

Esther R. Oey

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EDUCATION & CERTIFICATION

- Ph.D. **University of California, Los Angeles.** Graduate School of Education & Information Studies (GSE&IS). Division of Urban Schooling, July 1999
- Certification **University of California, Los Angeles**
Professional Clear Teaching Credential in Life Science, June 1994
- Bachelor of Arts/
Teacher Certification **Swarthmore College**
Biology and Secondary Education Teacher Certification, June 1987
- Academic Study
Abroad **Instituto Internacional,** Hamilton College, Program in Madrid
Spanish 1986

TEACHING EXPERIENCE

University

Visiting Assistant Professor Spring 2014-present
Coordinator, Teacher Education Program and General Studies in Education

Department of Education, St. Lawrence University (SLU)

Coordinate the undergraduate and graduate Teacher Education Programs and teach the Dynamics of Teaching (student teaching) Seminar. Advise undergraduate and graduate students on NYS teacher certification and non-certification options, maintain program records and work with Institutional Research staff to complete Title II and CAEP annual reports.

Assistant Professor Fall 1999-Spring 2006

Department of Education, St. Lawrence University (SLU)

Taught core courses leading to New York State (NYS) secondary certification (Contemporary Issues in American Education, Educational Psychology, Supervised Student Teaching, Dynamics of Teaching Seminar), Inquiring into Science Teaching elective and state mandated workshops. Coordinated undergraduate Teacher Education Program, advised prospective teachers interested in earning an education minor and/or NYS teacher certification, processed applications for student teaching, placed student teachers with cooperating teachers, organized supervising faculty, and oversaw the spring student teaching semester. Worked collaboratively with the graduate coordinator to review and revise the teacher education program and prepare for national accreditation through the Teacher Education Accreditation Council (TEAC).

Field Supervisor/Teaching Assistant 1998-1999

Teacher Education Program, UCLA GSE&IS, Francine Gelbwachs

Assisted teacher education masters students in constructing own personal theoretical frameworks incorporating social justice with teaching culturally, linguistically, and economically diverse students in urban settings. Instructed and supported students with curriculum, pedagogy and classroom management during student teaching. University liaison with mentor teachers.

Methods Co-Instructor

1996-1998

Teacher Education Program, UCLA GSE&IS, Priscilla Lee

Assisted in designing secondary science methods course and teaching science lessons to masters students seeking California teacher certification. Incorporated multicultural science, gender equity, reading and writing strategies, technology and instruction for English as Second Language (ESL) learners.

Graduate Instructor

Winter & Spring Quarters, 1997

UCLA GSE&IS, Michelle Knight

Co-developed and conducted seminar entitled "National S.E.E.D. Project on Inclusive Curriculum: Seeking Educational Equity & Diversity" with Michelle Knight. Explored ways of making elementary and secondary curriculum and classrooms multicultural and gender-fair.

Secondary**Science Teacher**

1988-1994

Mt. Gleason MS, Los Angeles Unified School District (LAUSD)

Taught health, life, earth and physical science to multiethnic, multilingual urban students grades 6-8. Emphasized writing skills, scientific inquiry, critical thinking. Used students' personal knowledge about urban environments, contact with science professionals and community service credit to promote learning and motivation. Acting Science Department Chair, Fall 1990. Shared Decision Making Council, Budget Committee Chair, 1990-1991. Faculty-Staff Council 1990-1992, President 1991-1992.

Health Teacher

Spring 1988

John Muir Junior HS, LAUSD

Developed and presented lessons and activities on health and human sexuality to multiethnic and multilingual students, grade 7.

Elementary**Substitute Teacher**

2012-2013

Little River Community School

Substitute teacher for K-3 multiage classroom at private, alternative education K-12 school in Canton, NY.

