# Beth A. Rogowsky, Ed.D.

brogowsk@bloomu.edu • www.bethrogowsky.com • www.ACESwritingStrategy.com

(570) 594-6644

Rutgers University, Newark, NJ Post-Doctoral Fellow, Center for Molecular and Behavioural Neuroscience	2010-2013
Wilkes University, Wilkes-Barre, PA Doctor of Education in Educational Leadership	2006-2010
Marygrove College, Detroit, MI Master in the Art of Teaching	2003-2004
Bloomsburg University of Pennsylvania, Bloomsburg, PA Master of Science in Instructional Technology	1997-2000
Bloomsburg University of Pennsylvania, Bloomsburg, PA Bachelor of Science in Secondary Education, English Language Arts	1992-1996

## **Current University Appointment**

Professor, Bloomsburg University of Pennsylvania	2022-Present
Associate Professor, Bloomsburg University of Pennsylvania	2018-2022
Assistant Professor, Bloomsburg University of Pennsylvania	2013-2018
College of Education	Bloomsburg, PA
Teaching:	
<ul> <li>Undergraduate courses taught: Teaching Reading-Birth through Kindergarten (ELEM ED Teaching (ED FOUND.291), Teaching, Learning, &amp; Assessment Development (PROFST Teaching Social Studies-Pre-K through Grade 4 (ELEM ED.336), Teaching Reading in th Grades 4-8 (ELEM ED.366), and Teaching Communication in the Secondary Schools (SE</li> <li>Graduate courses taught: Foundations of Teaching (SECED 530), Advanced Foundations FOUND.565), Research in Education (PROF STUDIES.591), and Educational Research &amp; Academic advisor to 50+ undergraduate students in the Early Childhood, Middle Level, at Education majors</li> <li>Fellow for the Student Success Collaborative pilot program (2015-2016) with the goal of a university's freshmen retention rate.</li> </ul>	UD 301/501), the Content Areas: ECED.351) of Education (ED & Writing (EDL.590) nd Secondary
Scholarship:	
<ul> <li>Principal Investigator examining the effects of matching mode of instruction to individual styles; assessed 131 5<sup>th</sup> grade students' using three testing measures; analysed results and conventions</li> </ul>	
• Principal Investigator assessing the effects of playing computer games on the writing skill (n = 80)	s of middle schoolers

Principal Investigator surveying the total population of undergraduates at a public and private university (n = 9,029) on the behaviors that warrant evaluating their professors poorly

#### Service:

- Chaired the University-Wide Faculty Professional Development Committee with prior service to the IRB Committee (3 terms), and Library Advisory Committee
- Serving the Department of Teaching and Learning as chair of the Sabbatical Committee with prior membership to the Professional Development Committee, Search and Screen Committee, Promotion Committee, Curriculum Committee, and Recruitment and Retention Committee
- Serving the student body at large as advisor to the Bloomsburg University chapter of the Association for Middle Level Education (BU-AMLE) with past service as President and Public Relations officer for the Honor Society of Phi Kappa Phi
- Service to the College of Education as former chair of the Pedagogical Advancement Committee, member of the Professionalism Committee and member of the Dean Search committee (Spring 2019, Fall 2019, and Spr/Sum 2022)

Beth A. Rogowsky, Ed.D.

2010-2013

Newark, NJ

2011-2014

Wilkes-Barre, PA

Past service to the state of PA as member of the Executive Board of Directors of the Pennsylvania Association of College and Teacher Educators (PAC-TE)

## **Past University Appointments**

#### **Postdoctoral Fellow, Rutgers University**

Center for Molecular and Behavioral Neuroscience

- Primary on-site investigator; oversaw research studies, undergraduate research assistants (n=9), study participants, and adherence to Institutional Review Board protocol
- Conducted randomized control evaluation funded by the National Science Foundation to evaluate the effectiveness of computer-based interventions on college students' foundational cognitive and literacy skills. specifically ELLs and underrepresented minority students enrolled in STEM majors (n=110)
- Co-Principal Investigator on funded study to investigate the electrophysiological (EEG) and behavioral differences in 121 participants' individual a) emotional reaction (positive or negative valance), b) ongoing attention, c) immediate comprehension, and d) 2-week retention of information after (1) listening to, (2) reading, (3) reading and listening simultaneously, or (4) interchangeably reading/listening to electronic text/digital audio recordings.

