

# Harold Vance Department of PETROLEUM ENGINEERING

## Enrollment Fall 2009

<b>Undergraduate Students</b>	<b>609</b>	<b>Graduate Students</b>	<b>254</b>
Average SAT Score	1259	Ph.D.	72
		Master's	221

## Quality Indicators

<b>Total Faculty</b>	<b>32</b>	<b>U.S. News &amp; World Report Rankings</b> Rankings Among Public Institutions	Endowed Chair Holders	7
Professors	13		Endowed Professorship Holders	3
Associate Professors	5	<b>1</b> Undergraduate	National Academy of Engineering Members	3
Assistant Professors	4	<b>2</b> Graduate		
Non-tenured/Non-tenure Track	10			

## Centers and Laboratories

Acid Stimulation Laboratory  
Crisman Institute for Petroleum Research  
Engineering Imaging Laboratory  
Evaluation of Oilfield Chemicals Laboratory  
Fracture Conductivity Laboratory  
Gas Hydrates Laboratory  
Global Petroleum Research Institute (TEES)

High-Pressure/High-Temperature Fluid  
Property Measurement Laboratory  
Integrated Reservoir Investigations Laboratory  
Mobil Undergraduate Teaching Laboratory  
for Core Analysis  
Model Calibration and Efficient Reservoir  
Imaging (MCERI)  
Oilfield Brine Processing Laboratory

Productivity Enhancement Laboratory  
Ramey Thermal Recovery Laboratory  
Rheology of Non-Newtonian Fluids  
Riverside Field-Scale Production Test Facility  
Rock Mechanics Laboratory  
Texaco Drilling Fluids Laboratory  
Tommy E. Lohman Fluid Measurement Laboratory

## Research Areas

### Crisman Institute for Petroleum Research

#### Center for Energy, Environment, and Transportation Innovation

- Energy
- Environmental and Water Issues
- Transportation Innovation

#### ChevronTexaco Center for Well Construction and Production

- Advanced Drilling Technology
- Advanced Production Technology
- Deep Gas Well Construction
- Well Construction
- Well Stimulation

#### Halliburton Center for Unconventional Resources

- Coalbed-Methane Reservoirs
- Heavy Oil Recovery
- Natural Gas Hydrate Reservoirs
- Resource Assessments and Uncertainty
- Shale Gas
- Tight Gas

#### Schlumberger Center for Reservoir Description and Dynamics

- Analysis of Reservoir Performance
- Enhanced Recovery
- Formation Evaluation
- Naturally Fractured Reservoirs
- Reservoir Simulation
- Reservoir Visualization