

ROXANNE GREITZ MILLER

Chapman University
School of Education
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CURRENT POSITION

Assistant Professor of Education & Education Director of the Science Teaching and Research (STAR) Institute. *Chapman University, School of Education, Orange, California. June 2005 – present*

EDUCATION

Doctor of Education in Curriculum and Instruction, 1997.

Florida International University, Miami, Florida. Major: Science Education Cognate: Gifted Education
Dissertation: Relationships between gifted selection criteria and performance in sixth grade gifted science.

Master of Science in Education, 1993.

Florida International University, Miami, Florida. Major: Science Education

Bachelor of Science with Honors, 1990.

University of Miami, Coral Gables, Florida. Major: Biology Minors: Secondary Education & Chemistry

PRIOR ACADEMIC POSITIONS

University Research:

Postdoctoral Scholar, University of California, Riverside, Graduate School of Education. 1999 – 2005.
Funded by National Science Foundation/IERI. Varied research projects related to the connections between literacy and science education and the concurrent acquisition of communication skills and content area knowledge (see grants section).

Grades 6-12 Classroom Teaching:

Biological and Physical Sciences Teacher, detailed experience below, 1990 – 1999.

- Arvida Middle School, Miami, Florida. 1992 – 1999.
- Miami Palmetto Senior High School, Miami, Florida. Spring 1990; 1991 – 1992.
- Martin County High School, Stuart, Florida. 1990 – 1991.

Grades 6-12 Administration (positions held concurrent with classroom teaching):

Exceptional Student Education (ESE) Coordinator and LEA Representative, Arvida Middle School, Miami, Florida. 1995 – 1998.

Gifted Department Chairperson, Arvida Middle School, Miami, Florida. 1993 – 1998.

COURSES TAUGHT***University Level:*****At Chapman University:**

Secondary Teaching and Learning I (EDUC 424/524; 2005 Fall; 2006 Spring & Fall; 2007 Spring & Fall)

Secondary Teaching and Learning II (EDUC 425/525; 2006 Spring & Fall; 2007 Spring & Fall)

Secondary Science Methods and Resources Technology (EDUC 430/530-S; 2005 Fall; 2006 Fall as Independent Study)

Secondary Mathematics Methods (EDUC 430/530-M; Interterm 2007 as Independent Study)

Secondary Student Teaching Supervision (EDUC 483/583 Chapman University; 2005 Fall)

At other universities:

The Exceptional Child (EDU 531/SPE 551 California Baptist University; 2005 Spring)

Grades 6-12:

General Biology

Advanced Placement (A.P.) Biology

Fundamentals of Oceanography

Honors Physical Science

Sixth Grade Integrated Science

Honors Biology & Gifted Honors Biology

Honors Anatomy and Physiology

Marine Biology

Eighth Grade Integrated Science

Sixth Grade Gifted Integrated Science

CURRENT STATE TEACHING LICENSES

California Preliminary Single Subject Credential (#050170861); expiration February 2010:

- Biological Sciences (K-12)
- Chemistry (K-12)
- Special Preparation for Teaching Middle Level Students (grades 5-8)

California Professional Clear Specialist Instruction Credential (#050170862); expiration February 2010:

- Gifted Education

Florida Professional Educator's Certificate (#682778); expiration June 2012:

- Biology 6-12
- Chemistry 6-12
- Middle Grades Endorsement
- Gifted Endorsement
- Multicultural Education Training (META) Rider

GRANT PROPOSALS AUTHORED AND AWARDED***Received since coming to Chapman, listed in reverse chronological order:***

Co-Director, Science-Centered Literacy for K-2 Students: Project SMART (Science, Mathematics, Reading, and Technology). Funded by California Postsecondary Education Commission, 2007-2011; \$901,405 of total \$1.16M in funds)

Principal Investigator, Chapman University: The Read for Real Project: National Field Trial – Year 2

continuation (funded by Mathematica Policy Research; 2007-2008; \$166,794)

