mesa, Inc.

From 1997 to 2004, he served as operations manager for Pioneer’s gulf coast operations, and from October 2004 until November 2005 he was vice president of gulf coast operations. He directed Pioneer’s first deep water projects in the Gulf of Mexico including Canyon Express, Devils Tower, and Falcon.

From December 2005 through October 2007, he served as vice president of engineering and development. Major projects were implemented in South Africa, Tunisia, and the North Slope of Alaska during this time.

Bullard currently serves on the Texas Tech University Petroleum Industry Advisory Board, the Texas Tech University Engineering Dean’s Council, and is the former chairman of the Texas Tech University Academy of Petroleum Engineers.

He is a member of the Texas Tech Engineering Key Society, Society of Petroleum Engineers, American Society of Mechanical Engineers, and the Society of Petrophysicists and Well Log Analysts. He is a Registered Professional Engineer in Texas.

In 2012, Denny was recognized by the Texas Independent Producers and Royalty Owners Association as a “Top Producer” Engineer. Most recently he was recognized as Lubbock Christian University’s 2015 Distinguished Alumnus of the Year.

Denny lives in Keller, Texas with his wife Patti and has two married daughters and four grandsons. His hobbies include fishing and model railroading.
Fiske Hanley II grew up in Fort Worth, Texas and attended Paschal High School. Upon graduation, Hanley attended North Texas Agricultural College – now the University of Texas at Arlington – where he earned an associate’s degree in aeronautical engineering. He then came to Lubbock in 1940 to study aeronautical engineering.

Just 12 hours after graduating with a Bachelor of Science in mechanical engineering in 1943, Hanley left on a train for basic training. Nine months later, he was commissioned a Second Lieutenant. Assigned as a B-29 flight engineer, he was attached to the 504th Bombardment Group (VH). In January 1945, they flew their new B-29 to Tinian Island in the Pacific and began bombing missions over Japan. On the seventh mission, their plane was shot down. Hanley arrived on Japanese soil via parachute, where he began his harrowing experience as a special prisoner of war.

Hanley was captured by the Japanese Kempeitai and was kept in overcrowded, filthy dungeon cells in Tokyo. He and the other soldiers were not treated as Prisoners of War but were designated as Special Prisoners. While awaiting trial they were considered subhuman — starved on half POW rations, issued no clothes or basic hygienic needs, denied medical treatment and allowed to suffer and die from torture. He endured these conditions for six months before being liberated.

After the war, Hanley went on to have a successful career as an engineer for General Dynamics. During his time as an engineer for the company, Hanley spent many years in the area of manufacturing technology. He managed the Instrument Unit stage of NASA’s Saturn V Moon rocket and pioneered the use of advanced composite materials for aircraft.

Hanley was also heavily involved in the design and development of the F-16 Fighting Falcon fighter aircraft and traveled worldwide to provide technical support for the F-16’s European users.

He retired in 1989 after 44 years with the company. He then went on to write and publish two books, “Accused American War Criminal,” an autobiography about his time as a special prisoner of war, and “The History of the 504th Bomb Group (VH) in World War II.”

Hanley and his wife Peggy currently live in Fort Worth, Texas. He has three children from his marriage to his late wife Betty.
The measure of a college’s distinction and influence depends greatly upon the achievement of its former students and the positions they earn for themselves in their respective communities and fields of endeavor. To recognize some of the most outstanding former students of Texas Tech University, the Whitacre College of Engineering has established the Distinguished Engineer Award.

This year’s awards mark the 49th anniversary of the program, initiated by Dean John R. Bradford in the 1966-67 academic year.

**Purpose and Philosophy**

The purpose of this program is to recognize and honor former engineering students who have made significant contributions to society and whose accomplishments and careers have brought credit to the Whitacre College of Engineering at Texas Tech and to the engineering profession as a whole.

This program does more than honor these former students. It spotlights the accomplishments of the Whitacre College of Engineering, and thereby increases the pride of former students, current students, faculty, and staff.

It likewise presents to the people of Texas and the nation tangible evidence of the effectiveness of the progress of engineering at Texas Tech.

In establishing this program, it was recognized that these awards were to be given for outstanding achievement both inside as well as outside the profession and that no compromises diminishing the significance of the awards would be made.

To be eligible for the Distinguished Engineer Award, an individual must:

- Be distinguished in his/her profession, life work, or other worthy endeavors, and have received recognition from contemporaries.
- Be a person of such integrity, stature, and demonstrated ability that the faculty, staff, students, and alumni will take pride in and be inspired by his/her recognition.
- Have demonstrated a continuing interest in areas outside of the fields of engineering such as to bring honor and prestige to the profession.
- Have been a student in the Whitacre College of Engineering of Texas Tech University.
Distinguished Engineers

2014
Kenneth Baker
Chemical Engineering 1965
1970
Lori Sisco Flansburg
Mechanical Engineering 1978, 1984
Erna Grasz
Electrical Engineering 1985
Louis Gritz
Victoria Richards Harkins
Biochemistry Engineering 1992
Civil 1995, 1998
Wade Smith
Mechanical Engineering 1989
Lloyd Whetzel

