

Physics @

California State University
DOMINGUEZ HILLS



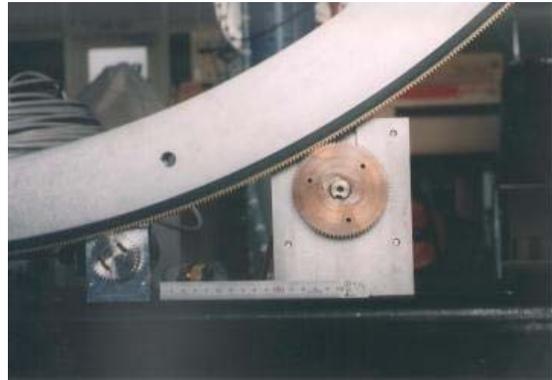
COLLEGE OF
Natural and Behavioral Sciences

The department of Physics at CSU Dominguez Hills invites hard-working and enthusiastic students to earn a bachelors degree in Physics. The physics department regularly involves students in world-class research.

1.) Smaller classes and a friendlier environment than large State Universities such as UCLA, Cal Poly Pomona, CSU Fullerton or CSU Long Beach.



2.) Become a Science Teacher and help shape the lives of others! At CSU Dominguez Hills we have full-time Professors who are working to help students become teachers. Our **Physical Science option** has a solid curriculum that will give you the knowledge and experience to help you become a good high school physics teacher. We'll also take care of you! We are currently developing "waiver programs" in the natural sciences to help you get your credential. School districts actively recruit students on our campus for teachers. Make the first step toward a rewarding teaching career!



3.) Prepare for grad school or a technical job. Choose our **General Physics option** and learn exciting, theoretical and applied Physics that you can use in graduate school or in the workplace. Physics majors go on to highly paid jobs like engineering and technology consulting, medical careers, aerospace, geophysics, university teaching or research, and many more.

4.) If you are more certain about a specific choice, we also have an **Electrical Engineering option** with a direct link to the masters program at CSU Fullerton.

Our full-time Faculty:



(left to right:)

Dr. Jim Hill: Particle and cosmic ray physics; science education research; dept. chair
(310)243-3515 jhill@csudh.edu

Dr. A. Newman: plasma physics & science education research
anewman@csudh.edu

Dr. John Price: nuclear physics research
jprice@csudh.edu

Dr. K. Ganezer: particle, gravitational wave, & medical physics research
kganezer@csudh.edu

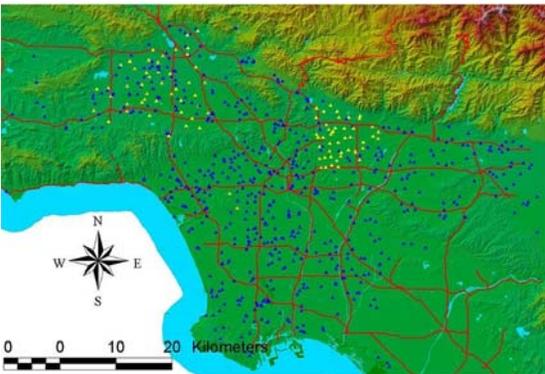
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Prof. Jim Hill looks on as the frame for a detector he designed is moved into place by crane at an accelerator lab (KEK) in Japan. This is part of work with a collaboration of over a hundred scientists from the US, Japan, Korea, and Europe.



Yellow and blue dots on a map of the L.A. region show locations of present and future detectors in the California High School Cosmic Ray Observatory, a collaborative research project hosted by CalTech and involving CSUDH.



One of the sites of the Long-Baseline Gravitational wave Interferometer (LIGO) at which Prof. Ganezer does research with another large international collaboration.



Prof. Price's nuclear physics research at Jefferson Lab in Virginia involves other large particle detectors. Here the CLAS detector is being constructed to study the mechanism of production of matter in the universe.

