

Mary L. Radnofsky, Ph.D.

Recent Education & Publication Activities

- Conducted workshops in interdisciplinary & cyberethics instruction
- Published in the fields of online teaching, school reform, ethnography
- Wrote & co-chaired Adelphi University education department curriculum
- Guest lectured in science & technology education to K-12 schools
- Wrote, field-tested and evaluated K-12 curricula
- Designed and taught professional development workshops for schools

PROFESSIONAL EXPERIENCE

- 2003-Present **Adjunct Professor.** University of Maryland University College. Teach online undergraduate Astronomy courses, Department of Natural Sciences.
- 1995-Present **Founding President.** The Socrates Institute, a non-profit educational corporation. Alexandria, VA. Teacher training, writing innovative curricula.
- 1992-1995 **Instructional Designer.** The Challenger Center for Space Science Education, Department of Space Science Research. Alexandria, VA. Writing & evaluating science & technology curricula: *Voyage*, *MESSENGER Mission to Mercury*, and *Journey Through the Universe* programs.
- 2002 **Presenter.** Sally Ride Science Club "Reach for the Stars" Science Festival for Girls, George Mason University. Fairfax, VA. Workshops on spacesuit design.
- 1998-2001 **Communications Director and Magazine Editor-in-Chief.** Middlebury College Summer French School, Middlebury, VT.
- 1997-99 **Adjunct Professor.** Georgetown University, Washington, DC.
- 1992-1995 **Assistant Professor of Education.** Adelphi University, School of Education. Garden City, NY.
- 1989-1991 **Research Associate.** Vanderbilt/Harvard/University of Chicago National Center for Educational Leadership, Nashville, TN.
- 1986-1988 **Lecturer.** Vanderbilt University, English Department, Department of French & Italian. Nashville, TN.
- 1985-6, 79 **Lecturer.** University of Houston, English Department. Houston, TX.
- 1985 **Teacher Representative** to U.S. Department of State Office of Overseas Schools/ NASA/University of Houston: Aerospace Institute, Houston.

- 1984-85 **ESL Teaching Specialist K-12 and French Teacher K-6.** American Cooperative School. Monrovia, Liberia, West Africa.
- 1981-1984 **Librarian and Secretary of Cultural Services.** Embassy of France, Monrovia, Liberia, West Africa.
- 1981-1983 **Instructor.** Institut Universitaire de Technologie and Institute for American Universities. Aix-en-Provence, France.

EDUCATION

- 1992 **Ph.D.** Vanderbilt University, Peabody College, Nashville, TN.
- 1986 **Teacher Certification** (Permanent), Texas.
- 1983 **Maîtrise de Lettres Modernes**, Mention Bien. (equals Masters Degree with high honors). Université de Provence, France.
- 1981 **License-ès-Lettres Modernes** (equals Bachelor of Arts Degree). Université de Provence, France.
- 1980 **Bachelor of Arts**, cum laude (with honors), University of Houston, Texas.
- 1979 **Diplôme d'Etudes Françaises, Deuxième Degré. (equals French Baccalauréat).** Université de Strasbourg, France.

PUBLICATIONS (Partial Listing)

Radnofsky, M. & Bobrowsky, M. (2005) "Teaching Astronomy Online." *Astronomy Education Review*, 3(2), pp. 148-169. (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>

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.

Radnofsky, M. et al (2002). *VOYAGE: A Journey Through Our Solar System - Education Modules*. Challenger Center for Space Science Education: Alexandria.

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.

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.

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. (1989). The Mental warm-up: An activity to promote quality learning. TESOL Newsletter, April. Also available on ERIC ED 301 042.

WORKSHOPS (Partial Listing)

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." Part of the National Cyber Security Awareness Month Initiative, University of Maryland, College Park, MD.

Radnofsky, M. (Sept. 2005) *Making Astronomy Memorable with Interdisciplinary Teaching Strategies*. Workshop presented at the Astronomical Society of the Pacific meeting, Tucson, AZ.

Radnofsky, M. & Bobrowsky, M. (2005). *Teaching the REAL Scientific Method*. Day-long short course at the National Science Teachers Association meeting, Dallas, TX.

Radnofsky, M. & Bobrowsky, M. (2004). *Online Astronomy: Teaching strategies and tools*. Cosmos in the Classroom 2004: A National Symposium on Teaching Astronomy for Non-science Majors, Tufts University, Medford, MA.

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

Radnofsky, M. (2004) *Exploring Circular Motion by Application of the Scientific Method*. Professional Development for Middle School Science Teachers. UMUC. Adelphi.

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

Radnofsky, M. (1998). *Vision and the Scientific Habit of Mind*. Five-day interdisciplinary workshop in Smithsonian-based curriculum at The Socrates Institute for sister city teachers from Caen (France), Helsingborg (Sweden), and Alexandria (VA).

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

Radnofsky, M. (1997). *The Theory and Design of Qualitative Models: Visual Representations of Qualitative Data*. Workshop/Presentation given at the 18th Annual Ethnography in Education Research Forum, Philadelphia.

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

MEDIA APPEARANCES AND INVITED SPEECHES

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)
2002 Media Meet - Public TV, Marquette, MI (television interview)
2000-01 CNN Local Edition - Arlington, VA (television interview)
2000 The Optimist Club - Alexandria, VA (live keynote)
1999 Channel 8 Cable News - Alexandria, Rich’s Place - Arlington (television show)
1998 Radio France - Caen, France (radio interview in French)
1995 The Smithsonian Institution Center for Museum Studies. (live) Full-day conference on the Ellington School for the Arts Integrated Curriculum Project.

LANGUAGE PROFICIENCY

English-Native speaker

French-fluent (read, speak, write)

Spanish, German, Latin - beginner

COMPUTER LITERACY

WebTycho, Website design, QuickBooks, Quicken, MSWord, WordPerfect, Claris, Excel, Photoshop, PageMill, Vistascan, Macromedia Freehand, Final Cut Pro, Norton Utilities, SPSS, other educational software, scanners, digital camera and video equipment and programs.

LOCAL COMMUNITY SERVICE

2003--Present The Scholarship Fund of Alexandria, VA. Member of the Board of Trustees. Identify high school students to receive college scholarships.

- 2004--Present The Sierra Leone Relief & Development Fund. Alexandria, VA. Fundraising and consulting.
- 1997--Present The Education Partnership, Alexandria Chamber of Commerce. Link schools and businesses to promote application of learning to actual job responsibilities.
- 1996-2000 The Alexandria-Caen [France] Exchange Committee, Alexandria, VA. Organize sister city cultural and educational exchanges, conduct tours of Smithsonian and region.

ACADEMIC COMMUNITY SERVICE

- 2002-Present Reviewer: *Modern Language Journal*, University of Wisconsin, Madison, WI.
- 1997-1998 Secretary/Treasurer Qualitative Research Group. AERA.
- 1995-1996 Reviewer: *Journal of Teacher Education*, AACTE, Washington, DC.
- 1994-1999 Reviewer: Qualitative Research Group, AERA.
- 1993-1994 Faculty Research Colloquium, Chair. School of Education. Adelphi University.
- 1993-1994 Technology Committee. School of Education. Adelphi University.
- 1992-1994 School of Education Library Committee. Chair. Adelphi University.
- 1992-1995 STEP (Scholars Teacher Education Program). Co-chair. Adelphi University.

OTHER INTERESTS

Painting, photography, travel, music, swimming, SCUBA diving.

ADDRESSES/OTHER DETAILS

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