CWP alumni say...

“CWP and the CSM Geophysics Department have been great environments to learn all the different facets of exploration geophysics. I consider myself privileged to have studied with top-notch researchers like the CWP faculty, and to enjoy my graduate student experience surrounded by smart, passionate fellow students.”

Francesco Perrone, PhD - 2013
CGG

“The skills that I learned at CWP have already helped my career tremendously. I feel fortunate to have earned my degree from CWP and for the experience of working with passionate faculty members and students. I truly believe my time spent there helped accelerate my career.”

Chris Engelsma, MS - 2011
Chevron Energy Technology Company

“CWP is an ideal place to work on a PhD for exploration geophysics. CWP has one of the strongest exploration programs in that it accommodates people with all different research interests. As a result, CWP graduates usually possess a broad research horizon. One other great benefit CWP offers is its strong connection with industry.”

Jia Yan, PhD - 2009
ExxonMobil Upstream Research Company

Questions?

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The Center for Wave Phenomena (CWP) at the Colorado School of Mines supports a graduate-level interdisciplinary research and education program in seismic exploration, monitoring and wave propagation.

The main focus of CWP is on seismic modeling, imaging and inversion methods, as well as on improving the accuracy and efficiency of seismic processing algorithms, especially for application to regions of structural complexity.

CWP seeks candidates with a strong background in earth sciences, applied mathematics, computer science, or physics to pursue Master’s and Doctoral degrees in geophysics.

CWP is home to the Consortium Project on Seismic Inverse Methods for Complex Structures. The Consortium is supported by leading companies in the oil and service industries, government agencies and academia in both domestic and international settings.

CWP students have opportunities to interact closely with representatives from our sponsor companies on the CSM campus, at sponsor company sites and at professional meetings. CWP students are frequently invited to take internship positions in our sponsor companies.

CWP faculty are deeply committed to quality geophysical education and thrive on solving problems of practical interest to the exploration industry. CWP graduates are heavily recruited by industry, government and academia. CWP students live and work in beautiful Golden, Colorado.

In addition, CWP offers the following:

- cutting-edge research projects with our team of internationally-recognized faculty
- diversity of research directions and cultural backgrounds
- growth, creativity and independence through a nurturing and caring atmosphere
- year-round student funding
- state-of-the-art computers and equipment
- close-knit environment and freedom of exchange among faculty and students
- assistance in securing summer internship opportunities

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