#### **Adjunct Faculty, Wilkes University**

Department of Graduate Education

Taught online graduate courses leading to a Master of Science degree in Middle Level Education: Teaching Adolescent Learners in the Middle School, Teaching Diverse Learners Using Inclusive Classroom Practices, Using Assessment to Guide Instruction, Adolescent Literature, Literary Forms and Text Structure, and Teaching and Evaluating Writing to Middle Level Learners I and II

Fellow, National Science Foundation, Science of Learning Centers Program	2010-2013
<ul> <li>Temporal Dynamics of Learning Center, University of California, San Diego</li> <li>Principal Investigator on funded fMRI/aMEG study measuring the differences in metabolic brain</li> </ul>	activity
during selective attention, discrimination, and temporal order auditory processing tasks	ý
Adjunct Faculty, Penn State University	2006-2008
Developed and taught two graduate courses: Teaching Writing and Traits of Writing	
Adjunct Faculty, Axia College of the University of Phoenix	2006-2007

Facilitated three online newsgroups for each section of COM 112 College Writing

#### Books

Oakley, B., Rogowsky, B., Sejnowski, T. (2021). Uncommon sense teaching: Practical insights from brain science to help students learn. Penguin Random House. https://www.penguinrandomhouse.com/books/666737/uncommon-sense-teaching-by-barbara-oakley-phd-beth-rogowskyedd-terrence-j-sejnowski-phd/

## **MOOCs (Massive Open Online Courses)**

Oakley, B., Rogowsky, B., Sejnowski, T. (2021). Uncommon sense teaching. Coursera. https://www.coursera.org/learn/uncommon-sense-teaching

Oakley, B., Rogowsky, B., Sejnowski, T. (2022). Uncommon sense teaching: Part 2, Building Community and Habits of Learning. Coursera. https://www.coursera.org/learn/building-community-habits-of-learning

#### **Book Chapters**

Tallal, P. & Rogowsky, B.A. (2021). Improving the reading and writing skills of college students using a developmental neuroplasticity-based approach. In K. Blewett, T. Donahue, & C. Monroe (Eds.), The expanding universe of writing studies: Higher education writing research (pp. 347-364). Peter Lang. https://doi.org/10.3726/b17535

## **Peer-Reviewed Publications**

- Rogowsky, B.A., Calhoun, B., & Tallal, P. (2020). Providing instruction based on students' learning style preference does not improve learning. *Frontiers in Psychology*. <u>https://doi.org/10.3389/fpsyg.2020.00164</u>
- Magni, K.S.\* & Rogowsky, B.A. (2019), Too much technology? Too soon to tell—An examination of technology implementation. In S. Campbell & L. Hummel (Eds.), *PAECT: Technology Education Research Journal*, 3(1), 171-205. https://www.paect.org/TERS
- Rogowsky, B.A., Terwilliger, C.C., Young, C.A., & Kribbs, E.E.\* (2017). The effect of computer-assisted instruction on literacy and numeracy skills of preschoolers. *International Journal of Play*. https://doi.org/10.1080/21594937.2017.1348324
- Johnson, K.\* & Rogowsky, B.A. (2017). Distance education vs. brick-and-mortar: An examination of perception and achievement. In S. Campbell & L. Hummel (Eds.), *PAECT: Technology Education Research Journal*, 1(1), 72-97. <u>https://www.paect.org/TERS</u>
- Bolick, K.N.\* & **Rogowsky, B.A.** (2016). Ability grouping is on the rise, but should it be? The effects of ability grouping in the elementary school. *Journal of Education and Human Development, 5*(2), 1-12. http://jehdnet.com/journals/jehd/Vol 5 No 2 June 2016/6.pdf
- Rogowsky, B.A., Calhoun, B., & Tallal, P. (2016). Does modality matter? The effects of reading, listening, and dual modality on comprehension. *Sage Open*, 1-9. <u>https://doi.org/10.1177/2158244016669550</u>
- Kribbs, E.E.\* & Rogowsky, B.A. (2016). A review of the effects of visual-spatial representations and heuristics on word problem solving in middle school mathematics. *International Journal of Research in Education and Science*, 2(1), 65-74. <u>https://www.ijres.net/index.php/ijres/article/view/87</u>
- Rogowsky, B.A., Calhoun, B.M., & Tallal, P. (2015). Matching learning style to instructional method: Effects on comprehension. *Journal of Educational Psychology*, 107(1), 64-78. <u>https://doi.org/10.1037/a0037478</u>
- **Rogowsky, B.A.,** Papamichalis, P.,\* Villa, L.,\* Heim, S., & Tallal, P. (2013). Neuroplasticity-based cognitive and linguistic skills training improves reading and writing skills in college students. *Frontiers in Psychology*, *4*(137), 1-11. <u>https://doi.org/10.3389/fpsyg.2013.00137</u>

