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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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

Henning Oeltjenbruns, Ph.D.

Distinguished Engineer » 2015
M.S. » Industrial Engineering » 1993
General Manager
Daimler Trucks North America's Freightliner Plant

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

Distinguished Engineer » 2015
B.S. » Chemical Engineering » 1983
Vice President for Product Quality
Mary Kay, Inc.

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

Distinguished Engineer » 2015
B.S. » Mechanical Engineering » 1972
Founder, Executive Vice President, and Chief Operating Officer
Talos Energy LLC

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

Distinguished Engineer » 2015
B.S. » Petroleum Engineering » 1970
Senior Vice President of Operations Services
Pioneer Natural Resources

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

Distinguished Engineer » 2015
B.S. » Mechanical Engineering » 1943
Special Prisoner of War in Japan, World War II
Engineer, General Dynamics

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 dungeons 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 Distinguished Engineer Award

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	1965
	Engineering	1970
Lori Sisco Flansburg	Mechanical	1978, 1984
Erna Grasz	Electrical	1985
Louis Gritzo	Mechanical	1988, 1990, 1992
Victoria Richards Harkins	Biochemistry	1992
	Civil	1995, 1998
Wade Smith	Mechanical	1989
Lloyd Whetzel	Elec. Engr. Tech.	1993

2013

Kelly J. Beierschmitt	Industrial	1992
Ben A. Calloni	Cmp. Sci.	1992, 1997
Joe D. Gamble	Civil	1962, 1963
Tom Jacobs	Const. Engr. Tech.	1987
Jack L. McCavit	Chemical	1970
Scott P. Moore	Electrical	1982
James Thompson	Electrical	1968, 1970, 1974

2012

Capt. John D. Alexander	Mechanical	1982
Elizabeth F. Holland	Industrial	1984
James E. Lowder	Mechanical	
Alan L. Smith	Petroleum	1985
Karan Watson	Electrical	1977, 1981, 1982

2011

Dennis Carroll	Cmp. Sci.	1987, 1989, 1991
Randy Crawford	Chemical	1949
Terry Fuller	Petroleum	1977
Paul Grimmer	Chemical	1977
William Guion	Electrical	1966, 1968, 1970
Mary Anne Hicks	Industrial	1979
Jack Rentz	Mechanical	1974
Walter T. Winn Jr.	Civil	1972, 1973

2010

Jeff Bayer	Civil	1979
Mica Endsley	Industrial	1982
Thomas A. Harper	Cmp. Sci.	1988, 1995
Allen D. Howard	Electrical	1978
Randy Howard	Mechanical	1972

2009

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

2008

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

2007

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

2006

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

2005

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

2004

Joseph J. Beal	Civil	1968
Philip L. Frederickson	Industrial	1978
Louis D. Jones	Petroleum	1976
Chung-Shing "C.S." Lee	Electrical	1978
	Bus. Admin.	1982

2003

Roy A. Battles	Mechanical	1969
William M. Marcy	Electrical	1964, 1966
	Inter. Engr	1972
Fredrick S. Yeatts	Electrical	1970

2002

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

2001

Ming Chiang	Electrical	1978
Enoch L. Dawkins	Petroleum	1960

2000

Robert C. "Bob" Banasik	Industrial	1967
Robert R. Click	Chemical	1948
W. R. "Rick" Hamm	Civil	1970
Jimmy D. Williams	Mechanical	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.	1973
	Mechanical	1976

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
Arati 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
Larrie F. Judd	Electrical	1965, 1967, 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

1984

Jerry C. Edmonson	Electrical	1963
Robert L. Hale	Textile	1948
John C. Mihm	Chemical	1964
James P. Myers	Industrial	1969
Thomas J. Reeves	Civil	1963
Kenneth W. Robbins	Petroleum	1943

1983

Gary E. Frashier	Chemical	1958
Harley D. Henry	Petroleum	1959
Leon Ince	Mechanical	1936
E. Carlyle Smith Jr.	Architect. & Civil	1963
Joe A. Stanley	Civil	1939
Walter D. Warren	Electrical	1959

1982

Larry R. Byrd	Industrial	1957
Paul B. Crawford	Chemical	1943
Robert B. Dyer	Industrial	1960
Joseph W. Luckett Jr.	Petroleum	1948

1981

Roger K. Owen	Electrical	1948
Richard I. Robinson	Chemical	1952
Ben R. Stuart	Mechanical	1957
Allan J. Tomlinson Jr.	Chemical	1954

1980

Charles Robert Black	Petroleum	1958
James L. D'Acosta	Industrial	1950
Hugh R. Fewin	Civil	1957
James Harold Yeager	Chemical	1942

1979

Scott G. Arbuckle	Industrial	1957
Lynn H. Elliott	Electrical	1958
Norman M. Jasper	Industrial	1960
H. Alan Nelson	Petroleum	1947

1978

Richard W. Hurn	Mechanical	1940
T. A. Rogers	Electrical	1928
Gerald R. Seemann	Mechanical	1959
Horace L. Smith	Civil	1948

1977

John S. Ball	Chemical	1934
Donald R. Clark	Industrial	1959
A. L. Kincheloe	Civil	1950
Orval L. Lewis	Mechanical	1939

1976

Charles Ovid Baker	Chemical	1939
Dan T. McDonald	Chemical	1938
Evan E. Roberts	Architectural	1948
Billie J. Whitworth	Industrial	1949

1975

Mack Atcheson	Chemical	1942
Ray Butler	Petroleum	1949
George Raymond Coffman	Electrical	1936
George W. Dupree	Electrical	1938
Herbert S. Erskine	Petroleum	1950
Howard Houston Hinson	Geological	1934
Guillermo E. Perea	Textile	1951
Berl M. Springer	Industrial	1943
Louis Dixie Stevens	Electrical	1948
David Charles Williams	Mechanical	1947

1974

John R. Bradford	Chemical	1942
Henry H. Meredith Jr.	Mechanical	1939
John W. Sheehan	Chemical	1939
R. L. Williams	Mechanical	1941

1973

James W. Harrell	Textile	1935
A. M. L. Kube	Industrial	1942
Paul C. Nail	Mechanical	1947
James H. Wright	Chemical	1948

1972

J. Fred Bucy	Engr. Physics	1951
Arthur W. Busch	Civil	1950

1971

Roy Butler	Petroleum	1949
Earnest F. Gloyna	Civil	1946
Edwin B. Locke	Mechanical	1948
Donovan Maddox	Textile	1934

1970

Miles Roger Clapp	Mechanical	1933
Lester Lynne Kilpatrick	Electrical	1946
Jack F Maddox	Textile	1929

1969

R. Trent Campbell	Civil	1932
W. Lyle Donaldson	Electrical	1938
Dysart E. Holcomb	Chemical	1937

1968

W. Austin Davis	Mechanical	1936
Charles W. Woolridge	Textile	1930

1967

William W. Akers	Chemical	1943
Byron J. Bennett	Electrical	1943
Charles H. Feltz	Mechanical	1940
H. Elliott Knox	Textile	1935

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


SEAL OF TEXAS TECH UNIVERSITY
DISTINGUISHED ENGINEER

TEXAS TECH UNIVERSITY

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