

Reservoir streamlines

The Harold Vance Department of Petroleum Engineering at Texas A&M University is one of the top petroleum engineering programs in the United States, ranking first or second at both the undergraduate and graduate levels for many years.

We want "I am an Aggie Petroleum Engineer" to be the most respected, prestigious self-definition within the petroleum engineering profession.

Our mission is:

- to create, preserve, integrate, transfer and apply petroleum engineering knowledge; and
- to produce capable future engineers and to enhance the capabilities of current practitioners

Our primary goals are to produce highly-qualified U.S. and international graduates, place these graduates into entry-level industry positions or graduate and professional programs, conduct world-class research in our field, and provide service to our profession and our industry.

Our undergraduate curriculum provides every student with a solid foundation in petroleum engineering fundamentals, but we also insist on experience in the industry through internships. As a result, our graduates enter the industry ready to be productive contributors. They also understand the need to continue to learn and improve their skills throughout their careers.

Our graduate programs stress continued education and specialization. The M.S. and Ph.D. programs offer opportunities to conduct original research, working closely with renowned faculty. The M.Eng. program allows accepted applicants to work on their degree from anywhere in the world through distance learning.

Degrees awarded Dec. 2015-Aug. 2016		Cumulative degrees since 1930	
Bachelor's	147	Bachelor's	5069
Master's	100	Master's	1497
Ph.D.	14	Ph.D.	357

Ranking

Among all institutions,
per *U.S. News and World Report*
Undergraduate program
Graduate program

No. 2
No. 2

Enrollment

2016-2017
Undergraduate
Graduate
College of Engineering
Texas A&M University

626
399
15,311
59,133

Diversity %

Female
Hispanic
Asian
African American
Two or more
American Indian
Hawaiian Island
International

17.7
12.4
8.4
1.6
2.2
0.3
0.1
23.9

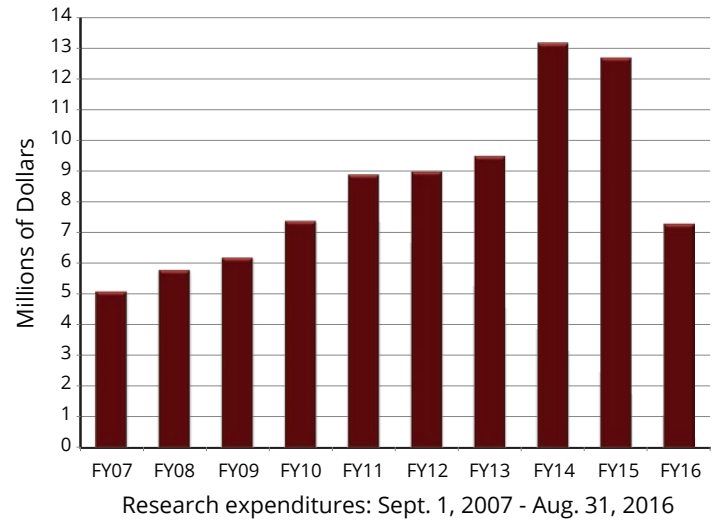
Financial Assistance

Department undergraduate
scholarships (287)
Graduate fellowships (30)

\$556,000
\$57,300

Faculty

University Distinguished professors	1
Professors	16
Associate professors	4
Assistant professors	6
Lecturers	3
Professors of practice	10
Visiting professors	1
National Engineering Academy members	3
Society of Petroleum Engineers distinguished members	18
Scholarly publications produced:	
conference papers	106
referred journal papers	74



Research

We have the largest and broadest petroleum engineering faculty in the U.S., so we have a large, diverse portfolio covering virtually all aspects of petroleum engineering research. Our funding comes from federal, state, industrial, and other sources.

Department Research Programs

Acid Stimulation Research

improves matrix stimulation with experimental acidizing processes and theoretical simulation models

Chaparral-Fischer CO₂ Enhanced Oil Recovery Center

investigates carbon dioxide as an enhanced oil recovery agent in conventional and unconventional reservoirs

Crisman Institute for Petroleum Research

enhance development of petroleum engineering technology through industry-directed research

Foundation CMG Chair Research

pursues robust reduced complexity modeling in reservoir engineering

Heavy Oil, Oil Shales, Oil Sands, and Carbonate Analysis and Recovery Methods

investigates recovery of unconventional oil resources using environmentally friendly and economic solutions

Model Calibration and Efficient Reservoir Imaging

improves reservoir modeling, history matching and streamline simulation technologies



Contact information:

Harold Vance Department of Petroleum Engineering
 3116 TAMU | College Station TX 77843-3116
 979.845.2241
 info@pe.tamu.edu



**HAROLD VANCE DEPARTMENT OF
 PETROLEUM ENGINEERING**
 TEXAS A&M UNIVERSITY

engineering.tamu.edu/petroleum