

Joseph R. Minato

Science Teacher

3525 SW Logan Street Portland OR 97219 971-207-8858 josephrminato@me.com

FORMAL EDUCATION (Summary)

Eastern Oregon University, La Grande, OR, July 2002 – July 2003

Masters of Teaching in Education (MTE). Authorization in middle school and high school (grades 5 – 12), high school endorsement in physics. Passed PRAXIS in integrated science, physics, chemistry, and advanced mathematics.

University of Oregon, Eugene, OR, September 1988 - June 1991

Graduate work in geophysics. Courses include: Tectonics, Igneous Petrology and Petrography, Metamorphic Petrology and Petrography, Seismology, Fluid Dynamics, and Physics of Partial Melting Phenomena.

University of Washington, Seattle, WA, September 1984 - June 1986

Graduate work in physics. Courses include: Electromagnetism, Mathematical Physics, Statistical Physics, Radioastronomy, Cosmic Ray Physics, Solid State Physics, Quantum Physics, and Cosmology.

Massachusetts Institute of Technology, Cambridge, MA, September 1980 - June 1984

Bachelors of Science in physics, minor in mathematics. Advanced undergraduate courses include: Mechanics, Electrodynamics, Quantum Physics, Statistical Physics, Experimental Atomic Physics, Astrophysics, Differential Equations, Mathematical Analysis, and Modern Algebra.

INFORMAL EDUCATION

I am a self or otherwise informally taught enthusiast in a broad range of science and natural history topics. These include: Astronomy, botany, entomology, geography, geology, and ornithology; Natural history of Oregon and the Pacific Northwest; Ecology of forests, deserts, wetlands, and coastlines. I am also a descendant of Oregon pioneers and keenly interested in Oregon cultural history.

TEACHING EXPERIENCE (Selected)

I have spent most of my adult life teaching science in one form or another. I have experience teaching a wide variety of students in a wide variety of settings. I have worked with preschoolers, elementary students, middle school students, high school students, community college students, university students, continuing education, schoolteachers, “at-risk” teens, “gifted” youth, adult tourists, and others.

Portland Jewish Academy, September 2004 – August 2012

Middle School Science Teacher at an award-winning (US Department of Education Blue Ribbon School 2005) pre-Kindergarten through eighth grade Jewish day school. Taught all fields of science to sixth, seventh, and eighth graders. Science curriculum consultant to lower school. Academic advisor. Safety Committee Chair. Head of School Search Committee member. Science Department Head.

Lewis & Clark College, June 2011 – Present

Instructor in Sci580 “Teaching Children About the Natural World.” This is the science methods course for intern-students earning their MAT and K-8 teaching license. “Cohort Coordinator” supervising MAT candidates in their internships.

Coriolis, April 2000 - Present

Sole-proprietor of a business that provides "Adventures in Education and Educational Adventures." Clients include Abiqua School (private, Salem, Oregon), Spencer Butte Middle School (public traditional, Eugene Oregon), Family School (public alternative, Eugene Oregon), Enterprise Jr. High (public, Enterprise, Oregon), Joseph High School (public, Joseph, Oregon), Wallowa Resources (nonprofit, Enterprise, Oregon), Fishtrap

(writing workshop for adults), numerous home school groups, and dozens of private tutoring students from eighth grade to advanced undergraduate.

Joseph Jr. High and High Schools, August 2002 – June 2003

Student teaching internship. Worked in a variety of classes including: Jr. high general science; High school global science and general biology, and; College-prep genetics and physics.

Nearby Nature, November 1991 - Present

Founding board member, board president, lead instructor, executive director, and (presently) board member for Nearby Nature, a non-profit organization committed to providing nature appreciation and study opportunities. Responsible for a wide variety of activities including organizational development, grant writing, donor cultivation, curriculum development, volunteer training, instruction, and community outreach.

Spencer Butte Middle School, September 1997 – June 2002

Science and Nature Consultant for public middle school, 6th, 7th, and 8th grades. Worked with science instructors to improve traditional science curricula to include hands-on activities and experiential learning based on Oregon Standards. Worked with language arts block instructors to integrate field-based nature studies into regular curricula.

The Heritage Institute, April 1995 - August 1997

Instructor for The Heritage Institute of Antioch University. Co-designed and taught courses titled “Using the Schoolgrounds as an Outdoor Classroom,” “Exploring Eugene/Springfield Natural Areas,” “Creating and Using Discovery Kits in the Classroom,” and “Teaching Kids to Keep a Nature Journal.”

Lane Community College, June 1990 - December 1992

Instructor in the Community Education Department. Designed and taught the course “Geology of Oregon.”

University of Oregon, January 1989 - June 1990

Graduate Teaching Fellow at the University of Oregon, Department of Geological Sciences. Taught and assisted in a variety of introductory geology classes.

University of Washington, September 1984 - June 1986

Graduate Teaching Assistant at the University of Washington, Seattle, Washington. Taught and assisted in a variety of undergraduate physics classes.

Massachusetts Institute of Technology, September 1982 - June 1984

Conceived of and developed a peer tutoring program in the Department of Physics. For this I was awarded the prestigious Polaroid Award “for outstanding contributions to the Physics Department.”

REFERENCES

Merrill Hendin, Principal, Portland Jewish Academy, 6651 SW Capitol Highway, Portland OR 97219, (503) 244-1226, m2hendin@PJAProud.org. *Recent principal.*

Betsy Bailey, Director of General Studies, Portland Jewish Academy, 6651 SW Capitol Highway, Portland OR 97219, 503-244-0126, bbailey@PJAProud.org. *Resent teaching supervisor.*

Linda Griffin, Director of Elementary Education Program, Lewis and Clark College, 0615 SW Palatine Hill Road, Portland OR 97219, 503-768-6112, lgriffin@lclark.edu. *Present supervisor.*

Randy Bernstein, Principal, South Eugene High School, 400 East 19th Ave. Eugene, OR 97401, 541-687-3685, bernstein@4j.lane.edu. *Former teaching supervisor.*

Andy Peara, Former Executive Director of Nearby Nature, 410 East 34th Avenue, Eugene OR, 97405, 541-349-9153, andy@peara.com. *Former supervisor and colleague, non-profit educational work.*