John Lee Pecore

- Curriculum Vitae -

ADDRESS			11000 University Pkwy Pensacola, FL 32514	Phone: 850-474-2303 Email: jpecore@uwf.edu
EDIIC	'ATION	J		
EDUC	Ph.D. 2010		Georgia State University , Atlanta, GA, Teaching and Learning Dissertation title: <i>A case study of secondary teachers facilitating a historical problem-based learning instructional unit</i>	
	M.Ed.	1999	Georgia State University, Atlanta, GA, Science	Education
	B.S.	1987	Old Dominion University, Norfolk, VA, Physic	
	A.S.	1985	Richard Bland College of the College of Willia	am and Mary, Petersburg, VA
PROF	ESSION	NAL EN	MPLOYMENT IN EDUCATION	
			University of West Florida , Pensacola, FL, <i>Assi</i> Professional Studies, School of Education	stant Professor, College of
			MAE4310: Teaching Mathematics in the Ele SCE4310: Teaching Science in the Elementar	ry School (K-6)
	2010-2	012	Temple University, Philadelphia, PA, Assistant	,
			Education, Curriculum Instruction and Technology Department EDU 2189/5415: Classroom Interaction/Science & Math Methods I EDU 4189/5713: Problem-based Instructions/Science & Math Methods II EDU 3151: Teaching Elementary Science	
			EDU 5402: Child and Adolescent Developm	nent
2008-2010		010	Wake Forest University, Winston-Salem, NC, Visiting Instructor,	
			Department of Education, Science Education Coordinator	
			EDU 298: Teaching Elementary Science	
			EDU 311: Educational Psychology	
			EDU 354 & 654: Methods and Materials: Sci	ence
			EDU 364 & 664: Student Teaching: Science	
			EDU 715: Descriptive Research: Science	
2006-2008		2008	Georgia State University, Atlanta, GA, Clinical	<i>Instructor</i> , College of
			Education, Department of Middle-Secondary E	
			Technology, Science Education MAT program (Co-coordinator
			ECE 3606: Science and Inquiry in Early Chil	dhood Education
			EDSC 6550: Principles of Science Instruction	า
			EDCI 6600: Introduction to Secondary Teacl	hing
			EDSC 7550: Theory and Pedagogy of Science	e Instruction
			EDCI 7660, 70, & 80: Practicum. Supervised	pre-service teachers
	2005-P	resent	Institute for Biomedical Philosophy, Clearwat	er, FL, Assistant Director,
			Program Development and Assessment Divisio	on, Science Education and
	1000 2007		Evaluation The Collegest School Atlanta CA Crimes Tea	deau (mai d'alla anna d'a-a)
	1999-2	UUb	The Galloway School, Atlanta, GA, Science Tea	, ,
	2000 1988-1	989	The Galloway School, Atlanta, GA, Physics Tea Wild Lake High School, Columbia, MD, Chemi	· 11 0 /

ADDITIONAL PROFESSIONAL EMPLOYMENT

1995-1999	Law Engineering & Environmental Services, Inc. , Atlanta, GA, <i>Project Scientist</i> , Performed remedial investigations/feasibility studies, ecological
	and human health exposure assessments. Reviewed corporate facilities for
	regulatory environmental compliance
1993-1995	Environmental Consultants and Contractors, Inc., Chantilly, VA.
	Environmental Scientist, Conducted preliminary phase I environmental
	assessments
1989-1993	Spectralytix, Inc., Gaithersburg, MD, Inorganic Laboratory Director,
	Supervised inorganic chemists in the analysis of soil and groundwater
	samples. Developed an inventory and sales tracking database
1987-1989	Biospherics , Inc. , Beltsville, MD, <i>Analytical Chemist</i> , Conducted inorganic analysis of soil and groundwater and supervised evening shift personnel