Chapman University Scholarly/Creative Grant, Confronting content: Examining the strengths and weaknesses in science content knowledge among college undergraduates and preservice and practicing teachers of science in the upper elementary grades (funded by Chapman University Faculty Research & Development competition; 2007-2008; \$3500)

Science Instructional Materials Center Grant, awarded to the STAR Institute. Provide durable science instructional materials and equipment and training to local teachers of science (funded by Washington Mutual Foundation, \$25,000)

Principal Investigator, Chapman University: The Read for Real Project: National Field Trial (funded by Mathematica Policy Research; 2006-2007; \$354,876)

California Math/Science Partnership (CaMSP) Grant, awarded to Chapman University and six local school districts, Develop and evaluate 4th and 5th grade teachers in physical science content knowledge and instruction (funded by California Department of Education; 2006-2007; \$754,546 total shared funds). Serve as External Evaluator for teachers' science content knowledge.

Chapman University Scholarly/Creative Grant, Investigating the perception of teaching goals among future teachers throughout their preservice education program at Chapman University (funded by Chapman University Faculty Research & Development competition; 2006-2007; \$2000)

Faculty Sponsor of Student Research Grant, Creating and examining the efficacy of an innovative American history curriculum unit (Student: Tracy Schandler; Source: Chapman Faculty-Sponsored Student Scholarly/Creative Grant competition; \$750)

Project Director, Preparing Highly Qualified Science Teachers: The STAR Institute (funded by Edison Foundation International for Chapman's science education activities; \$150,000)

Support for Student Activities, Chapman University Student Chapter of the National Science Teachers Association (funded by Fieldstone Foundation; \$4,000)

Principal Investigator, Chapman University: The Read for Real Project: California Pilot Phase (funded by Mathematica Policy Research; 2005-2006; \$201,930)

Co-Principal Investigator, The Read-Write Cycle Project: An Integrated Model for Instruction and Assessment of Reading Comprehension in the Disciplines, awarded to University of California Riverside and Chapman University (funded by IES; 2005-2008; \$1,549,795 total shared funds)

Prior to Chapman:

Co-Principal Investigator, Univ. of California Riverside: Reading and Writing About Science Project (funded by IERI, No 9979834; 1999-2005; \$997,934)

Project Director, Supporting Academic Language Development for English Language Learners in the Middle Grades, Univ. of California Riverside (funded by Linguistic Minority Research Initiative (LMRI), University of California; 2004-2005; \$25,000)

PUBLICATIONS (* denotes student co-author)***In Preparation:***

- Miller, R.G. & White-Smith, K.A. Decisions, decisions Addressing the erosion of teacher decision-making as a result of standards-based and paced instruction.
- Miller, R.G., Frisch, F., & *Klunk, J. Is Hemo Still Magnificent? A reflection on the impact of the Bell Science Laboratories films on American science education past and present.
- Miller, R.G., & Calfee, R.C. The Read-Write Cycle as a Model for Successful Teacher Professional Development Linking Content Area Reading and Writing.
- Miller, R.G. Wither thou goest: The trailing spouse dilemma. In M. Weinburgh & K. Wieseman (Eds.). *Becoming and Leading in the K-16 Science Education Community: Women's Experiences*. Association of Science Teacher Educators (ASTE).

Book Chapters:

- Calfee, R.C., & Miller, R.G. (2007). Best practices in writing assessment. In S. Graham, C. MacArthur & J. Fitzgerald (Eds.). *Best Practices in Writing Instruction* (pp. 265-286). New York: Guilford Press.
- Calfee, R.C., Miller, R.G., Norman, K.A., Wilson, K.M., & Trainin, G. (2006). Learning to do educational research. In R.J. Sternberg & M. Constan (Eds.), *Translating Theory and Research into Educational Practice* (pp. 77-104). Mahwah, NJ: Lawrence Erlbaum Associates.
- Calfee, R.C., & Miller, R.G. (2005). Breaking Ground: Constructing Authentic Reading-Writing Assessments for Middle and Secondary Students. In R. Indrisano and J. Paratore, (Eds.), *Learning to Write, Writing to Learn: Theory and Research in Practice* (pp. 203-219). Delaware: IRA.
- Calfee, R.C., & Miller, R.G. (2005). Comprehending through composing: Reflections on reading assessment strategies. In S. Paris & S. Stahl (Eds.), *Children's Reading Comprehension and Assessment* (pp. 215-233). Mahwah, NJ: Lawrence Erlbaum Associates.

