

Mary L. Radnofsky, Ph.D.

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EDUCATION

- 2007 **Substitute Teacher Certification.** Arlington, VA.
1992 **Ph.D.** Education & Human Development. Vanderbilt University, Nashville, TN.
1986 **Teacher Certification, English & French,** Texas.
1983 **Maîtrise de Lettres Modernes, Mention Bien.** (Masters Degree, Literature, Specialization: Oral History, with high honors). Université de Provence, France.
1981 **License-ès-Lettres Modernes** (B.A., Literature). Université de Provence, France.
1980 **Bachelor of Arts, English cum laude** (with honors), University of Houston, TX.

PROFESSIONAL EXPERIENCE

- 2008 **Instructor.** ESL. International Hospitality Center at Iolani School. Honolulu, HI. Design interdisciplinary curriculum & teach English as a Second Language (ESL).
2007-2008 **Manager.** Ohana Library and Reading Room. Honolulu, HI. Open a Hawaiiana library & bookstore, maintain collection, recommend books, work with clients.
2007 **Substitute Teacher K-12,** Arlington School District, Arlington, VA.
2003-2007 **Adjunct Professor.** University of Maryland University College, MD. Department of Natural Sciences. Teach online undergraduate astronomy courses.
2001-2003 **Instructional Designer.** Challenger Center for Space Science Education, Dep't. of Space Science Research. Alexandria, VA. Write, evaluate and publish science & technology curricula: train scientists in instructional techniques, conduct workshops.
1997-99 **Adjunct Professor.** Georgetown University, French Dep't. Washington, DC.
1995-Present **Director.** The Socrates Institute, a non-profit educational corporation. Alexandria, VA. Design & conduct interdisciplinary research, grants, professional development .
1992-1995 **Assistant Professor of Education.** Adelphi University, School of Education. Garden City, NY. Teach qualitative & quantitative research methods, interdisciplinary curriculum design, program evaluation; supervise new and in-service teachers.
1985-6 **Lecturer.** University of Houston, English Department. Houston, TX.
1984-85 **ESL Specialist K-12. French Teacher K-6.** American Cooperative School of Liberia. Monrovia, Liberia, West Africa. Teaching, program development, evaluation.
1983-1984 **Librarian and Secretary of Cultural Services.** Embassy of France, Monrovia, Liberia, West Africa. Manage library and cultural events.

PUBLICATIONS

Radnofsky, M. (2009). "A Modest Proposal for 21st Century Arts Education: For Preventing Arts Education In America From Being A Burden To Schools Or Country, And For Making It Beneficial To Humanity (with a nod to Jonathan Swift)." *Honolulu Star Bulletin*, March 10, 2009, p. A6. (also available at <http://socratesinstitute.org>).

Radnofsky, M. (2008) “*Pay Attention: ADHD Goes Hollywood, On the Rocks With a Twist* An honest, endearing, one-man comedy, written and performed by Frank South.” Review of play. <http://www.franksouth.net/writings.htm>.

Radnofsky, M. (2008). “Neanderthals on Wall Street or... How Much Does it Cost to Run a Country, Anyway?” (available at <http://socratesinstitute.org/research/NeanderthalsMLR.htm>).

Radnofsky, M. (2006). “Corporate and Government Computers Hacked by Juveniles.” *Public Manager*, Vol. 35, no. 3, pp. 50-55. (original at <http://www.thepublicmanager.org/TPM/> and reprint available at <http://socratesinstitute.org/research/Hackers.html>)

Radnofsky, M. & Bobrowsky, M. (2005) "Teaching Astronomy Online." *Astronomy Education Review*, 3(2), pp. 148-169. <http://aer.noao.edu/AERArticle.php?issue=6§ion=5&article=3>

Radnofsky, M. & Vanhala, H. (2004). *Framing Pathways to Answers: The Scientific Process in Action*. MESSENGER Mission Education Modules. NASA/Carnegie Institution/Johns Hopkins University/Applied Physics Lab. <http://btc.montana.edu/ceres/MESSENGER/SnoGogIntro.htm>
Complete module available at http://btc.montana.edu/ceres/MESSENGER/MEMS_SciProc.htm#Cool

Radnofsky, M. (2004). “Planting for the Future” Teacher Guide. *Your World Magazine*, 13 (1). The Biotechnology Institute: Arlington, VA.

Radnofsky, M. (2003) *Dare to Care: The Curriculum Guide*. An Early Childhood Program Teaching the Importance of Sharing and Caring. The Silver Grace Hope Foundation: Houston. <http://socratesinstitute.org/self/index.html>

Radnofsky, M. et al (2002). *VOYAGE: A Journey Through Our Solar System*. Challenger Center for Space Science Education: Alexandria. (also available at http://209.85.165.104/search?q=cache:Ol_ZeialYJQJ:www.challenger.org/lessons/73.pdf+voyage+challenger+science+education&hl=en&ct=clnk&cd=3&gl=us)

Spielmann, G. & Radnofsky, M. (2001). Learning Language Under Tension: New Concepts from an Ethnographic Study. *Modern Language Journal*, 85 (2), 259-278.