GRANTS

- University of Central Florida Foundation Grant. (2012-2013). *TeachLivE*. Bill & Melinda Gates Foundation. Role: Researcher. (2012-Present), Amount: \$8,000 of \$1,500,000.
- Secondary Teacher Education in Math and Science Grant. (2008-2012). *Temple University teach*. National Math and Science Initiative (NMSI), Role: Lead Professor (2010-2012), Amount: \$2,400,000.
- Temple University Transition to Teaching Grant. (2007-2013), *Educating Middle-Grades Teachers for Challenging Contexts*. Federal Department of Education, Role: Program Coordinator (2010-2011), Amount: \$3,000,000.
- Robert Noyce Teacher Scholarship Program. (2009-2014), *Temple Noyce Teacher Scholars*, National Science Foundation, Role: Program Coordinator (2010-2012), Amount \$900,000.
- Biomedical Research and Research Training Grant. (2008-2012). *Collaborative research for novice undergraduates*. NIH: National Institute of General Medical Sciences. Role: Research Consultant (2008-2012), Amount: \$1,174,615.
- Educational Grant. (2007). *Initiatives to maximize formal and informal science education for middle school students*. American College of Neuropsychopaharmacology. Role: Project Coordinator (2007), Amount: \$4,750.

BOOK & BOOK CHAPTERS

- Demetrikopoulos, M. K. & Pecore, J.L. (Eds.). (2013 Expected Publication date). *Interplay of Creativity and Giftedness in Science*. Rotterdam, Netherlands: Sense Publishers, Inc.
- Newton, K. J., Ketelhut, D. J., **Pecore, J.L.**, & Jubilee, S. (2012). Components that contribute to mathematics teaching self-efficacy during an alternative certification program. In S. Britner (Ed.), *Self-Efficacy in School and Community Settings*. (pp. 107-124). Hauppauge, NY: Nova Science Publishers, Inc.
- Goode, C. T., Britner, S. L., Gagne, P. E., **Pecore, J. L**., Demetrikopoulos, M. K., Williams, B. A., . . . Frantz, K. J. (2012). Scientific research self-efficacy among undergraduates: Current contexts and approaches for measurement. In S. Britner (Ed.), *Self-Efficacy in School and Community Settings*. (pp. 21-52). Hauppauge, NY: Nova Science Publishers, Inc.

REFEREED ARTICLES

- Shelton, A. & **Pecore**, **J. L.** (Submitted). Longitudinal case studies of teaching perspectives of pre-service teachers in an inquiry-focused program. *School Science and Mathematics*.
- **Pecore, J. L.** & Shelton, A. (In Press). Challenging pre-service students' teaching perspectives in an inquiry-focused Program. *The Journal of Mathematics and Science: Collaborative Explorations*.
- Britner, S. L., Williams, B. A., **Pecore, J. L.**, Gagne, P. E., Demetrikopoulos, M. K., Poh, R., . . . Frantz, K. J. (In Press). Portraits of science self-efficacy: Four undergraduate women in a summer research experience. *Journal of Women and Minorities in Science and Engineering*.
- **Pecore, J. L.** (2012). Beyond beliefs: Teachers adapting problem-based learning to preexisting systems of practice. *Interdisciplinary Journal of Problem-based Learning*, 7(2), 1-27.
- **Pecore, J. L.** & Bohan, C. H. (2012). Problem-based learning: Teachers who flourish and flounder. *Curriculum and Teaching Dialogue*, 14(1), 123-126.
- **Pecore, J.L.**, Snow, M., & Lim, M. (2009). What happens to cemetery headstones? Engaging student interest in acids and bases. *The Science Teacher*, 76(6), 29-34.
- **Pecore, J.L.,** Christensen, B., Mobley, H., & Hanna, N. (2007). Earth core: Enhancing delivery of geoscience content in a diverse school system during times of changing state standards. *Journal of Geoscience Education*, 55(6), 589-595.
- **Pecore, J.L.**, Demetrikopoulos, M.K., & Frantz, K.J. (2007). Using case studies to actively engage students in discussing ethical conduct in the care and use of animals. *American Biology Teacher*, 69(7), 416-421.
- Demetrikopolous, M.K., Datta, P., **Pecore, J.L.**, Lamas, C., Thompson, M.W., Morris, L.G. (2007). Oceanography for pre-k-third grade. *Current: The Journal of Marine Education* (23)2, 42-46.
- Demetrikopoulos, M.K., **Pecore, J.L.**, Rose, J.D., Fobbs Jr., A.J., Johnson, J.I., & Carruth, L.L. (2006). Build-a-brain project: Students design and model the mind of an imaginary animal. *Science Scope*, 29(8), 28-31.
- **Pecore**, **J.L.**, & Sacks, D. (2005). Where in time? *Science Scope*, 29(2), 41-45.
- Little, T., Dalgleish, K., Cheever, M., McLellan, K., Strand, T., & **Pecore**, **J.L**. (2005). Symposium outcomes: Reconstructing the network of progressive educators. *Schools*, 2(2), 201-206.