Peer-reviewed articles, unsolicited:

- Miller, R.G. (2007). Thinking Like A Scientist: Exploring transference of science inquiry skills to literacy applications with Kindergarten students. *Electronic Journal of Literacy through Science*, (6) 1, 41-53.
- Miller, R.G. (2006). Inside global warming. *California Journal of Science Education*, (8) 1, 5-17.
- Miller, R.G. (2006). Unlocking reading comprehension with key science inquiry skills. *Science Scope*, (30) 1, 30-33.
- Miller, R.G. (2005). Stem cell research: A teacher's primer. *Delta Kappa Gamma Bulletin*, (71) 3, 17-21, 30.
- Miller, R.G., & Calfee, R.C. (2004). Making Thinking Visible: A method to encourage science writing in upper elementary grades. *Science and Children*, (42) 3, 20-25.
- Miller, R.G. (2004). Making Science Teams Work. *Science Scope*, (28) 1, 50-53.
- Miller, R.G. (2004). From educator to electronic publisher: Creating a website to share your work. *Delta Kappa Gamma Bulletin*, (70) 3, 34-38.
- Miller, R.G. & Calfee, R.C. (2004). Building a better reading-writing assessment: Bridging cognitive theory, instruction, and assessment. *English Leadership Quarterly*, (26) 3, 6-13.
- Rainey, L., & Miller, R.G. (1997). Integrated Science. *Science Scope*, (20) 6, 60-61.

Peer-reviewed articles, invited:

- Miller, R.G. (2007) The Pet Food Recall Puzzle : Who, What, Why, and How Much? *Science Scope*, (31) 2, 10-12.
- Miller, R.G. (2007). Are you what you eat? An inside look at high-tech food. *Science Scope*, (30) 8, 14-17.

- Miller, R.G. (2007). Inside the Rainforests of the Sea: Coral reefs and their endangerment. *Science Scope*, (30) 6, 12-14.
- Miller, R.G. (2006). The ins and outs of curbside recycling programs. *Science Scope* (30) 4, 16-21.
- Miller, R.G. (2006). Inside Global Warming. *Science Scope* (30) 2, 56-60.
- Miller, R.G. (2006). Roll Tape? Recommendations regarding video viewing in public school classrooms. *Science Scope*, (29) 8, 10-11.
- Miller, R.G. (2006). Cloning: A critical analysis of myths and media. *Science Scope*, (29) 6, 70-74.
- Miller, R.G. (2006). Inside Alternatively Powered Vehicles: The problems and the possibilities. *Science Scope*, (29) 4, 48-53.
- Miller, R.G. (2005). Pesticides, people, and the environment: A complex relationship. *Science Scope*, (29) 2, 64-68.
- Miller, R.G. (2005). Setting FIRES to stem cell research. *Science Scope*, (28) 8, 44-48.

Encyclopedia entries:

- Miller, R.G., & Schandler, T.* (in press, forthcoming 2008). Biography of Ellis Paul Torrance. In Provenzo, E.F. (Ed.), *The Encyclopedia of the Social and Cultural Foundations of Education*. Sage.
- Miller, R.G., & Schandler, T.* (in press, forthcoming 2008). Biography of Lewis Terman. In Provenzo, E.F. (Ed.), *The Encyclopedia of the Social and Cultural Foundations of Education*. Sage.
- Miller, R.G. (in press, forthcoming 2008). The History of Gifted Education. In Provenzo, E.F. (Ed.), *The Encyclopedia of the Social and Cultural Foundations of Education*. Sage.
- Miller, R.G. (in press, forthcoming 2008). Policy Issues in Gifted Education. In Provenzo, E.F. (Ed.), *The Encyclopedia of the Social and Cultural Foundations of Education*. Sage.