CONSULTING EXPERIENCE**Consulting Auditor, Spanish Speaker**

December 2011-2013

Teacher Education Accreditation Council (TEAC)/Council for the Accreditation of Educator Preparation (CAEP)

Verify and document evidence for claims of teacher education or administrator preparation programs seeking national accreditation. Tasks include reading program claims and self-study (Inquiry Brief), suggesting tasks or clarifying questions prior to site visit, completing on-site tasks assigned by lead auditor (e.g. locate primary documents, records, and artifacts to support claims; meet with teacher education program (TEP) or administrator program faculty; interview associated cooperating teachers, student teachers, graduates and prospective student teachers, document all findings), and act as a representative of CAEP to educator preparation programs. Use Spanish language skills to conduct audits in Puerto Rico.

Educational Consultant

2010-2011

Office of the Dean, St. Lawrence University (SLU)

Researched professional development programs and interviewed selected SLU faculty members and local secondary math, science and technology teachers to assess community needs and capacity for an educational outreach grant proposal to the General Electric Foundation.

PROGRAM DEVELOPMENT EXPERIENCE

Program Coordinator 1994-1999
Science Programs, UCLA GSE&IS
Designed, conducted and administered summer and academic year professional development for secondary and community college science educators participating in UCLA Project ISSUES (Integrated Systems for Studying Urban Environmental Science), a one million dollar National Science Foundation Teacher Enhancement grant, and the UCLA Science Project, a state funded initiative. Helped teachers research and develop curriculum on local environmental issues, explore inclusive teaching practices, construct and disseminate lessons at national, state and local conferences. Collaborated with university scientists, community experts and teacher leaders.

Evaluator 1996-1999
California Department of Education, MSDP
Evaluated implementation of MSDP science grants awarded to Columbus-Tustin Middle School, Tustin, CA and Nobel Middle School, Northridge, CA. Visited sites; interviewed students, science teachers and administrators; reviewed budget; assessed implementation of grant objectives and reported findings to school and state agency.

Science Coach 1995-1998
California Department of Education, Middle School Demonstration Program (MSDP)
State recommended science "coach" for schools receiving MSDP science grants. Selected by Waite Middle School in Norwalk, CA to provide science content and pedagogical support to school's nine science teachers during three years of MSDP professional development grant.

In-service Presenter 1994-1998
Professional Development Outreach, UCLA GSE&IS
Conducted in-service science workshops for public and private school teachers grades K-12 on integrating reading and writing activities into science learning and instruction.

Teacher Facilitator July 1994
UCLA
Teamed with UCLA Project ISSUES staff to design and implement a two-week Water Dissemination Institute for 24 secondary science teachers. Modeled lessons, facilitated discussions, and guided curriculum development on water issues in Los Angeles.

RESEARCH EXPERIENCE

Education
Research Associate 1993-1996
Los Angeles County Museum of Natural History, Dr. Scott Lewis

Research Associate 1994-1995
UCLA Brain Research Institute, Dr. Deborah Colbern

Science
Field Assistant July 1993
Parque Nacional Santa Rosa, Costa Rica, Tom Langen, University of California, San Diego

Field Assistant August 1991
Huron-Manistee National Forest, Michigan, William Bowerman, Michigan State University and Teryl Grubb, USDA-Forest Service.