REFEREED CONFERENCE PAPERS

- **Pecore, J. L.** & Martin-Hansen, L. M. (January 2013). *A case study of teachers using a historical problem-based learning case to teach for science literacy.* Paper presented at the Association for Science Teacher Education Annual Conference. Charleston, SC.
- **Pecore, J. L.** & Shelton, A. (October 2012). *Longitudinal case studies of teaching perspectives of STEM pre-service teachers in an inquiry-focused program.* Paper presented at the meeting of the American Association for Teaching and Curriculum, San Antonio, TX.
- **Pecore, J. L.** Thompson, W. D., & Demetrikopoulos, M. K. (January 2012). *Importance of differentiating for the higher level process skills of science during science instruction for talented and gifted learners*. Paper presented at the Association for Science Teacher Education Annual Conference. Clearwater Beach, FL.

- **Pecore, J. L.** & Shelton, A. (October 2011). *An exploratory study of pre-service students' teaching perspectives in an inquiry-focused program.* Paper presented at the meeting of the American Association for Teaching and Curriculum, Denver, CO.
- **Pecore, J. L.** (October 2010) A case study of secondary teachers facilitating a historical problem-based learning instructional unit. Presented at the meeting of the American Association for Teaching and Curriculum, St. Louis, MO.
- Lim, M., & **Pecore**, **J. L**. (March 2010). *Exploring novice teachers' reflective practices of lifeworld consideration*. Presented at the meeting of the National Association for Research in Science Teaching, Philadelphia, PA.
- Britner, S. L., Gagne, P. E., Demetrikopoulos, M. K., Falkenberg, K. L., **Pecore, J. L.**, Williams, B. A., . . . Frantz, K. J. (March 2010). *Effects of a collaborative learning model vs. a traditional apprenticeship model on undergraduate student self-efficacy and achievement during a summer research experience*. Presented at the meeting of the National Association for Research in Science Teaching, Philadelphia, PA.
- **Pecore, J.L.**, Lim, M., & Martin-Hansen, L.M. (January 2009). *Exploring pre-service science teachers' use of PBL instruction to create constructivist learning environments*. Paper presented at the Association for Science Teacher Education Annual Conference. Hartford, CT.
- McDowel, A., **Pecore, J.L.**, & Martin-Hansen, L.M. (January 2009), *Exploration of pre*service teachers' experiences using Lesson Study to integrate nature of science while in the field. Paper presented at the Association for Science Teacher Education Annual Conference. Hartford, CT.
- McDowell, A., **Pecore**, **J.L.**, & Martin-Hansen, L.M. (October 2007), *Using the Japanese lesson study approach with pre-service teachers*. Paper presented at the Southern Association for Science Teacher Education Annual Conference. Valdosta, GA.
- Rashford, J.M., **Pecore, J.L.**, McDowell, A. (October 2007). *Problems, positionalities, and perspectives: Our shared yet varied experiences with qualitative research.* Paper presented at the Southern Association for Science Teacher Education Annual Conference. Valdosta, GA.
- **Pecore, J.L.**, Rashford, J.M., Slack, A.B., & Verma, G.K. (January 2007). *Evaluating a preservice science teacher curriculum and instruction course with respect to adult learning theory.* Paper presented at the Association for Science Teacher Education International Conference. Clearwater, FL.
- **Pecore, J.L.,** Rashford, J.M., & Slack, A.B. (October 2006). *Andragogy, a construct for evaluating teacher preparation programs*. Paper presented at the Southeastern Association for Science Teacher Education Annual Conference. Macon, GA.
- **Pecore, J.L.** & Hill, C. (October 2006) *Teaching a formal preparatory lesson to minimize the novelty of informal learning*. Paper presented at the Southeastern Association for Science Teacher Education Annual Conference. Macon, GA.