\* denotes student author

#### **Research Grants and Awards**

Top 10 Best Educational Books for Teachers and School Leaders Award Learning Ladders <u>https://bit.ly/3jsDdfW</u>	2021
Pennsylvania Association of College and Teacher Educator's Distinguished Research Award	2018
Provost's Award for Excellence in Research, Bloomsburg University, \$1,000	2016
<b>The Teaching and Learning Enhancement Center, Bloomsburg University, \$2,739</b> Teacher Scholar Grant: <i>Travel award to attend the 2015 Teaching Professor Conference, Atlanta, GA</i>	2015
Rutgers University, \$25,000 (year 1), \$52, 292 (year 2)       2014,         Principal Investigator: The Effects of Stimulus Modality on Comprehension in the K-12 Environment       2014,	2015
National Science Foundation, \$2,500 Collaborator: Analysis of Research: Patterns of Neural Activity Generated by Attention, Sequencing, and Memory Tasks: A MEG Study	2013
Audible Corporation, \$257,000 Co-Principal Investigator: Electrophysiological (EEG) and Behavioral Study Examining the Effects of Stimulus Modality (Reading or Listening) on Text Presentation in the Areas of Attention, Emotional Reaction, and Memory	2012

Rutgers University Brain Imaging Center, \$10,000 Principal Investigator: fMRI Examination of the Differences in Metabolic Activity during Selective Attention, Discrimination, and Temporal Order Auditory Processing Tasks	2012
National Science Foundation, \$1,000 Collaborator: Patterns of Neural Activity Generated by Attention, Sequencing, and Memory Tasks: A MEG Study	2012
National Science Foundation, \$1,000 Collaborator: Analysis of Research: From the Laboratory to the Classroom	2011
Entertainment Software and Cognitive Neurotherapeutics Society, \$500 Travel Award	2011
Entertainment Software and Cognitive Neurotherapeutics Society, \$100, \$250 20 People's Choice Poster Award	)11, 2013

## Media and Publications Featuring My Research

Conover, A. (2020, November 5). Learning styles are a myth. [Tik Tok video-with over 712,000 views	as
of October 2021]. https://www.tiktok.com/@adamconover/video/6889633605228743942?lang=en	

