2006 Science Primary Adoption CRP Applicants - Cohort 3

Number	First Name	Last Name	Title	Employer
123	Nicholas	Davatzes	Research Geologist: Mendenhall Post-doctoral Research Fellow	U.S. Geological Survey

Highest Degree	Region	Gender
Ph.D. Geology/Geomechanics, Stanford University	North	M

Expertise

Expertise: Geology, Physics, Mechanics

Teaching: Teaching Assistant - Introductory Geology, Depositional Systems, Characterization and Hydraulics of Rock Fractures, Diagenesis and Transfer Processes in Sedimentary Basins, Physical Geology

Summary

The candidate is currently a Post-doctoral Research Fellow, conducting research on earthquake mechanics as related to earthquake hazards analysis and the extraction of electricity from geothermal fields. He has a strong background in general geology (including dynamic processes in the earth, such as plate tectonics, and the history of the earth and solar system), and specialized knowledge of fluid flow in the subsurface and earthquake mechanics. He has authored several papers and lectured on geothermal energy. The candidate has a Ph.D. in Geology and Geomechanics from Stanford University.

Number	First Name	Last Name	Title	Employer
124	John	Solum	Post-doctoral Research Fellow	U.S. Geological Survey

Highest Degree	Region	Gender
Ph.D. Geology, University of Michigan	North	M

Expertise

Expertise: Geology/Earth Sciences

Teaching: Graduate Student Instructor - Introductory and Structural Geology

Summary

The candidate is a Post-doctoral Research Fellow with the U.S. Geological Survey, working on characterization of samples from the San Andreas Fault Observatory. He is an expert in the field of structural geology, including tectonics, and has taught college classes in Introductory and Structural Geology. He has authored several papers on aspects of faults. The candidate has Ph.D. in Geology from the University of Michigan.

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Number	First Name	Last Name	Title	Employer
125	Dennis	Kurtz	Principal	Hollister School District

Highest Degree	Region	Gender
Ph.D. Geology, Rice University	North	M

Expertise

Expertise: Earth Science, Chemistry, Physics

Teaching: Grade 5 - Science, Middle School - Physical Science, High School - General Science, Earth Science, Honors Chemistry, Physics; Undergraduate/Graduate Classes - Geology, Geophysics; Adult Education-workshops in Science Teaching Methodologies

Summary

The candidate is currently an elementary school principal, overseeing curriculum implementation, professional development, and teaching and learning as they relate to the California academic standards in Language Arts, Mathematics, Science, and Social Studies for students and teachers from preschool through grade five. Over the past twenty years, he has been a classroom teacher, Science Department Chair, and Assessment Mentor. He has worked with the Science Framework since the mid-1980s and the Science Content Standards since their inception. The candidate has a Ph.D. in Geology from Rice University.

Number	First Name	Last Name	Title	Employer
126	Michal	Danin-Kreiselman	Biology Teacher	Kennedy High School

Highest Degree	Region	Gender
Ph.D. Biochemistry, Hebrew University, Jerusalem	South	F

Expertise

Expertise: Biochemistry

Teaching: High School - Biology (Grade 10)

Summary

The candidate currently teaches five classes of high school Biology to tenth grade students. He has taught college classes in Biochemistry, and was a teaching assistant for laboratory courses in Botany and Recombinant DNA Technology. The candidate has a Ph.D. in Biochemistry from Hebrew University, Jerusulem.