Abstracts:

- Miller, R. G. (1997). Relationships between gifted selection criteria and performance in sixth grade gifted science. (Doctoral dissertation, Florida International University, 1997). *Dissertation Abstracts International*, 58, 10A. 3879. (University Microfilms No. AAG9813425).

PRESENTATIONS (* denotes student co-author)

U.S. National or International Conferences (refereed presentations):

- White-Smith, K.A., Thomas, S., & Miller, R.G. (2007, April). Content Area Literacy: Building Teacher Expertise and Increasing Student Achievement. Paper presented at AERA National Convention, Chicago, IL.
- Miller, R.G. (2007, March) Bridging the Science and Literacy Divide: Methods for linking science, inquiry, reading and writing. Workshop presented at National Science Teachers Association (NSTA) Annual Conference, St. Louis, MO.
- White-Smith, K.A. & Miller, R.G. (2007, February). Enhancing teacher capacity to deliver high quality content area literacy instruction: Results from a research-based university professional development project. Roundtable paper presented at American Association of Colleges of Teacher Education (AACTE) National Conference, New York, NY.
- White-Smith, K.A. & Miller R.G. (2007, February). All differences aside: Establishing a research-based university and textbook publisher partnership for powerful teacher development. Paper presented at Association of Teacher Educators (ATE) National Conference, San Diego, CA.
- White-Smith, K.A. & Miller R.G. (2007, February). Transforming elementary teacher practice in content area literacy: A documentary study of the Read-Write Cycle Project. Paper presented at Association of Teacher Educators (ATE) National Conference, San Diego, CA.

- Miller, R.G. (2007, January). Is Hemo Still Magnificent? Reexamining the classic television science film with today's students. Poster presented at Association of Science Teacher Education (ASTE) National Conference, Clearwater, FL.
- Miller, R.G., Calfee, R.C., White-Smith, K.A., & Thomas, S. (2006, December). The Read-Write Cycle Project: Toward affecting teacher change in content area literacy in the upper elementary grades. Paper presented at National Reading Conference (NRC) Annual Meeting, Los Angeles, CA.
- Miller, R.G. & Calfee, R.C. (2006, December). Promoting Transformational Literacy Instruction through Science Content and Inquiry. Paper presented at National Reading Conference (NRC) Annual Meeting, Los Angeles, CA.
- Miller, R.G., Calfee, R.C., White-Smith, K.A., & Thomas, S. (2006, November). Bridging the Reading Theory to Practice Divide. Paper presented at International Reading Association (IRA) Western Regional Conference, Kamuela, Hawai'i.
- Miller, R.G. (2006, April). From Consumers to Producers: Promoting Transformational Literacy Instruction through Science Content and Inquiry. Paper presented at AERA National Convention, San Francisco, CA.
- Miller, R.G. (2006, April). The Science-Cognition-Literacy Framework: Embedding Literacy into Inquiry Science Instruction. Workshop presented at National Science Teachers Association (NSTA) Annual Conference, Anaheim, CA.
- Miller, R.G., Calfee, R.C., & *Martinez, W.T. (2005, April). Reading and writing about science with English Language Learners. Paper presented at AERA National Convention, Montreal, Canada.
- Calfee, R.C. & Miller, R.G. (2005, April). Promoting deep understanding of science content through the reading-writing connection. Paper presented at AERA National Convention, Montreal, Canada.
- Miller, R.G. (2004, May). Think, talk, write: Using metacognition and discourse strategies during science based literacy instruction to impact teachers and students. Paper presented at International Reading Association (IRA) Annual Meeting, Reno, NV.
- Calfee, R.C. & Miller, R.G. (2004, May). Separate No More: A theoretical and practical basis for using embedded reading and writing instruction for expository text. Paper presented at International Reading Association (IRA) Annual Meeting, Reno, NV.
- Miller, R.G. & *Martinez, W.T. (2004, April). The Reading and Writing About Science Project: Demonstrating successful literacy techniques for scientific text. Paper presented at AERA National Convention, San Diego, CA.
- Miller, R.G. (2004, April). Creating Thoughtful and Expressive Teachers and Students using Read-Write Activities: Final Report. Paper presented at AERA National Convention, San Diego, CA.
- Calfee, R.C. & Miller, R.G. (2004, April). The Reading and Writing About Science Project: Successful Integration of Reading, Writing, and Content using the Read-Write Cycle. Paper presented at AERA National Convention, San Diego, CA.
- *Ritter, E., Miller, R.G., *Martinez, W.T., & Calfee, R.C. (2004, April). Putting it All Together: Teacher professional development in embedded literacy using the Read-Write Cycle. Paper presented at AERA National Convention, San Diego, CA.
- Miller, R.G. & Calfee, R.C. (2003, December). The Read-Write Cycle: Closing the Gaps in Adolescent Literacy in the Content Areas. Paper presented at National Reading Conference (NRC) Annual Meeting, Scottsdale, AZ.
- Miller, R.G. (2003, April). Teacher and Student Change as a Result of Instruction in Metacognitive and Discourse Strategies. Paper presented at AERA National Convention, Chicago, IL.
- Calfee, R.C. & Miller, R.G. (2003, April). Embedding Reading and Writing Instruction in the Content Area. Paper presented at AERA National Convention, Chicago, IL.
- Calfee, R.C. & Miller, R.G. (2001, December). Metacognition and Discourse in the Reading and Writing About Science Project. Paper presented at National Reading Conference (NRC) Annual Meeting, San Antonio, TX.
- Miller, R.G. (1995, November). Science process skills results of students participating in the INTEGRATED

