

# HAROLD VANCE DEPARTMENT OF PETROLEUM ENGINEERING

<http://engineering.tamu.edu/petroleum/>

**Head:** Jeff Spath

**Graduate Advisor:** Jenn-Tai Liang

The Department of Petroleum Engineering offers graduate degree programs and coursework at both the master's and doctoral levels. The graduate program in Petroleum Engineering at Texas A&M University is recognized for excellence in teaching and research both nationally and internationally, and this program is consistently rated as one of the best graduate programs in Petroleum Engineering by U.S. News and World Report. Details concerning the faculty, current research projects and technology specialties can be found at our website <http://engineering.tamu.edu/petroleum/>

## Degree Programs

The Department offers traditional MS and PhD degrees that emphasize technical skills and research capabilities and MEng and DEng degrees that emphasize practical engineering skills along with business and management practices. In all degree programs, students who enter with undergraduate degrees (BS or equivalent) in other fields of engineering or closely related study (including physics and geosciences) will be required to take at least three courses from a core curriculum that represents each of the major areas of study in the industry; these courses will count as part of the degree requirement.

Students who enter the program with degrees other than engineering, physics, or geosciences will be required to complete preparatory study at the undergraduate level before beginning graduate coursework. These prerequisite courses will not count toward degree requirements.

## Faculty

Abedi Mashhadimighani, Sara, Associate Professor  
Petroleum Engineering  
PHD, University of Southern California, 2012

Akkutlu, Ibrahim Y, Professor  
Petroleum Engineering  
PHD, University of Southern California, 2002

Al-Mohannadi, Nasser, Professor of the Practice  
Petroleum Engineering-Qatar  
PHD, Colorado School of Mines, 2004

Alyafei, Nayef M, Associate Professor  
Petroleum Engineering-Qatar  
PHD, Imperial College London, United Kingdom, 2015

Amani, Mahmood, Professor  
Petroleum Engineering-Qatar  
PHD, Texas A&M University, 1997

Banerjee, Debjyoti, Professor  
Petroleum Engineering  
PHD, University of California at Los Angeles, 1999

Barrufet, Maria A, Professor  
Petroleum Engineering  
PHD, Texas A&M University, 1987

Bastian, Peter A, Professor of the Practice  
Petroleum Engineering  
MS, Texas A&M University, 1983

Blasingame, Thomas A, Professor  
Petroleum Engineering  
PHD, Texas A&M University, 1989

Dattagupta, Akhil, University Distinguished Professor and Regents Professor  
Petroleum Engineering  
PHD, The University of Texas at Austin, 1992

Diyashev, Iskander, Professor of the Practice  
Petroleum Engineering  
PHD, Texas A&M University, 1998

Elbashir, Nimir O, Professor  
Petroleum Engineering-Qatar  
PHD, Auburn University, 2004

Fadlemlula, Mohamed, Instructional Assistant Professor  
Petroleum Engineering-Qatar  
PHD, Middle East Technical University, 2012

Gildin, Eduardo, Professor  
Petroleum Engineering  
PHD, The University of Texas at Austin, 2006

Hasan, Abu Rashid, Research Professor  
Petroleum Engineering  
PHD, University of Waterloo, 1979

Hascakir, Berna, Associate Professor  
Petroleum Engineering  
PHD, Middle East Technical University, 2008

Hill, Alfred D, Regents Professor  
Petroleum Engineering  
PHD, The University of Texas at Austin, 1978

Jochen, John E, Senior Lecturer  
Petroleum Engineering  
MS, Texas A&M University, 1993

Jochen, Valerie Ann, Professor of the Practice  
Petroleum Engineering  
PHD, Texas A&M University, 1994

Kim, Jihoon, Associate Professor  
Petroleum Engineering  
PHD, Stanford University, 2010

King, Michael J, Professor  
Petroleum Engineering  
PHD, Syracuse University, 1980

Laprea Bigott, Marcelo, Professor of the Practice  
Petroleum Engineering  
PHD, Texas A&M University, 1979

Lee, William J, Regents Professor  
Petroleum Engineering  
PHD, Georgia Institute of Technology, 1963

Liang, Jenn T, Professor  
Petroleum Engineering  
PHD, The University of Texas at Austin, 1988

Maggard, Bryan, Senior Lecturer  
Petroleum Engineering  
PHD, Texas A&M University, 2000

McVay, Duane A, Professor  
Petroleum Engineering  
PHD, Texas A&M University, 1994

Medina Cetina, Zenon, Associate Professor  
Petroleum Engineering  
PHD, John Hopkins University, 2007

Misra, Siddharth, Associate Professor  
Petroleum Engineering  
PHD, The University of Texas at Austin, 2015

Moridis, George J, Professor  
Petroleum Engineering  
PHD, Texas A&M University, 1987

Nascentes Alves, Ibero, Professor of the Practice  
Petroleum Engineering  
PHD, University of Tulsa, 1991

Nasrabadi, Hadi, Associate Professor  
Petroleum Engineering  
PHD, Imperial College London, United Kingdom, 2006

Noynaert, Samuel F, Associate Professor of the Practice  
Petroleum Engineering  
PHD, Texas A&M University, 2013

Okoroafor, Esuru, Assistant Professor  
Petroleum Engineering  
PHD, Stanford University, 2021

RABBANI, HARRIS SAJJAD, Research Assistant Professor  
Petroleum Engineering-Qatar  
PHD, University of Manchester, 2018

Rahman, Mohammad A, Associate Professor  
Petroleum Engineering-Qatar  
PHD, University of Alberta, 2010

Retnanto, Albertus, Professor of the Practice  
Petroleum Engineering-Qatar  
PHD, Texas A&M University, 1998

Rodrigues De Paula Lima, Heitor, Professor of the Practice  
Petroleum Engineering  
PHD, Texas A&M University, 1998

Schechter, David S, Professor  
Petroleum Engineering  
PHD, University of Bristol, 1989

Schubert, Jerome, Senior Professor  
Petroleum Engineering  
PHD, Texas A&M University, 1999  
PHD, Texas A&M University, 1999

Seers, Thomas D, Research Assistant Professor  
Petroleum Engineering-Qatar  
PHD, University of Manchester, 2016

Spath, Jeffrey B, Professor  
Petroleum Engineering  
PHD, Mining University of Leoben, Austria, 1996

Suarez-Rivera, Roberto, Adjunct Professor  
Petroleum Engineering  
PHD, University of California - Berkeley, 1992

Sun, Yuefeng, Professor  
Petroleum Engineering  
PHD, Columbia University, 1994

Voneiff, George W, Professor of the Practice  
Petroleum Engineering  
MS, Texas A&M University, 1992

Wu, Kan, Associate Professor  
Petroleum Engineering  
PHD, The University of Texas at Austin, 2014

Zhu, Ding, Professor  
Petroleum Engineering  
PHD, The University of Texas at Austin, 1992

## Masters

- Master of Engineering in Petroleum Engineering (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/petroleum/meng/>)
- Master of Science in Petroleum Engineering (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/petroleum/ms/>)

## Doctoral

- Doctor of Philosophy in Petroleum Engineering (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/petroleum/phd/>)

## Certificates

- International Petroleum Management Certificate (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/petroleum/international-petroleum-management-certificate/>)