- Heid, M. (2018, September). Are audiobooks as good for you as reading? Here's what experts say. *Time*. [Magazine]. <u>https://time.com/5388681/audiobooks-reading-books/ [time.com]</u>
- Kaufmann, C. (2018, July 26). Little mean girls: Helping your daughter swim in those choppy social waters. *The Washington Post*. <u>https://wapo.st/3BbiGC1</u>
- Pandika, M. (2019, September 12). Does listening to audiobooks still count as reading? [Web log post]. https://www.mic.com/p/does-listening-to-audiobooks-still-count-as-reading-18749319 [mic.com]
- Shaffer, L. (2020, December 2). Learning styles are more myth than reality. Discover [Magazine]. <u>https://www.discovermagazine.com/mind/learning-styles-are-more-myth-than-reality</u>
- Sidoni, J. (2019, March 27). Reading vs. listening: Does it matter? WNEP The News Station [Interview]. https://www.wnep.com/article/news/local/columbia-county/reading-vs-listening-does-it-matter/523-f2446f57-e189-403c-8fb6-f73c5c1e52f1

## **Speaking Engagements**

Master Class on Effective Teaching	
American Society for Engineering Education, virtual (co-presenter, 4 hr-long sessions each day)	June 21 - 23, 2021
Finding Your Zen in the Classroom	January 6 - 8, 2021
American Middle Level Education National Conference, virtual	October 24, 2020
<i>Teaching Misbehaviors that Warrant Poor Student Evaluations</i> Association of Teacher Educators, Atlantic City, NJ	February 18, 2020
<i>Connecting Research to Practice</i> American Middle Level Education National Conference, Philadelphia, PA	November 2, 2017
Collaborative Early Field Experiences Fuel Collegiate Middle Level Association Mem. American Middle Level Education National Conference, Philadelphia, PA	<i>bership</i> November 7, 2017
From Novice to Expert—Modeling Scaffolded Reading Instruction Across the Contema American Middle Level Education National Conference, Philadelphia, PA	<i>t Areas</i> November 6, 2017
<i>Learning Styles: A Disservice to Education</i> Research Presentation to Penn State Hazleton Faculty	May 5, 2017
The Truth about "Auditory" and "Visual" Learning Styles Research Presentation to Scientific Learning Annual Conference, San Diego, CA	March 11, 2017

<i>The Effect of Tech Time in Preschool: A Randomized Controlled Study</i> Society for Information Technology and Teacher Education (SITE), Austin, TX	March 8, 2017
First-Generation College Students: What to Expect, How to Help Practitioner-Based Presentation to Bloomsburg University Staff and Faculty	January 26, 2017
The Effect of Teaching Misbehaviors on Faculty Evaluations PA Association of Colleges and Teacher Educators Annual Conference, Harrisburg, PA	October 27, 2016
<i>Learning Styles Hurt Learning</i> Research Webinar for the Society of Neuroscience via Brainfacts.org	October 17, 2016
Computer Assisted Instruction with E-Tablets Improve Preschool Literacy and Nu International Society for Technology in Education (ISTE) Conference, Denver, CO	<i>meracy Scores</i> June 29, 2016
<i>The Value and Effectiveness of a Technology Enhanced Curriculum</i> (invited speaker <i>Kiddie Academy Annual</i> Conference, Scottsdale, AZ	er) June 11, 2016
A Culture of "Smart" Learners: Using Interactive Technology to Get Preschoolers 7 <sup>th</sup> Annual Syracuse, Penn State, and Bloomsburg Universities Regional Mini-Conference on Development, and Early Education, Bloomsburg University of PA	
<b>Professors Behaving Badly: How to Stop Setting Ourselves Up for Failure</b> TALE Center Seminar, Bloomsburg University of PA	February 11, 2016
<i>The Effect of Learning Styles on Learning</i> (invited speaker) Temporal Dynamics of Learning Annual Meeting, University of California, San Diego, CA	January 23, 2016
<i>Is Listening to Audiobooks Really the Same as Reading?</i> National Council of Teachers of English Annual Convention, Minneapolis, MN	November 20, 2015
<i>Empirical Evidence Disputes Learning Style Theory</i> European Conference on Education, Brighton, England	July 5, 2015
<b>Technology in an Early Learning Program</b> (invited speaker) Kiddie Academy Annual Conference, Naples, FL	June 27, 2015
<b>Does Learning Style Really Matter?</b> (invited speaker) Issues in Education Forum Series, Wilkes University, Wilkes-Barre, PA	March 19, 2015
<i>Learning Styles</i> (invited speaker) Temporal Dynamics of Learning Annual Meeting, University of California, San Diego, CA	February 28, 2015
Video Games Improve College Students' Writing Skills Association of Teacher Educators Annual Conference, Phoenix, AZ	February 15, 2015
<i>Learning Styles: Are They Out of Fashion?</i> American Middle Level Education National Conference, Nashville, TN	November 6, 2014
<i>Strong as Steel</i> PASSHE Women's Consortium Conference, Bloomsburg University, Bloomsburg, PA	September 25, 2014
<i>Learning Styles Have Nothing to Do with Learning</i> (invited speaker) Fall Faculty Lecture Series, Bloomsburg University, Bloomsburg, PA	September 16, 2014
Getting on the Ladder (invited speaker) Upward Bound TRIO Summer Banquet, Bloomsburg University, Bloomsburg, PA	July 31, 2014
The Effect of Listening vs. Reading Comprehension on Immediate and Long-Term American Educational Research Association Annual Meeting, Philadelphia, PA	n Retention April 4, 2014
<i>ACEing Writing</i> American Middle Level Education National Conference, Minneapolis, MN	November 8, 2013
<i>Improving Writing through Educational Gaming</i> American Middle Level Education National Conference, Minneapolis, MN	November 7, 2013