ABSTRACTS & POSTERS

- Frantz, K.J., Britner, S.L., **Pecore, J.L.**, Williams, B. A., Weaver, E. A., Poh, R., . . . Dehaan, R.L. (October 14, 2012). *Collaborative research for undergraduates in neuroscience: A case study comprised of qualitative exploration of scientific research self-efficacy*. Poster presented at Society for Neuroscience, New Orleans, LA.
- Goode, C. T., Britner, S.L., Carruth, L.L., Gagne, P.E., Demetrikopolous, M.K., **Pecore**, **J.L.**, . . . Frantz, K.J. (October 14, 2012). *Collaborative research for undergraduates in neuroscience: A case study comprised of qualitative exploration of scientific research self-efficacy*. Poster presented at Society for Neuroscience, New Orleans, LA.

- Frantz, K.J., Carruth, L.L., Demetrikopolous, M.K., **Pecore, J.L.**, Goode, C. T., Britner, S.L., . . . Dehaan, R.L. (November 12, 2011). *Use of the experience sampling method (ESM) to assess summer research experiences by undergraduate students.* Poster presented at Society for Neuroscience, Washington, DC.
- Demetrikopoulos, M. K., Thompson, W. D., Morris, L. G., Pecore, J. L. (November 12, 2011). *Scientific Process and Learning the Habits of Scientists Essential in the Teaching of Neuroscience to Gifted Students*, Society for Neuroscience, Washington D.C.
- Demetrikopoulos, M. K., **Pecore, J. L.,** Morris, L. G., Thompson, W. D., (November 12, 2011). *Gifted Student Participation in Public Education Outreach for Brain Awareness Week*. Poster presented at Society for Neuroscience Brain Awareness Week Meeting, Washington D.C.
- **Pecore, J.L.**, Demetrikopolous, M.K., Carruth, L.L., Dehaan, R.L., Britner, S.L., Falkenberg, K.L., Gagne, P.E., ... Frantz, K.J. (November 13, 2010). *Varied summer research experiences for undergraduate students evaluated with a mixed-methods (quantitative and qualitative) approach.* Poster presented at Society for Neuroscience, San Diego, CA.
- Demetrikopoulous, M.K., **Pecore, J.L.**, Morris, L.G., & Thompson, W.D. (November 13, 2010). *Focus on gifted students and intergenerational learning for brain awareness week.*Poster presented at Society for Neuroscience Brain Awareness Week Meeting, San Diego, CA.
- **Pecore, J.L.**, Carruth, L.L., Hill, C., Demetrikopoulos, M.K., Zardetto-Smith, A., & Frantz K.J. (October 17, 2009) *Methods to maximize student engagement in informal science education*. Poster presented at the Society for Neuroscience, Chicago, IL.
- **Pecore, J.L.**, Thompson, W.D., Morris, L.G. & Demetrikopoulos, M.K. (October 17, 2009). *Brain awareness week as a mechanism to enhance pre-college and intergenerational learning*. Poster presented at Society for Neuroscience Brain Awareness Week Meeting, Chicago, IL.
- Demetrikopoulos, M.K., **Pecore, J.L.**, Britner, S.L., Carruth, L.L., DeHaan, R.L., Falkenberg, K.L., . . . Frantz K.J. (May 8, 2009). *Comparing collaborative research and apprenticeship models in designing undergraduate summer programs*. Third Annual Conference on Understanding Interventions that Broaden Participation in Research Careers, Bethesda, MD.
- **Pecore, J.L.**, &Carruth, L.L. (January 8, 2009). Supporting science reform efforts through professional development. Poster presented at the Association for Science Teacher Education Annual Conference. Hartford, CT.
- **Pecore, J.L.**, Morris, L.G., Thompson, W.D., & Demetrikopoulos, M.K., (November, 2008). *Integrating brain awareness into pre-college and public education*. Poster presented at the Society for Neuroscience. Washington, DC.
- Demetrikopoulos, M.K., Lamas, C., Datta, P., Wright, M., and **Pecore J.L**. (November 3, 2007). *Using the neuroscience for kids drawing contest to teach neuroscience to pre-k and kindergarten students*. Poster 29 presentation at Society for Neuroscience. San Diego, CA.
- Demetrikopoulos, M.K., Thompson, W.D., **Pecore, J.L.**, Sorenson K., & Morris, L.G. (November 3, 2007). *Brain awareness as an ongoing effort of public education*. Society for Neuroscience Brain Awareness Week Meeting. San Diego, CA.
- **Pecore, J.L.**, & Carruth, L.L. (October 27, 2007). Why animals do what they do at the zoo: An in-service teacher workshop for improving neuroscience education and encouraging innovative teaching. Poster presented at the Southern Association for Science Teacher Education Annual Conference. Valdosta, GA.