Radnofsky, M. (1998). *Vision and the scientific habit of mind: an interdisciplinary K-6 curriculum based on the Smithsonian exhibit, Science in American Life*. Socrates: Alexandria.

Radnofsky, M. (1996). Qualitative models: Visually representing complex data in an image/text balance. *Qualitative Inquiry*, 2 (4) 385-410. <http://qix.sagepub.com/cgi/content/abstract/2/4/385>

Radnofsky, M. (1995). *Chromacode: A conceptual & pedagogical tool in qualitative data analysis*. ERIC ED 390 936. http://www.eric.ed.gov/ERICWebPortal/Home.portal?nfpb=true&ERICExtSearch_SearchValue_0=chromacode&searchtype=keyword&ERICExtSearch_SearchType_0=kw&pageLabel=RecordDetails&objectId=0900000b80134074&accno=ED390936&nfls=false

Radnofsky, M. & Spielmann, G. (1995). The role of euphoric and dysphoric tension in language acquisition: An ethnographic study of the beginners' experience at the Middlebury French School. ERIC ED 390 281.

Radnofsky, M. (1995). *The case for interdisciplinary curricula*. Socrates Institute: Alexandria.

Radnofsky, M. (1994). Empowerment and the power *not* to change: Teachers' perspectives of restructuring. *International Journal of Educational Reform*, 3 (2), 154-164.

Radnofsky, M. (1992). Chicago public school reform: Teachers' perceptions of restructuring at the classroom level. Dissertation. Available from Vanderbilt University, and from DAI: 92-30998.

Murphy, J., Evertson, C., & Radnofsky, M. (1991). Restructuring schools: Fourteen elementary and secondary teachers' perspectives on reform, *Elementary School Journal*, 92 (2), 135-148.

Radnofsky, M. (1990). Idea swap. Teaching language in the classroom. *Word of Mouth*, (2), 10-11.

Radnofsky, M. (1983) *La mémoire d'Alsace: Une histoire orale* [The memory of Alsace: An oral history]. Maison Albert Schweitzer, Strasbourg, France.

WORKSHOPS & CONFERENCE PRESENTATIONS

Radnofsky, M. (Nov. 2006) *Timeline of the Universe: Improve Science Learning Through Other Subjects*. Workshop at the National Science Teachers Association Meeting (NSTA) Baltimore, MD.

Radnofsky, M (Sept. 2006) *Contextualizing Astronomy with Interdisciplinary Materials and Strategies*. Workshop at NSTA, Baltimore, MD.

Radnofsky, M. (Oct. 2005). *The CyberEthics Project K-12 Simulations, Role-Plays, & Curricula*. Workshop presented at the C3 Cyberethics, Cybersafety, & Cybersecurity "Implications for the Educational Community." University of Maryland, College Park, MD.

Radnofsky, M. & Bobrowsky, M. (2005). *Teaching the REAL Scientific Method*. Day-long course at NSTA, Dallas, TX.

Bobrowsky, M. & Radnofsky, M. (2004). *Using the Real Scientific Method While Integrating Technology*. Virginia Society for Technology in Education Conference. Roanoke, VA.

Radnofsky, M., & Livengood, T. (2002). *Voyage: A Journey Through the Solar System*. Workshop on teaching K-5 space science for Alexandria School Teachers, Alexandria, VA.

Radnofsky, M. (1998). *Vision and the Scientific Habit of Mind*. Five-day interdisciplinary workshop of Smithsonian Museum of American History curriculum for sister cities in U.S., France & Sweden.

Spielmann, G. & Radnofsky, M. (1997). *Stress, or euphoric tension and the learning experience: A new conceptualization based on ethnographic research*. Paper presented at the annual meeting of the American Educational Research Association (AERA), Chicago.

Radnofsky, M. & Mells, R. (1997). *Ethnography in Black & White: Influences of race relations among qualitative researchers on the research setting*. Paper presented at AERA, Chicago.

Radnofsky, M. (1997). *If the Truth(s) be Known: Designing and Conducting Qualitative Research in Educational Institutions*. Two-day workshop at the Association of Institutional Research, Orlando.

Radnofsky, M. (1997). *The Theory and Design of Qualitative Models: Visual Representations of Qualitative Data*. Workshop at the Ethnography in Education Research Forum, Philadelphia.

Radnofsky, M. (1996). *Models as visual metaphors: image/text balance in representing qualitative data*. Paper presented at AERA, New York.

Radnofsky, M. (1996). *The use of qualitative models in complex data analysis and reporting*. Paper presented at the 17th Annual Ethnography in Education Research Forum, Philadelphia.

Radnofsky, M. (1995). *Chromacode: Refining qualitative transcription analyses without drowning in the data*. Paper presented at AERA, San Francisco.

Radnofsky, M. (1995). *Designing models to represent complex data*. Paper at AERA, San Francisco.

Radnofsky, M. (1994). *Performing qualitative research in schools to understand multiple realities*. and *The Chromacode system for qualitative research analysis*. Workshops & papers, the European Council of International Schools, Hamburg, Germany.