<i>Executive Function: Research and Intervention for School-Aged Children</i> (invited spe Johns Hopkins University Summit in collaboration with the Learning and the Brain Conference	eaker) May 2, 2013
<i>Learning to WriteWriting to Learn</i> (guest lecturer) Johns Hopkins University, Baltimore, MD	April 8, 2013
<i>Learning to ReadReading to Learn</i> (guest lecturer) Bloomsburg University, Bloomsburg, PA	February 22, 2013
Investigating 21 <sup>st</sup> Century Literacies: Supporting Literacy Practices through Computer Instruction Literacy Research Association Annual Conference, San Diego, CA	<i>er-Based</i> November 30, 2012
<i>Magnetoencephalography (MEG) to Measure Attention, Discrimination, and Sequent</i> Temporal Dynamics of Learning Summer Institute, University of California, San Diego, CA	-
<i>Latest Developments in Language Acquisition</i> (invited speaker) King-Chavez Learning Conference, San Diego, CA	August 14, 2012
<i>The Science of Learning</i> (guest lecturer) Towson University, Towson, MD	June 6, 2012
<i>Translating Scientific and Technological Advances from the Laboratory to the Classr</i> AERA annual conference, Vancouver, BC	<i>coom</i> April 15, 2012
<i>Computer-Based Cognitive Skills Training Improves Students' Writing Skills</i> (invited Scientific Learning Visionary Conference, San Diego, CA	speaker) March 17, 2012
<i>Student Commencement</i> (invited speaker) Wilkes University, Wilkes-Barre, PA	September 11, 2010
Brain Fitness and Technology Pennsylvania Middle School Association Conference, State College, PA	March 2, 2010
<i>Upward Mobility</i> (invited speaker) Upward Bound TRIO 35 <sup>th</sup> Anniversary Banquet, Bloomsburg University, PA	August 1, 2008
ACES—A Simple, Scaffolded Writing Strategy Pennsylvania Middle School Association Conference, State College, PA	March 17, 2008
<i>Collaborating to Create a Learner-Centered Classroom</i> (workshop presenter) Pittsburgh Public Schools Summer Institute, Pittsburgh, PA	June 25, 2003
<b>Cooperative Learning Structures</b> (workshop presenter) PA Regional Middle Level Conference, Fairfield, PA Bloomsburg University Literacy and Learning Conference	October 9, 2000 October 13, 2000
Peer Reviewed Poster Presentations	