SCIENCE program. In Rainey, L. (Chair), INTEGRATED SCIENCE. Symposium conducted at the regional meeting of the National Science Teachers Association (NSTA), Baltimore, MD.

State Conferences (refereed presentations):

Miller, R.G. (2005, October). Promoting Professional Organization Involvement Among Preservice Science Teachers. Paper presented at the annual meeting of the California Science Teachers Association (CSTA), Palm Springs, CA.

*Wasserman, K.B. & Miller, R.G. (2001, November). The Reading and Writing About Science Project. Paper presented at the annual meeting of the California Reading Association (CRA), Ontario, CA.

Invited Panelist or Discussant:

Miller, R.G. (2006, March). Intelligent Design: The Church-State Divide. Panelist in Anti-Defamation League (ADL) debate series, Chapman University School of Law, Orange, CA.

Miller, R.G. (2006, January). Promoting Transformational Science Education in the Middle Grades. Invited Keynote Address at Orange County Physical Science Symposium, Orange, CA.

Miller, R.G. (2004, November). Literacy through Science – Approaches for the Upper Elementary Classroom. Panelist with John Guthrie, Allan Wigfield, and Robert Calfee in symposium on “Content Area Literacy Instruction,” University of Maryland, College Park, MD.

Invited papers:

Calfee, R.C. & Miller, R.G. (2003, May). How Writing Reveals the Reading Mind. Invited paper presented at Reading Research 2003 Conference, International Reading Association (IRA) Annual Meeting, Orlando, FL.

Calfee, R.C. & Miller, R.G. (2002, August). From Start to Finish: How to Construct a Really Authentic Writing Assessment. Invited paper presented at Optimizing State and Classroom Tests: Implications of Cognitive Research for Assessments of Higher Order Reasoning in Subject-Matter Domains, University of Maryland, College Park, MD.

Calfee, R.C. & Miller, R.G. (2002, June). Comprehension and Composition: An integrative model and supportive findings. Invited paper presented to the Society for the Scientific Study of Reading (SSSR) Symposium on “Instruction on Reading Comprehension,” Chicago IL.

Miller, R.G. (2001, May). Expository Writing in the Gifted Science Classroom. Invited paper presented at the annual Gifted and Talented Educators (GATE) Conference, Univ. of Calif. Riverside, CA.