2013
Kelly J. Beierschmitt
Industrial Engineering 1992
Ben A. Calloni
Joe D. Gamble
Civil Engineering 1962, 1963
Tom Jacobs
Const. Engr. Tech. 1987
Jack L. McCavit
Chemical Engineering 1970
Scott P. Moore
Electrical Engineering 1982
James Thompson

2012
Capt. John D. Alexander
Mechanical Engineering 1982
Elizabeth F. Holland
Industrial Engineering 1984
James E. Lowder
Mechanical Engineering 1985
Alan L. Smith
Petroleum Engineering 1981, 1982
Karan Watson

2011
Dennis Carroll
Randy Crawford
Chemical Engineering 1949
Terry Fuller
Petroleum Engineering 1977
Paul Grimmer
Chemical Engineering 1977
William Guion
Mary Anne Hicks
Industrial Engineering 1979
Jack Rentz
Mechanical Engineering 1974
Walter T. Winn Jr.
Civil Engineering 1972, 1973

2010
Jeff Bayer
Civil Engineering 1979
Mica Endsley
Industrial Engineering 1982
Thomas A. Harper
Allen D. Howard
Electrical Engineering 1978
Randy Howard
Mechanical Engineering 1972

2009
Blake W. Augsburger
Electrical Engineering 1987, 1989
Chi-Ming Chang
Industrial Engineering 1983, 1986
James A. Edmiston
Petroleum Engineering 1982
J.G. “Greg” Soules
Civil Engineering 1979, 2009
Shelby Johnson
Const. Engr. Tech. 1986

2008
Duffer B. Crawford
Chemical Engineering 1941
Thomas J. Zachman
Civil Engineering 1974

2007
David H. Barr
Mechanical Engineering 1971
G. Kemble “Kem” Bennett
Industrial Engineering 1970
William B. Hagood
Civil Engineering 1969
Harold R. Inman
Petroleum Engineering 1950

2006
Ajay M. Marathe
Industrial Engineering 1983
Jerry L. Morgensen
Civil Engineering 1965
Travis A. Simpson
Electrical Engineering 1981

2005
J. Gregory Boyd
Civil Engineering 1976
Francisco “Frank” Figueroa
Electrical Engineering 1967
Gerald C. Murff
Mechanical Engineering 1961
Alvin Dale Williams
Engr. Tech. 1975

2004
Joseph J. Beal
Civil Engineering 1968
Philip L. Fredericksen
Industrial Engineering 1978
Louis D. Jones
Petroleum Engineering 1976
Chung-Shing “C.S.” Lee
Electrical Engineering 1978

2003
Roy A. Battles
Mechanical Engineering 1969
William M. Marcy
Electrical Engineering 1964, 1966
Fredrick S. Yeatts
Electrical Engineering 1970

2002
Douglas E. Barnhart
Civil Engineering 1969
Joseph C. Martz
Chemical Engineering 1986
Jerry S. Rawls
Mechanical Engineering 1967
Richard D. Smith
Industrial Engineering 1966
Cloyce A. Talbott
Petroleum Engineering 1958

2001
Ming Chang
Electrical Engineering 1978
Enoch L. Dawkins
Petroleum Engineering 1960

2000
Robert C. “Bob” Banasik
Industrial Engineering 1967
Robert R. Click
Chemical Engineering 1948
W. R. “Rick” Harnn
Civil Engineering 1970
Jimmy D. Williams
Mechanical Engineering 1972

Read full biographies of all past Distinguished Engineer Award Winners at www.coe.ttu.edu/de
# Distinguished Engineers

### 1999
- **Dale Courtney**  
  Industrial  
  1971
- **Julie Spicer England**  
  Chemical  
  1979
- **Dain M. Hancock**  
  Mechanical  
  1966
- **Raymond C. Vaughn**  
  Engr. Tech.  
  1976
- **Julie Spicer England**  
  Chemical  
  1979
- **Dain M. Hancock**  
  Mechanical  
  1966
- **Raymond C. Vaughn**  
  Engr. Tech.  
  1976
- **William "Bill" Hervey**  
  Textile  
  1949
- **David L. Hirschfeld**  
  Civil  
  1962
- **Raymond B. Ince**  
  Mechanical  
  1948
- **Thomas S. Moore**  
  Mechanical  
  1964, 1965
- **Steven W. Nance**  
  Petroleum  
  1978
- **Garth Nash**  
  Electrical  
  1963
- **Bill M. Sanderson**  
  Chemical  
  1960
- **David E. Sharbutt**  
  Electrical  
  1971
- **Charles F. Winder**  
  Industrial  
  1979

### 1998
- **William "Bill" Hervey**  
  Textile  
  1949
- **David L. Hirschfeld**  
  Civil  
  1962
- **Raymond B. Ince**  
  Mechanical  
  1948
- **Thomas S. Moore**  
  Mechanical  
  1964, 1965
- **Steven W. Nance**  
  Petroleum  
  1978
- **Garth Nash**  
  Electrical  
  1963
- **Bill M. Sanderson**  
  Chemical  
  1960
- **David E. Sharbutt**  
  Electrical  
  1971
- **Charles F. Winder**  
  Industrial  
  1979