- Carruth, L.L., Frantz, K.J., **Pecore, J.L**., Murphy, S., Parlier, D., & Demetrikopoulos, M.K. (October 15, 2006). *Brain camp for kids: Using neuroscience as a theme for summer camp enrichment*. Poster 35 presentation at Society for Neuroscience. Atlanta, GA.
- Demetrikopoulos, M.K., Datta, P., Lamas, C., **Pecore, J.L.**, Wright, M. & Morris, L. C. (October 15, 2006). *Using an invertebrate behavioral neuroscience model & simple ethograms to teach observation, recording, & graphing in early childhood education classrooms*. Poster 32 presentation at Society for Neuroscience. Atlanta, GA.
- **Pecore, J.L.** & Sacks, D. (2005). *Implementing a constructivist teaching model for conceptualizing geologic time.* Poster presented at the Geological Society of America Annual Conference, Salt Lake City, UT.
- Redmond, J.C., Demetrikopoulos, M.K., Morris, L. G., **Pecore, J.L.**, Parlier, D., Frantz, K.J., & Carruth, L.L. (2004) *Teaching about gender differences in memory and performance*. Poster 28.1 presented at the Society for Neuroscience. San Diego, CA.
- Demetrikopoulos, M.K., Parlier D., **Pecore, J.L.**, & Rose, J. (2003). *Teaching nervous system mediated health consequences for a pre-college population*. Poster presentation at the Psychoneuroimmunology Research Society Annual Meeting. Amelia Island, FL.
- Demetrikopoulos, M.K., Bagot, W., Morris, L., **Pecore, J.L.**, Rose, J., & Marsteller, P. (2002). *Development of web-based neuropharmacology curriculum unit*. Poster presentation at the 9th Conference on Neuroimmune Circuits and Infectious Diseases. Clearwater, FL.

INVITED TALKS / DISCUSSANT

- **Pecore, J. L.** (May 2012). *UTeach course roundtable: Project-based instruction*. Invited discussant and panelist at the UTeach Institute-NMSI Conference, Austin, TX.
- **Pecore, J. L.** (May 2012). *University Replication Panel: Lessons Learned*. Invited panelist at the UTeach Institute-NMSI Conference, Austin, TX.
- **Pecore, J. L.** (May 2011). *UTeach course roundtable: Project-based instruction*. Invited panelist at the UTeach Institute-NMSI Conference, Austin, TX.
- **Pecore, J.L.** (August 20, 2009). *How people learn: An introduction to constructivism and active learning.* Invited Speaker during Graduate Teaching Assistant Orientation. Wake Forest University. Winston-Salem, NC.
- **Pecore, J.L.** (March 2, 2007). *Creating a constructivist lesson*. Guest Lecturer, Dr. Kyle Frantz' BIOL 4915/6915: Collaborative Internships in Biology. Georgia State University. Atlanta, GA.
- **Pecore, J.L.** & Martin-Hansen, L.M. (February 18, 2007). *Nature of science*. Interactive Seminar for Parents, Teachers, and Students. The Galloway School. Atlanta, GA.
- **Pecore, J.L.** (October 13, 2006). *Survival skills and ethics program*. Guest Facilitator for University of Pittsburgh Workshop at Society for Neuroscience Conference. Atlanta, GA.
- **Pecore, J.L.** (June 15, 2005). *Ethics in science research*. Guest Lecturer, Undergraduate Students Attending the Behavioral Research Advancements in Neuroscience Program. Emory University, Atlanta, GA.
- **Pecore, J.L.** (June 29, 2005). *Scientific ethics and animal research*. Guest Lecturer, High School Students Attending the Institute on Neuroscience Program. Emory University. Atlanta, GA.

