

Zachary Powers Ronneberg

1350 Solano Ave. #11 | (510) 527-3228
Albany, CA 94706 | zach.ronneberg@gmail.com

EDUCATION

- 2005 **Masters of Arts, Science Education**
University of California, Berkeley - Graduate School of Education
MACSME (MA and Credential in Science and Math Education) Program
GPA 3.98
- 2000 **Bachelor of Arts, Physics**
University of California, San Diego
GPA 3.97, Graduated Summa Cum Laude

CERTIFICATIONS

- 2005 **California Single Subject Teaching Credential - Physics**
- 2000 **Advanced CTEFL (Certificate in Teaching English as a Foreign Language)**

TEACHING EXPERIENCE

- 2005-2006 **Physics and Earth Science Teacher, Skyline High School, Oakland**
- *3 sections of physics. Lab based course which focuses heavily on building conceptual understanding through inquiry lab activities and on building mathematical problem solving skills.*
 - *2 sections of earth science. Freshman level science course which focuses on earth science content as well as developing the students' mathematical and reading abilities.*
 - *Responsible for planning and teaching all lessons, and assessing students.*
- 2003-2005 **Student Teacher, University of California, Berkeley**
- *1 semester 8th Grade Physical Science, Longfellow Middle School, Berkeley, CA*
 - *1 semester Physics (on a block schedule which covered a full years curriculum), El Cerrito High School, El Cerrito, CA*
 - *Responsible for planning and teaching all lessons, and assessing students*
- 2004 **Science Teacher, Academic Talent Development Program, UC Berkeley**
- *Developed curriculum for and taught a challenging course on finding scientific patterns in nature for advanced high school students.*
- 2002-2003 **Substitute Teacher, Acalanes Union High School District**
- *Substituted in math and science classes*
- 1999-2003 **Physics and Mathematics Tutor**
- *Tutored students of all ages, abilities, and linguistic backgrounds*
 - *Assessed the needs of individual students*
 - *Worked on conceptual knowledge as well as problem solving*
- 2000 **EFL/ESL Teacher, Centre for Foreign Languages and Applied Linguistics, Technical University of Sofia, Bulgaria**
- *Taught university level English classes at beginner, intermediate, and advanced levels*
 - *Responsible for material selection, curriculum and lesson planning, test creation, presentation of lessons, and assigning grades*

- 1999-2000 **Teaching Assistant/Tutorial Leader, University of California, San Diego, Department of Physics, UCSD**
- *Planned and taught tutorials and problem solving sessions for undergraduate, lower division, physics courses*
- 1999-2000 **Instructor, Science Olympiad and UCSD Science and Technology Club programs**
- *Planned and taught after school physics enrichment programs for high school students in the San Diego area*
- 1995-1996 **Teaching Assistant, Twin Hills Middle School**
- *Volunteer teaching assistant in a special education classroom*

RELATED EXPERIENCE

- 1998-1999 **Summer Camp Counselor, Roughing It Day Camp**
- *Responsible for groups of up to 15 primary school children*
 - *Planned and led daily activities*
 - *Mentored new counselors during my second year*
- 1995-1996 **Volunteer Counselor, ROSS (Residential Outdoor Science School)**
- *Spent a week each spring at the Mendocino Woodlands Camp as a volunteer counselor for groups of up to 8 primary school children.*
 - *Assisted naturalists in leading discovery-based activities which were designed to promote teamwork and teach students about the ecosystem of a redwood forest*

ACADEMIC AND TEACHING HONORS

- 2004-present Recipient: Knowles Science Teaching Fellowship, Knowles Science Teaching Foundation
Approximately 10 awards given nationwide in 2004 to outstanding pre-service physical science teachers. All fellows attend 3 conferences a year to discuss and learn about science teaching methodology and other teaching-related issues. This is a 5 year award.
- 2003-2005 Recipient: Graduate Fellowship, UC Berkeley
- 2000 Recipient: John Holmes Malmberg Memorial Award for excellence in Physics, UCSD
One award given each year to an outstanding graduating senior
- 2000 Recipient: Senior Outstanding Achievement Award, Thurgood Marshall College, UCSD
- 1998-2000 Recipient: Thurgood Marshall Provost's Honors, UCSD
- 1996-1997 Recipient: Dean's Highest Honors, Santa Rosa Junior College
- 1996-1997 Recipient: Doyle Scholarship, Santa Rosa Junior College

INTERESTS AND AFFILIATIONS

Member: American Association of Physics Teachers

Member: California Science Teacher's Association

Member: Phi Delta Kappa, Professional Association for Educators

Other Interests: Cycling, Running, Rock Climbing, Hiking, Technology, Green-Building and Green-Design