### 1997
- **Woodrow W. Hitchcock**  
  Mechanical  
  1969
- **Rick D. Husband**  
  Mechanical  
  1980
- **Herbert A. Mang**  
  Civil  
  1974
- **Jeff D. Morris**  
  Chemical  
  1974
- **Harry L. Tredennick III**  
  Electrical  
  1970

### 1996
- **Keh-Shew Lu**  
  Electrical  
  1969
- **James H. Posey**  
  Petroleum  
  1964
- **Wolfgang Vogel**  
  Industrial  
  1970
- **Margaret R. Walker**  
  Chemical  
  1974
- **C. Clayton Yeager**  
  Civil  
  1964

### 1995
- **William G. Burnett**  
  Civil Engineering  
  1971
- **Patrick R. Gallagher**  
  Electrical  
  1964
- **Bob L. Herd**  
  Petroleum  
  1957
- **Larry D. McVay**  
  Mechanical  
  1970
- **David G. Wight**  
  Petroleum  
  1964

### 1994
- **Raymond E. Goff**  
  Industrial  
  1969, 1970
- **William R. “Bob” Herrin Jr.**  
  Petroleum  
  1958
- **Karen S. Hogg**  
  Industrial  
  1974
- **Mary Jo Poindexter**  
  Civil  
  1968
- **Louis “Jack” Powers**  
  Mechanical  
  1939
- **Anil Prabhakar**  
  Electrical  
  1979

### 1993
- **Charles A. Bassett II**  
  Electrical  
  1960
- **Jack L. Clem**  
  Mechanical  
  1975
- **L. D. “Buddy” Sipes Jr.**  
  Petroleum  
  1957
- **J. Rex Vardeman**  
  Civil  
  1961
- **Gary B. Wood**  
  Electrical  
  1973, 1975, 1977

### 1992
- **Jack L. Byrd**  
  Petroleum  
  1956
- **R. D. Cash**  
  Industrial  
  1966
- **F. Max Merrell**  
  Chemical  
  1957
- **James G. Renfro**  
  Electrical  
  1959

### 1991
- **Arnold Maeker**  
  Civil  
  1946
- **E. Dave Newman**  
  Mechanical  
  1964
- **Albert A. “Pete” Smith**  
  Electrical  
  1966
- **John Michael Stinson**  
  Industrial  
  1966
- **Bill G. W. Yee**  
  Electrical  
  1961, 1964

### 1990
- **William A. Blackwell**  
  Electrical  
  1949
- **R. David Damron**  
  Chemical  
  1971
- **Robert E. Dragoo**  
  Mechanical  
  1962
- **Bill D. Helton**  
  Electrical  
  1964
- **Allen P. Penton**  
  Chemical  
  1957

### 1989
- **Chester A. Green**  
  Civil  
  1947
- **Jerry D. Holmes**  
  Electrical  
  1959
- **Charles E. Houston**  
  Electrical  
  1931
- **Joseph E. Minor**  
  Civil  
  1974
- **L. Homer Moeller**  
  Industrial  
  1962

### 1988
- **Melvin Bobo**  
  Mechanical  
  1949
- **E. R. Brooks**  
  Electrical  
  1961
- **Carrie F. Judz**  
  Petroleum  
  1969
- **H. Bennett Reaves**  
  Civil  
  1948
- **Noel D. Rietman**  
  Petroleum  
  1957

### 1987
- **George C. Beakley, Jr.**  
  Mechanical  
  1947
- **James A. McAuley**  
  Petroleum  
  1953
- **J. Garland Threadgill**  
  Civil  
  1950
- **D. Wyman Tidwell**  
  Chemical  
  1961

### 1986
- **Gerald L. Farrar**  
  Chemical  
  1942
- **T. Scott Hickman**  
  Petroleum  
  1957
- **Robert E. Hogan**  
  Civil  
  1950
- **George F. Watford**  
  Petroleum  
  1948

### 1985
- **Glenn C. Bandy**  
  Electrical  
  1949
- **James W. Clifton**  
  Electrical  
  1960
- **Jesse L. George, Jr.**  
  Petroleum  
  1947
- **Charles L. Harris**  
  Textile  
  1947
- **James W. Lacy**  
  Petroleum  
  1949
- **Robert J. Lewis**  
  Civil  
  1949
- **Russell H. Logan**  
  Electrical  
  1951
- **Wendell Mayes, Jr.**  
  Electrical  
  1949
- **William D. Trammell**  
  Chemical  
  1957
- **Edward E. Whitacre Jr.**  
  Industrial  
  1964
- **Alpha M. Wiggins**  
  Electrical  
  1933
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<td>Kenneth W. Robbins</td>
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<td>Gary E. Frasher</td>
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<td>Harley D. Henry</td>
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<td>Leon Ince</td>
<td>Mechanical</td>
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<td>E. Carlyle Smith Jr.</td>
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<td>Joe A. Stanley</td>
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<td>Paul B. Crawford</td>
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<td>Richard J. Robinson</td>
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