Posters (refereed presentations):

Calfee, R.C., Miller, R.G., White-Smith, K.A., & Thomas, S. (2006, June). The Read-Write Cycle Project: Connecting literacy with the content areas in the upper elementary grades. Poster session presented at the annual meeting of Institute for Education Sciences (IES) Principal Investigators, Washington, D.C.

Calfee, R.C. & Miller, R.G. (2001, November). The Reading and Writing About Science Project: Integrating Multiple Curriculum Models for Success and Scalability. Poster session presented at the annual meeting of Interagency Educational Research Initiative (IERI) Principal Investigators, Washington, D.C.

Calfee, R.C. & Miller, R.G. (2001, July). Reading and Writing About Science. Poster session presented at the annual meeting of the Society of Text and Discourse, Santa Barbara, CA.

ADDITIONAL CONFERENCES ATTENDED (without presentations made)

Association of Science Teacher Educators, January 2006, Portland, OR
 Orange County Science Educators Association Annual Conference, November 2005, Orange, CA

SERVICE TO CHAPMAN UNIVERSITY

Ongoing activities and groups served:

Faculty Senator representing School of Education (SOE), 2006 – present
 Member, Chapman University Institutional Review Board (IRB), 2006 – present
 Member, University-wide Search Committee for Asst. Controller, 2006
 Faculty Advisor, Student Chapter of National Science Teachers Association, 2005 – present
 Advisor to all secondary science education students, 2005 – present
 Presenter at Secondary Student Teacher Orientation, each semester Fall 2005 – present
 Trainer for Secondary Student Teacher Supervisors, each semester Fall 2005 – present
 SOE Doctoral Program Director Search Committee, 2006
 SOE Student Scholarship Committee, 2006, 2007
 SOE Single Subject Curriculum Planning Team, 2005 – present
 SOE Teacher Education Committee, 2005 – present
 SOE Alumni Association, 2005 – 2006

Representation/attendance at additional events/meetings:

Doctoral Program Reception, October 2006
 Honors Convocation, May 2006; May 2007
 Director of Sponsored Research Group Interview, February 2006
 Harmon Wilkinson Memorial Service, February 2006
 SOE NASP Accreditation Reception, November 2005
 SOE Alumni Society Reception Facilitator, October 2005
 SOE Representative at Discovery Science Center Gala, October 2005
 Presenter at School of Education Information Sessions, June 2005, July 2005, March 2006
 SOE Representative at Orange County Great Park Stakeholder Conference, June 2005

New courses authored:

EDUC 430/530-S Secondary Science Methods and Resources Technology
 EDUC 309 Exploring Education in Contemporary America (GE Social Science Course)

Courses significantly revised:

EDUC 424/524 Secondary Teaching and Learning I
 EDUC 425/525 Secondary Teaching and Learning II

Documents created for program-wide use outside of courses taught:

SOE Suggested Timeline for Student Teaching Activities
 SOE Student Teaching Observation Form
 SOE Praxis Record Form for Single Subject courses
 SOE Fieldwork Log for Single Subject courses

New program proposals authored:

Educational Specialist (Ed.S.) degree program in Education
Dual Degree (Bachelors plus Masters) Program in Education

PROFESSIONAL SERVICE ACTIVITIES TO THE FIELD & COMMUNITY

While at Chapman:

ASTE Women in Science Education (WISE) SIG Leadership Team, 2006 – present
Reviewer, ASTE 2007 National Convention [Preservice Teacher Education and Innovations in Science Education Strands]
Reviewer, *Teachers College Record*, 2006 – present
Contributing Editor, *Science Scope* (NSTA), 2005 – present
Reviewer, *Electronic Journal of Literacy Through Science* (EJLTS), 2004 – present
Presider, ASTE 2006 National Convention, Portland, Oregon
Reviewer, AERA 2006 Annual Meeting [Science Education (C4), Teacher Education (K2) & Writing and Literacies SIG]
Reviewer, ASTE 2006 National Convention [Innovations in Science Education & Preservice Teacher Education Strands]
Conference Host, Laboratory Safety for the Secondary Science Teacher, Orange, CA, March 2006
Advisory Board Member, Orange County Middle School Science Initiative, 2006 – present
Executive Board Member, Orange County Science Educators Association (OCSEA), 2005 – present
Education Committee Member, Discovery Science Center (Santa Ana), 2005 – present
Advisory Board Member, California Regional Environmental Education Community (CREEC), Orange County Region 9b, 2005 – present
Orange County Science Education Association (OCSEA) Conference Planning Team, 2005, 2006
Orange County Physical Science Symposium Planning Team, 2006
Cub Scout Pack 421 Committee Chairperson, 2006 – present; Den Leader, 2005 – present