TEACHER WORKSHOPS, SUMMER CAMPS, AND COMMUNITY OUTREACH

- Demetrikopoulos, M. K., Thomposn, W. D., & **Pecore, J. L.** (May 2012). *Emphasizing the "RE" in research: Facilitating the development of gifted future scientists through approaches which allow students to design and refine experiments.* Session presented at the Florida Association for the Gifted Confence, Osprey, FL.
- **Pecore, J. L.**, Friedman, S., Keith, N., & Solmalwar, A. (May 2012). *An action research opportunity for students during apprentice teaching*. Workshop presented at the UTeach Institute-NMSI Conference, Austin, TX.
- **Pecore, J. L.** & Shelton, A. (May 2011). *Investigating the teaching perspectives of UTeach students*. Workshop presented at the UTeach Institute-NMSI Conference, Austin, TX.
- Demetrikopoulos, M. K., **Pecore, J. L.**, Morris, L. G., Thompson W. D. (May 2011). *Modification of Marine Science Education to Meet the Needs of Gifted Learners*, Workshop presented at the Florida Marine Science Educators Association, Jacksonville, FL.
- **Pecore, J. L.**, Anderson, A., Dunlap, P., & Gagliano, J. (November 2009). *Incorporate laboratory experiments into coupled inquiry activities*. Workshop presented at the North Carolina Science Teachers Association Annual Professional Development Institute, Greensboro, NC.
- Carruth, L.L.& **Pecore**, **J.L.** (June 2008, June 2007, June 2006, June 2005, and June 2004). *Animal behavior: Why they do what they do at the zoo*. Animal Behavior Teacher Professional Development Workshop. Zoo Atlanta, Atlanta, GA.
- Carruth, L.L. & **Pecore**, **J.L.** (June 2008, June 2007 & June 2006) *Brain camp for kids: Neuroscience in action*. One-Week Middle Grades Summer Camp, Renfroe Middle School. Decatur, GA.
- Frantz, K.J., Carruth, L.L., & **Pecore**, **J.L.** (March 2008, March 2007, March 2006, March 2005, & March 2004) *Brains rule: Neuroscience exposition*. Two-Day Community Outreach Program, Zoo Atlanta. Atlanta, GA.
- **Pecore, J.L.**, McDowell, A., and Lokey-Vega, A. (December 6, 2007). *Technology, mentoring, and inquiry*. Workshop presented at National Science Teachers Association Southern Regional Conference. Birmingham, Al.
- Demetrikopoulos, M.K., **Pecore, J.L.**, & Morris, L. (December 1, 2007). *Encouraging observation and introduction to scientific processes in early childhood education classrooms*. Hands-on workshop presented at the National Association of Biology Teachers. Atlanta, GA.
- Frantz, K.J., & **Pecore**, **J.L**. (November 30, 2007). *The Human HPLC Column: Minds-on neuroscience for the next generation*. Exhibitor demonstration presented at the National Association for Biology Teachers. Atlanta, GA.
- Frantz, K.J., Carruth, L.L., & **Pecore**, **J.L.** (October 14, 2006) *Brain balloon project*. Community Outreach Program, Georgia State University. Atlanta, GA.
- Demetrikopoulos, M. K., Parlier, D. & **Pecore, J.L.** (June 2005, June 2004, June 2003, & June 2002) *Ben Carson brain camp*. One-Week Middle Grades Summer Camp for Minority Students, Morehouse University, Atlanta. GA.
- **Pecore, J.L.**, Edmonds, E., & Pasley, W. (November 2006). *Multigenre research and writing: Learning content through cultural exploration*. Presentation at the Georgia
 Independent School Association Annual Conference. Raban Gap, GA.
- **Pecore, J.L.** & Slack, A. (November 2005). *Vee maps: A tool for guiding students*. Presentation at the Georgia Independent School Association Annual Conference. Roswell, GA.

