What CWP alumni say

“CWP is a great research consortium with a very strong faculty and talented students. I cannot think of a better place for someone who is interested in pursuing a focused and high-quality program in geophysics.”

Kurang Mehta, Ph.D.  
Class of 2007  
Shell Exploration and Production

“The Center for Wave Phenomena was where I first experienced a world class research environment. You will find it to be a great springboard into a life of scientific discovery.”

Phil Anno, Ph.D.  
Class of 1993  
ConocoPhillips Surface Technology Research

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 strong background in earth sciences, applied mathematics, computer science, or physics to pursue MSc. or Ph.D. degrees in geophysics.

CWP is home to the Consortium Project on Seismic Inverse Methods, which is supported by 30 major oil and service companies, as well as various government agencies.

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. In addition, CWP offers the following:

- CWP students work on cutting-edge research projects with our team of internationally-recognized faculty
- CWP offers year-round student funding
- CWP provides students with state-of-the-art computers
- CWP fosters a close-knit environment that encourages freedom of exchange among faculty and students
- CWP assists students in securing summer internship opportunities
- CWP graduates are heavily recruited for industry, government and academia
- CSM is located in Golden, Colorado, an area with abundant recreational, natural environment and cultural opportunities

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