Prior to Chapman:

Consultant and External Evaluator for State of Delaware Dept. of Education's Student Testing Program (DSTP) for Text Based and Stand Alone Writing Assessments, 2002 – 2005
Reviewer, AERA 2005 Annual Meeting [Science Education (C4) & Professional Development (K2)]
Analyst for the National Assessment of Educational Progress (NAEP) Long Term Trend in Reading Assessment (American Institutes of Research (AIR), Washington, D.C.), 2003
Phi Kappa Phi National Literacy Work Group, 2002
Corresponding Secretary, Delta Kappa Gamma Int'l., Eta Sigma Chapter (California), 2000-2001
Newsletter Editor, Delta Kappa Gamma Int'l., Beta Zeta Chapter (Florida), 1998-1999
Chairperson, Miami-Dade County Public Schools Science Textbook Selection Committee, 1995
Member, State of Florida Science Textbook Selection Committee, 1994
Volunteer Intern Supervisor, 1997 (University of Miami); 1993 (Florida International University)

PROFESSIONAL MEMBERSHIPS

American Educational Research Association (AERA)

SIG Memberships:

- Science Teaching and Learning
- Classroom Assessment
- Classroom Management
- Classroom Observation
- Middle-Level Education Research
- Writing and Literacies

National Association of Researchers in Science Teaching (NARST)

Association for Science Teacher Education (ASTE)

- Member of Women in Science Education (WISE) SIG

National Science Teachers Association (NSTA)

California Science Teachers Association (CSTA)

Orange County Science Education Association (OCSEA)

International Reading Association (IRA)

American Association of University Professors (AAUP)

Delta Kappa Gamma International Society of Women Educators

HONORS AND AWARDS

2007-2008 Chapman University Faculty Research & Development Scholarly/Creative Grant (see grants section)

2007, School of Education Nominee for Chapman University Valerie Scudder Award (for distinguished teaching, scholarship, and service; one nominee permitted from our unit per year)

2007, named member of Chapman University Million Dollar Club for faculty with at least \$1M in funded research (one of five faculty university-wide to receive this award)

2007 Nominee, EXCEL Award from Society of National Association Publishers for *Science Scope* article series (see Publications section)

2007 Nominee, Distinguished Achievement Award from Association of Educational Publishers for *Science Scope* article series (see Publications section)

2006-2007 Chapman University Faculty Research & Development Scholarly/Creative Grant (see grants section)

2006 Faculty Appreciation Honoree from Chapman University Student Chapter of Latter-Day Saints

2005 National Council of the Teachers of English (NCTE) Council on English Leadership Honorable Mention for Article of the Year (see Publications section)

Phi Delta Kappa (ΦΔΚ) (inducted 2004)

Honoree, National Blue Ribbon Schools Conference, Washington, D.C., November 1998

Miami-Dade County (FL) Public School's Community Education Teacher of the Year, 1997

Delta Kappa Gamma International Society of Women Educators (inducted 1997)

Nominee, Presidential Award of Excellence in Science and Mathematics Teaching, 1995

Who's Who Among American Teachers, 1994

Phi Kappa Phi (inducted 1993)

Florida International University College of Education Academic Excellence Award, 1993

Recipient, National Sallie Mae Most Outstanding First Year Teacher Award, 1991

University of Miami School of Education Senior Scholar, 1990

Omicron Delta Kappa (ODK) National Leadership Honor Society (inducted 1988; Regional Director 1990-1992)