- Carruth, L.L., Frantz, K.J., Parlier, D., & **Pecore**, **J.L.** (March 2004). *Sex on your mind: The effect of gender on learning*. Workshop at the National Science Teachers Association National Conference. Atlanta, GA.
- Demetrikopoulos, M.K., Morris, L., Parlier, D., **Pecore, J.L.**, Carruth, L.L., & Frantz, K. (2004). *His and her brain turn-ons*. Workshop at the National Science Teachers Association National Conference. Atlanta, GA.
- **Pecore, J.L.**, Hilliary, P., & Edmonds, A. (2003). *Integrating research and writing across disciplines*. Presentation at the Georgia Independent School Association. Macon, GA.

DOCTOR OF EDCUATION DEGREE DISSERTATION COMMITTEE

Shelton, **A.** (2012). Comparing performance and preference of students experiencing reading aloud accommodation to those who do not on virtual science assessment.

Vreeland, P. (2012). The use of qualitative representations with ranking task exercises in physics.

MASTER DEGREE STUDENT PAPERS

- Anderson, A. & **Pecore**, **J.** (2009). Low-income student and teacher impressions of Kagan cooperative learning. In L.P. McCoy (Ed.). *Studies in Teaching*: 2009 Research digest. 7-12.
- Dunlap, P. & **Pecore**, **J.** (2009). The effects of gaming on middle and high school biology students' content knowledge and attitudes toward science. In L.P. McCoy (Ed.). *Studies in Teaching:* 2009 *Research digest*. 19-24.
- Campbell, E. & **Pecore**, **J.** (2008). Socioscientific issues in high school biology. In L.P. McCoy (Ed.). *Studies in Teaching*: 2008 Research digest. 43-48.
- Hermes, C. & **Pecore**, **J.** (2008). Student motivation in chemistry. In L.P. McCoy (Ed.). *Studies in Teaching:* 2008 *Research digest*. 115-120.
- Parker, L. & **Pecore**, **J.** (2008). Inquiry in biology. In L.P. McCoy (Ed.). *Studies in Teaching:* 2008 Research digest. 151-156.
- Smith, A. & **Pecore**, **J.** (2008). Students experience smart board through constructivist values. In L.P. McCoy (Ed.). *Studies in Teaching*: 2008 Research digest. 169-174.
- Younker, K. & **Pecore**, **J.** (2008). Formative assessment in science. In L.P. McCoy (Ed.). *Studies in Teaching: 2008 Research digest*. 199-204.

PROFESSIONAL SERVICE IN THE FIELD OF EDUCATION

2011-2012	Faculty Advisor, TUteach Club at Temple University
2009-Present	Reviewer for National Science Teachers Association journal Science Scope
2009-2010	Advisory Board Member, Wake Innovative Noyce Scholars (WINS)
	National Science Foundation Grant
2008-2010	Faculty Advisory, Brain Awareness Council at Wake Forest University
2006-2008	Co-director of the Center for Behavioral Neuroscience Pre College
	Educational Programs
2000-2005	Pre-service teacher mentor for Georgia State University

PROFESSIONAL SOCIETIES AND ORGANIZATIONS 2011-Present Executive Council to American Association for Teaching and Curriculum

2011-Present	Executive Council to American Association for Teaching and Curriculum
2010-Present	National Association of Research in Science Teaching
2006-Present	Association for Science Teacher Education
2000-Present	National Science Teacher Association
2008-Present	Treasurer on Board of Directors for Progressive Education Network
2005-2008	Southern representative to the Progressive Education Network

CERTIFICATIONS

2009-Present North Carolina Methods Faculty License (M4), Science (Grades 9-12) and

Middle Grades Science (6-9), Valid to June 2014

1999-Present Georgia Education Certificate (5T) Number 404367, Science (Grades 6-12),

Valid to June 30, 2015

HONORS AND AWARDS

2010	American Association for Teaching and Curriculum Distinguished	
	Dissertation in Teaching Award, St. Louis, MO	
2007	Outstanding Doctoral Student Award, Georgia State University, Atlanta, GA	
2006 & 2002	Berman Endowment for Faculty Excellence, The Galloway School, Atlanta, GA	
2005	Partners in Neuroscience Education Award, Washington, DC	
2003-2006	Director of the Academy, The Galloway School, Atlanta, GA	
2000-2003	Director of Math-Science Center, The Galloway School, Atlanta, GA	
2002	Center for Education Integrating Science, Mathematics, and Computing	

(CEISMC), Georgia Industrial Fellowships for Teachers (GIFT) Fellow