

Nina L. Greenwald, Ph.D.
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Synopsis

Nina is an educational consultant, national teacher trainer and keynote speaker with specializations in critical and creative thinking, problem-based learning, multiple intelligences, and gifted education. A faculty member in the Graduate Program of Critical and Creative Thinking at the University of Massachusetts, Boston, she teaches courses in creative thinking, critical thinking, invention, problem-based learning, humor, and gifted education. She is elected to the Danforth Associates of New England, an organization of selected higher education faculty distinguished for excellence in teaching.

She is former director of K-8 critical and creative thinking programs for a Massachusetts educational collaborative, was advisor to the exhibits department of the Museum of Science, Boston and is founding member and past president of MAGE (Massachusetts Association for Gifted Education). Sample publications include curriculum and instructional models for teaching critical and creative thinking in general and gifted education for the Massachusetts Society for Medical Research, The National Institute of Health, The American Medical Association, The New England Aquarium, NOVA and leading periodicals in teacher education. A book on guiding students in problem-based learning (PBL) was published by the Pennsylvania State Dept. of Education and Pennsylvania Society for Biomedical Research as a model for curricular and instructional reform in science education.

Specializations

educational and developmental psychology; innovative curricula and instruction that promote creative and critical thinking and problem solving; problem-based learning; gifted education; learning through multiple intelligences; humor; invention; consultation and training programs for educators, health/ science, business and management (application of thinking and problem solving strategies to catalyze needed change)

Education

1981 Ph.D. Educational and Developmental Psychology, Boston College (specializations: creative thinking and problem solving; gifted education)
1974 M.Ed. Special Education, Bridgewater State College (specialization, gifted education)
1975-6 21 graduate credits in school psychology, counseling, intelligence testing, Bridgewater State College
1961 B.S. Elementary Education, SUNY New Paltz

Certifications

Approved Professional Development Provider, MA. Dept. of Ed.
School Psychologist, Commonwealth of Mass. (#167954)
WISC-R, WAIS and WPPSI Intelligence testing
Elementary Teacher, Comm. of MA. (K-8 permanent #167954)
Common Branch Teacher, State of New York (K-6: permanent)

Sample Professional Experience

2009 present: State Advisory Council, Gifted Education

2009: Creative Education Foundation (CEF) conference presentation: Problem-Based Learning

2009: staff development, Roxbury Community College: *CCT instructional strategies for low-performing students*

2008: half-day workshop for 50 non-profit organization Metro West executives: *Creative Problem Solving Approaches to Challenging Problems*

2008: consultant /trainer, Barnstable Public Schools: teaching critical and creative thinking

2007 reviewer, journal: Thinking Skills and Creativity, University of Exeter, England

2007 Keynote presenter: Gardner Museum (Boston) to 100 museum educators: *Excursions in Critical Thinking*

2007 Allied Health Providers Conference: Cape Cod Community College *Gifted Students' Multiple Intelligences*

2007 Beyond IQ Conference, Manchester, NH. *High Creatives: Learning /Behavioral needs*

2006 Beyond IQ Conference, Manchester, NH. *Problem-Based Learning for Highly Gifted Students*

2003-05 Director, Critical and Creative Thinking Graduate Program
UMass Boston

2001-2003 consultant/trainer, Department of Mental Retardation Service Coordinators;
trainer, State Police Crime Lab staff, for **Donahue Institute, University of Massachusetts**

2001-02 presentation, National Collegiate Innovators and Inventors Alliance; Washington
DC; Boston, MA.

1999-2001 faculty development, Biology Department and Center for Biology Education,
University of Wisconsin, Madison

1999-2000 principal evaluator, arts in education grant program: University of Massachusetts,
Dartmouth

1997-98 chief consultant, **Project EXCEL**, South Coast Collaborative summer program,
gifted students grades 3-8

1994 Workshop leader, 6th International Conference on Thinking, MIT

1993- Consultant/speaker, critical/creative thinking in science: **Wright Center for Innovation in Science Education, Tufts University**

1993 Workshop leader, NESDEC: "Teaching Thinking K-12"

1993 Consultant/writer: American Medical Association

1993- Consultant/writer: WGBH educational television

1992 – 93 Consultant/writer Massachusetts Society for Medical Research

1992 - Exhibits Advisor, **featured speaker, Museum of Science/Boston,**

1991 member, accreditation team (Lesley College)

