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, Assistant Professor
Petroleum Engineering
PHD, University of Southern California, 2012

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

Banerjee, Debjyoti, Professor
Petroleum Engineering
PHD, University of Southern California, 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

Cunha, Jose, Professor of the Practice
Petroleum Engineering
PHD, The University of Tulsa, 1995

Dattagupta, Akhil, University Distinguished Professor
Petroleum Engineering
PHD, University of Texas, 1992

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

Gildin, Eduardo, Associate Professor
Petroleum Engineering
PHD, University of Texas, 2006

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

Hill, Alfred D, Professor
Petroleum Engineering
PHD, University of Texas, 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

Killough, John E, Professor
Petroleum Engineering
PHD, Rice University, 1986

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, 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, University of Texas at Austin, 2015

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

Morita, Nobuo, Professor
Petroleum Engineering
PHD, The University of Texas at Austin, 1974

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

Nasr-El-Din, Hisham A, Professor
Petroleum Engineering
PHD, University of Saskatchewan, 1984

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

Noynaert, Samuel F, Assistant Professor
Petroleum Engineering
PHD, Texas A&M University, 2013

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

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

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

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

Weijermars, Rudy, Professor
Petroleum Engineering
PHD, University of Uppsala, 1987

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

Zhu, Ding, Professor
Petroleum Engineering
PHD, University of Texas, 1992

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**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/)