Laboratory Assistant

Harvard University, Keith Wycoff

Summer 1986

FELLOWSHIPS AND GRANTS

- Icu Institution Allocation Grants. Consultant. \$22,200, 1-year professional development project for teacher education faculty, staff and K-12 partners. (*Commission on Independent Colleges and Universities, 2015-2016*).
- GK-12 Project Based Learning Partnership Program (GK-12) Grant. Co-PI. \$2,000,000, five-year collaborative project between Clarkson University and St. Lawrence University to institutionalize K-16 partnerships by having graduate and undergraduate science, technology, engineering and mathematics (STEM) students develop and teach problem based learning units in middle school and high school classrooms. (*National Science Foundation, 2003 – 2006*).
- Teacher Scholar Partnerships Program (TSPP) Grant. Project Director. \$30,000, two-year project to build K-16 partnerships and attract math and science majors to teaching. (*Independent College Office and National Science Foundation 2001-03*).
- How Can SLU Math and Science Majors Be Integrated More Fully into the Secondary School Teaching and Learning in the University's Teaching Scholar Partnerships Program (TSPP)? \$1,200 Internal grant request to fund three teachers at the Constructivist Design Conference. (*August 2002*).
- Self Expression through Theatre and Technology as the Key to Literacy Learning. \$12,000. Assisted with development and implementation of grant submitted by Dr. Victoria Rue. Grant pairs SLU college students with Liberty Partnership Program high school students at Lisbon and Canton CS to build literacy skills. (*Independent College Fund of New York and Verizon Foundation, August 2002*).
- Hewlett Pluralism and Unity Mini-Grant. Funding to bring two SLU students to *Managing Our Diversity Resources* conference. (*February 2001*).
- Technology for Teaching Project Opportunity. With J. Shuman. Funding to build student teachers' technology skills and digitize portfolios. (*October 2000*).
- Teacher Education Mentor Project (TEMP) Grant. Project Co-director. \$5,000. "Infusing Gender Equity Instruction into the UCLA Teacher Education Program (TEP)." (*Washington Research Institute. 1997-1999*).
- Graduate School of Education and Information Studies; Division of Administration, Curriculum, and Teaching Studies Fellowship. (*UCLA. 1997-1998*).
- National S.E.E.D. Project on Inclusive Curriculum, New Leaders' Institute. \$1,000 support from UCLA Center X (Where research and practice intersect). (*One of forty teachers selected from the U.S. and Canada. July 1996*).
- MSEEM Technology Grant. (*Co-wrote grant to obtain computers, software and training for middle school teachers. 1993-1994*).
- Helen and Peter Bing Teacher Fellowship. (*One of fifteen Los Angeles science teachers selected to participate in Earthwatch research expeditions. August 1991*).

SYMPOSIUM

Reflections on Education and Social Justice: A Special Alumni Event Celebrating Swarthmore's Program in Education. Organized with A. Young, B. Swan, & J. Dougherty. Two-day conference featuring keynote speaker Dr. Herbert Kohl. Swarthmore College, Swarthmore, PA. October 2001.

MANUSCRIPT REVIEWS

Journal of Intercultural Disciplines (Reviewed ten manuscripts for 2000-01)

Handbook on Gender and Education. Sage (Reviewed book chapter, Spring 2005)

PRESENTATIONS

Living and Learning edTPA: Student and cooperating teachers team up for a dry run with performance assessment. Roundtable presentation, New York State Association of Teacher Educators. Albany, NY October 2015

Defining Quality and Excellence in Teacher Preparation. Presented with L. Fisch, L. Dorow, K. DaBoll-Lavoie, L. O' Brien, M. LaCelle-Peterson, C., Hill, and J. Shuman. New York State Association of Teacher Educators. Albany, NY. April, 2004.

Science and Mathematics Teacher Recruitment and Certification: Innovative Approaches Raised by Teacher-Scholar Partnership Programs. Poster presented with J. Gregoire and P. Kehle. American Education Research Association, San Diego, CA. April, 2004.

Teacher Scholar Partnerships: A Visionary Model for Linking Liberal Arts Colleges and K-12 Science and Mathematics Education. Presented with J. Gregoire, P. Keurbis, T. Morse and J. Palmer. A 2003 PKAL Assemblies. Oberlin, OH. September, 2003.

This Kind of Challenge Is What Science (and Math) Is All About! Organized and presented with H. Dwyer '01, J. Ouellette '04 and R. Reed. St. Lawrence University Science Colloquium. Canton, NY. February, 2002.

Meeting Pre-service Mandates through Mutual Needs: Creating a Regional Professional Development Collaborative in St. Lawrence County. Presented with J. Shuman and C. Mlynarczk. New York State Association of Teacher Educators. Albany, NY. April, 2001.

Is there Racism in this Classroom? Exploring Alternative Responses. Presented with E. Stoddard. St. Lawrence University. Canton, NY. March, 2001.