1988 accreditation team, Mass. Dept. of Education

1977-83 **Co-founder, president, MAGE (Massachusetts Association for Gifted Education)**

1982- 95 **Director, Talents Unlimited Programs:** The Education Cooperative (13 town educational collaborative: K-12 innovative curricula and problem solving programs, collaborative programs with global education center, colleges, museums, cultural groups; coordinator, staff development and job-a-like coordinator for 20 elementary principals

1986 - 2009 **Faculty,** Graduate Program of Critical and Creative Thinking, University of Massachusetts, Boston

1983 -92 Adjunct Assistant Professor of Education, Boston College (Developmental and Educational psychology; master's program, gifted education)

1973-75 Instructor, Special and Gifted Education, Bridgewater College

1961-64 Teacher, gifted students: New York; North Carolina

Publications/Papers

2000 *Learning From Problems: Guiding Students in Problem-Based Learning;* The Science Teacher, April 2000.

2000 *Science in Progress: Science in Progress: Challenges in Problem-Based Learning Secondary Students from Interviews with Six Leading Biomedical Scientists. The Problem Log,* Newsletter of PBLNet, (ASCD member network) Spring 2001 edition.

- 2000 *Science in Progress: Challenges in Problem-Based Learning for Secondary Students from Interviews with Six Leading Biomedical Scientists*; Pennsylvania Society for Biomedical Research and PA State Dept. of Education
- 2000 “*Swimming Against the Tide: The Creative Child as a Late Bloomer*”, in Lynch, M. and Harris, C. Fostering Creativity in Children, K-8, Allyn and Bacon,
- 1999 Thinking More About Casey (teaching young students about biomedical research) Massachusetts Society for Medical Research
- 1998 “*Songs the Dinosaurs Sang: Teaching Thinking and Understanding Through Multiple Intelligences*” Gifted Child Today, December, 1998.
- 1997 featured educator in Science, Journal of the AAAS Winter edition (development of interactive thinking exhibits Museum of Science, Boston)
- 1995 Heads On for Healthy Living! teacher's guide, critical and creative thinking lessons to accompany a health/science calendar, for **The National Institute of Health and the Massachusetts Society for Medical Research**
- 1994 Communicating Science and Medicine to Children (compendium of classroom-based thinking activities for **The American Medical Association**)
- 1993 Thinking Critically and Creatively About Biomedical Research (compendium of science-based activities for secondary students) Massachusetts Society for Medical Research, Waltham, MA.
- 1994 Earth (teacher's guide, NOVA public TV science program)
- 1981-95 TEC CHALLENGES (K-12 innovative problem solving challenges) The Education Cooperative, Wellesley, MA.
- 1981 Beyond Purely Divergent Thinking: Another Facet of Creativity (unpublished Ph.D. thesis, Boston College, 1981)
- 1981 CPSA: A Measure of Creative Problem Solving Ability (unpub. research)
- 1982 Learning Environments for Talent Development : A Three Stage Teacher Training Model (unpub. monograph)
- 1980 “*Not Enough Encounters of the Right Kind*” G/C/T Magazine
- 1973 “*Factor Analytic Study of Attitudes Toward Teaching the Talented*” (research study for Sharon Public Schools)

Recognitions/Awards

Massachusetts State Advisory Council, Gifted Education

Elected member, Danforth Foundation Associate (higher education faculty recognized for excellence in teaching; May 1981)

Elected member, Phi Delta Kappa (Zeta Zeta Chapter, Boston College) Advisory Board, Exhibits Department, Museum of Science, Boston

Outstanding teaching evaluations, Boston College; Bridgewater State College; U/Mass Boston

Featured Educator, Boston Globe Learning Section (1988)

Featured Educator, *Science*, 1997

Summa Cum Laude, Ph.D and Master's programs

Who's Who in American Education, 1989-90

Goldin Foundation Award for Excellence in Education (2001)

American Legion Award: Nassau County, N.Y. Outstanding Student, 1951

Memberships

Association for Supervision and Curriculum Development

Center for Problem-Based Learning (CPBL)

Creativity Division, National Association for the Gifted (NAGC)

Creative Education Foundation

Danforth Foundation Associate: elected member, excellence in teaching, higher education

Massachusetts Association for Gifted Education

National Association for the Gifted (NAGC)

Phi Delta Kappa (elected, Zeta Zeta Chapter, Boston College, 1993)

PBLNet (problem-based learning educator network)

