



CHEVRON CENTER OF RESEARCH EXCELLENCE
COLORADO SCHOOL OF MINES



Achieving Excellence in **EDUCATION** and **RESEARCH**



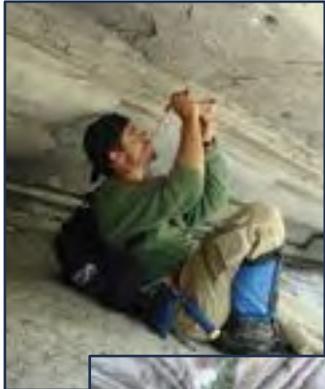
while **TRAINING** and
RECRUITING for the Future

core.mines.edu

Colorado School of Mines
Department of Geology & Geological Engineering

Research

The Chevron Center of Research Excellence (CoRE) focuses on addressing challenges faced by the Chevron Energy Technology Company (ETC) in exploration, production, and development of deepwater, fluvial, and shallow marine reservoirs. Using a quantitative outcrop characterization research approach, the Center develops databases and empirically based rules and workflows.



Deepwater Research Program

CoRE is actively studying these outcrops of deepwater systems:

1. Late Cretaceous Point Loma Formation, CA;
2. Miocene Modelo Formation, CA; and
4. Miocene Towsley Formation, CA.



Fluvial Research Program

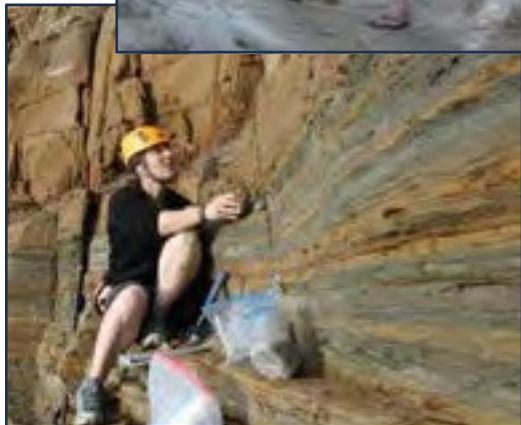
CoRE is actively studying outcrops of these fluvial systems:

1. Chinle Formation, Arizona;
2. Wasatch Formation, Utah.

Shallow Marine Research Program

CoRE is actively studying outcrops of these shallow marine systems:

1. Bakken Formation, North Dakota;
- 2.



Recruiting

As one of the world's leading energy companies, Chevron places an exceptionally high priority on identifying and supporting the best and the brightest students in geosciences and engineering, and then encouraging them to consider a career at

Chevron. CoRE provides students access to a worldwide and world-class company that:

- Is a technically sophisticated partner that understands the forces which shape our energy industry and business.
- Has a commitment to meeting the world's energy needs.
- Places a high value on developing its human resources.
- Leverages management expertise in identifying and meeting diverse challenges.
- Demonstrates a wide range of project management competencies.
- Employs cutting-edge technology.

Recruiters visit Mines to interview and recruit students twice a year during the Fall & Spring Career Days. For more information about working at Chevron, visit:

careers.chevron.com

Training

CoRE cross-leverages the capabilities of Mines and Chevron to provide high quality courses and training activities. This unique educational reciprocity provides access to a diverse array of short courses, field trips, and lectures.



Education

CoRE is an innovative industry - academic partnership that promotes world-class research and education. The Center

funds 4-6 graduate students per year; successful applicants contribute to one of three funded projects.

Invitation to Apply

The Center invites applications for funded PhD and MS Research Assistantships. Applicants for PhD assistantships must have an MS in geology or related field at the time of appointment. Interested students should apply online and specifically mention working with CoRE in the Statement of Goals.

Apply Online

mines.edu/graduate_admissions



A Unique Industry-Academic Partnership

Chevron University Partnership Program

The Chevron University Partnership Program offers Mines' students and faculty the opportunity to participate in practical, hands-on programs and cutting-edge research. Using resources from current Chevron projects, university researchers and Chevron scientists collaborate to probe the frontiers of today's dynamic energy systems.

Knowledge Transfer

Effective knowledge transfer is paramount for optimizing the application of scientific results in industry-academia partnerships. CoRE deliverables focus on: publications, presentations, workshops, and field trips with Chevron collaborators. Researchers contribute to the greater scientific community by publishing peer-reviewed articles, delivering conference presentations, and leading geologic field trips.

Energy Industry and Academic Partnership

CoRE History

On October 16, 2003, Chevron's Energy Technology Company (ETC) and the Colorado School of Mines (Mines) entered into a long term agreement which established the Chevron Center of Research Excellence (CoRE).

CoRE Partnership

The partnership provides advanced education and training activities, yielding positive and mutually beneficial experiences. Research collaboration allows ETC and Mines to leverage expertise in exploration, production, and development of oil and gas reservoirs.

CoRE Vision Statement

The Chevron Center of Research Excellence (CoRE) is a long term relationship established between Chevron and Mines that promotes the **research**, **education**, **recruiting**, and **training** objectives of both organizations and is shaped in the context of common value drivers.

- CoRE provides a unique structure that enables step-change advances in science and technology
- CoRE delivers research that significantly influences Chevron work processes and business decisions commensurate with investment levels
- CoRE research influences the direction of scientific research in selected areas and significantly enhances the scientific prestige of Mines
- CoRE provides high quality advanced degree educational opportunities for Chevron international employees
- CoRE program consistently delivers high quality students to Mines that enhance the viability and status of Mines as an educational institute
- CoRE provides Chevron with unique recruiting opportunities for top students and highlights Chevron as a Company of Choice
- CoRE promotes Mines as a research institute that attracts and retains high quality faculty, staff and students

CoRE Contacts

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