How is St. Lawrence University Meeting the New NYSED Teacher Preparation Requirements? Phi Delta Kappa. Ogdensburg, NY. October 2000.

Do Experiences with Differences Affect How White Urban Middle School Science Teachers Connect to Minority Students? Paper presented at the National Association for Research in Science Teaching, Boston, MA. March 1999.

Examining the Role of a Feminist Writing Group in Constructing Diverse Women's Multiple Identities. With Drs. M. Knight and A. Powell; L. Andre Becheley and M. Czech. Research on Women and Education, East Lansing, MI. October, 1998.

Saving an Endangered Species: Creating a Safety Net for Newly Credentialed Teachers. With P. Lee. National Science Teachers Association Conference, Las Vegas, NV. April, 1998.

Making Science in a Museum: A Study of a Science Apprenticeship Program. With Dr. S. Lewis. American Education Research Association, San Francisco, CA. April, 1995.

Water, Water, Everywhere! A Local ISSUES-Driven Approach. With P. Lee, C. Gervasoni, R. Demetron. American Association for Higher Education Sixth National School/College Conference, Washington, D.C. October. 1995.

Coordinated and co-presented workshops at the National Science Teachers Association (NSTA), California Science Teachers Association (CSTA), Greater Los Angeles Teachers Science Association (GLATSA), and Integrated/Coordinated Science Annual Conferences. 1994-1998.

PUBLICATIONS

ICO-TSP Advisory Board (Gregoire, J., Kehle, P., Keurbis, P., Oey, E., Morse, T., Narum, J., Tuomi, T.). (2003). Report ICO Teacher Scholar Partnerships 2001-2003: A Visionary Model for Linking Liberal Arts Colleges and K-12 Science and Mathematics Education. (Washington, D.C.: Independent Colleges Office).

Lewis, S., Oey, E. (1997). Learning Science in an "Informal" Science Apprenticeship: Why Did the Brittlestar Group Score Better than the Horned Toad Group? Manuscript prepared for publication.

Oey, E. (1996). Their Hands are Dirty, Their Feet are Wet, But Will Their Minds Be on the ISSUES? Center X Quarterly, UCLA Graduate School of Education and Information Studies. (8)2, p. 4.

Oey, E. (1995). Addressing Gender Equity. Science & Children, Science Scope, The Science Teacher. Special insert section prepared for Discovering Women video series produced by WGBH Boston. (March 1995).

UNIVERSITY SERVICE

- Intergroup Dialogue (IGD) Facilitator Working Group – 2017-present
- Dissertation Committee – Member: Jan DeWaters, Ph. D. candidate, Clarkson University. 2006-2011.
- Convener, Teacher Education Advisory Committee - Fall 2002-Spring 2006.
- Search Committee – Chair: Jeffrey Campbell Doctoral Fellow in Education, 2003-2004, 2005-2006. Member: Generalist in Education, Spring 2005, Upward Bound Counselor. Spring/Summer 2002. Educational Administration, Spring 2001. Counseling/Generalist in Education, Spring 2000.
- Guest Lecturer, St. Lawrence University. Two class sessions on gender equity and communication at the K-12 and college levels for undergraduates enrolled in “Gender, Communication and College,” September, 2002.
- Advisory Board Member, Hewlett Pluralism and Unity Grant - Mini-grant subcommittee, Audit 2 subcommittee. Spring 2001- 2002.
- Advisory Board Member, Center for Teaching and Learning. Diversity subcommittee. Spring 2001-2004. Co-facilitator of the Teaching Circle on Cultural Diversity, Spring 2003-2004.
- Guest Lecturer, California State University, Northridge. Gender equity and the K-12 curriculum for teacher education students enrolled in "Schooling American Society," 1998.

- Founding Member, UCLA Advocates for Science Education (ASE). University of California, Los Angeles, 1992-1996. President, 1995-96.

LANGUAGES

Spanish – Intermediate fluency in Speaking, Comprehension, Reading and Writing