Radnofsky, M. (1994). *School-based qualitative research & understanding multiple realities*. Action Lab at the Association for Supervision and Curriculum Development (ASCD), Chicago.

Radnofsky, M. (1993). *Four models of school restructuring: Research-based, politically-oriented, teacher-defined, and observed*. Paper presented at ASCD, Washington D.C.

Radnofsky, M. (1991). *Empowerment in Chicago Public Schools: Teachers' perceptions and interpretations of restructuring at the classroom level*. Paper presented at the Eastern Educational Research Association annual conference, Boston.

Radnofsky, M. (1988). *Art and language: Effective interdisciplinary studies through problem solving*. Paper presented at the Southeast Regional TESOL Conference, Orlando.

GRANTS

- 2006-2009 **Spitzer Space Telescope.** Galactic Bulge Planetary Nebulae as Probes of Stellar Evolution. Administrative subcontractor.
- 2005-2009 **Hubble Space Telescope, Cycle 13.** Mystery of the Nebulae. Middle & high school astronomy curriculum. Co-principal investigator, researcher, writer.
- 2003-2005 **Symantec Corporation.** The CyberEthics Project. PI, designer, researcher.
- 2004 **Xerox Corporation.** The Socrates Institute. Program support.
- 1994 **Middlebury Language Schools.** The Effect of Eustress and Distress on Language Learners in an Immersion Program. Co-principal investigator , participant-researcher.
- 1989-92 **National Center for Educational Leadership.** (NCEL) School restructuring studies, Vanderbilt/Harvard/University of Chicago. Researcher, co-author.
- 1988-89 **Project STAR.** Tennessee State DOE. Vanderbilt University. Researcher.
- 1988-89 **Project UPWARD.** U.S. DOE, Vanderbilt University. Researcher.

COMMUNITY SERVICE

- 2009 (Aug.) Hawaii Writers Conference. Moderator & volunteer. Honolulu, HI.
- 2008 Hawaii Conservation Alliance. Facilitate activities at annual conference.
- 2008 ESL Host Parent to Japanese Exchange Student, Honolulu, HI.
- 2005 Girl Scouts of Hawaii. Work with NASA scientists and Mauna Kea observatories to provide Education & Public Outreach to teenage Girl Scouts and Scout Leaders.
- 2004-2007 The Sierra Leone Relief & Development Fund. Alexandria, VA. Fundraising.
- 2003-2007 The Scholarship Fund of Alexandria. Alexandria, VA. Member of the Board.
- 1997-2007 The Education Partnership, Alexandria Chamber of Commerce. Link schools and businesses to promote application of learning to actual job responsibilities.
- 1996-2000 Alexandria-Caen Exchange Committee, Alexandria, VA. Create cultural exchanges.

MEDIA APPEARANCES AND INVITED SPEECHES

- 2007 PM Arlington Talk Show “The Socrates Institute” (television interview)
- 2006 Tappedin.org “Your Kids Hacking Into Trouble? (online education host)
- 2005 Tappedin.org “Cyberethics, Cybersafety & Cybersecurity” (online education host)
- 2004 The Sierra Leone Relief & Development Fund Gala (keynote speech)
- 2002 Media Meet - Public TV, Marquette, MI (television interview)
- 2000-01 CNN Local Edition - Arlington, VA (television interview)
- 1999 Channel 8 Cable News - Alexandria, Rich’s Place - Arlington (television show)
- 1998 Radio France - Caen, France (radio interview in French)

LANGUAGE PROFICIENCY

English-Native

French-fluent (read, speak, write)

Spanish, German, Latin-beginner

ACADEMIC SERVICE

Treasurer, National Writers Association, Honolulu Chapter, Honolulu, HI.
Co-Chair, K-12 Education Outreach Committee, National Cyber Security Alliance, Washington, D.C.
Chair: Faculty Research Colloquium, and Scholars Teacher Education Program, Adelphi Univ., NY.
Member: Technology Committee. School of Education. Adelphi University, Garden City, NY.
Reviewer: Journal of Teacher Education, Modern Language Journal, Qualitative Research SIG, AERA.

MEMBERSHIPS

2008-- Present Hawaii Arts Alliance
2007--Present Waikiki Swim Club.
2007--Present Treasurer, National Writers Association, Honolulu Chapter.
2006--Present Fellow of the Royal Astronomical Society.
2005--Present Astronomy Society of the Pacific
1996-2000 American Sociological Association
1988--Present American Education Research Association
1986-2001 Oral History Association
1986-1989 National Council of Teachers of English
1984--Present Association for Supervision and Curriculum Development
1980-1989 Teachers of English to Speakers of Other Languages

COMPUTER LITERACY

MS Office	Freehand	OCR software
QuickBooks	Adobe Reader	SPSS
Photoshop	Final Cut Pro	Booklog
PageMill	intro html	digital still & video cameras
WebTycho	Vistascan	education games

PERSONAL INTERESTS

Long Distance Ocean Swims	Dog-owner
SCUBA Diving	Photography
World Travel	Art & Music
Space Science	Writing