Research Matters—Let Learning Styles Go: Results from an Investigation with Middle Schoolers	
American Educational Research Association Annual Meeting, Toronto, Canada	April 8, 2019
<i>Numeracy and Literacy Gains for Preschoolers Using Computer-Based Instruction</i> PA Association of Colleges and Teacher Educators Annual Conference, Harrisburg, PA	October 29, 2015
<i>Learning Styles: Are They Out of Fashion?!?</i> Learning and the Brain Conference, New York, NY	May 9, 2014
Computer-Based Cognitive Training Improves College Students' Attention: A Longitudinal Study Cognitive Neuroscience Society Meeting, San Francisco, CA April 15, 2013	
<i>Neuroplastic Brain Fitness Exercises Improve College Students' Attention: A Longitudinal Study</i> Entertainment Software and Cognitive Neurotherapeutics Society Meeting, USC, Los Angeles, CA March 17, 2013	
aMEG Studies of the Temporal Dynamics of Auditory Processing	

Temporal Dynamics of Learning Center Annual Meeting, University of California, San Diego, CA February 8, 2013

2008-2010

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#### Computer-Based Cognitive and Literacy Skills Training Improves College Students' Writing Skills

San Diego Consortium for Developmental Cognitive Neuroscience National Science Foundation Annual Meeting, Arlington, VA Neuroscience Symposium, Rutgers University, Newark, NJ

#### Neuroplasticity-Based Training in Executive Function and Receptive Language Skills Improve Students' Writing Skills

Entertainment Software and Cognitive Neurotherapeutics Society Meeting, San Francisco, CA September 19, 2011 International Mind, Brain, and Education Society's Annual Conference, San Diego, CA June 3, 2011

#### Neuroplastic Brain Fitness Exercises Improve College Students' Attention Temporal Dynamics of Learning Center Annual Meeting, University of California, San Diego, CA January 29, 2011

#### Neuroplastic Brain Fitness Exercises Improve 6<sup>th</sup> Grade Students' Writing Skills National Science Foundation Annual Meeting, Arlington, VA

## **Past and Current Memberships in Professional Societies**

American Association of Colleges for Teacher Education (AACTE) American Educational Research Association (AERA) American Middle Level Education Association (AMLE) Association for Teacher Educators (ATE) Cognitive Neuroscience Society (CNS) Entertainment Software and Cognitive Neurotherapeutics Society (ESCONS) Honor Society of Phi Kappa Phi International Mind, Brain, and Education Society (IMBES) International Society for Technology in Education (ISTE) International Honor Society in Education of Kappa Delta Pi Literacy Research Association (LRA) National Council of Teachers of English (NCTE) New York Academy of Sciences (NYAS) Pennsylvania Association of Colleges and Teacher Educators (PAC-TE) Pennsylvania Association for Educational Communications and Technology (PAECT) Society for Information Technology and Teacher Education (SITE)

#### **State Certifications**

#### Pennsylvania

Assistant District Superintendent Director of Curriculum and Instruction Principal K-12 Instructional II certification in English (7-12)

#### Maryland Administrator I

Advanced Professional certification in English (7-12)

## **K-12** Administrative Experiences

# Wilkes University, Bloomsburg University, and Danville Area School District

Intern to the Superintendent

- Assisted with the implementation and monitoring of the district-wide Learning Focused School's improvement • initiative
- Followed and analyzed the development of Professional Learning Communities across four elementary schools; regularly presented findings to teachers, administrators, and the School Board
- Oversaw the monthly progress of the district's 1<sup>st</sup> year teachers' induction program
- Attended and presented at bi-weekly School Board meetings to gain a global perspective of the district

#### Intern to the Director of Student Support Services

Worked with the core administrative team orchestrating the development of the district's K-8 framework for Response to Intervention (RtI)

October 14, 2010

November 29, 2012 December 5, 2011 November 7, 2011

Intern to Secondary and Elementary Principals

- Coordinated middle and high school launch of PBIS at the secondary level
- Analyzed benchmark assessments district-wide to group students for remediation prior to state-wide testing
- Developed and delivered ongoing professional development workshops on teaching writing across the curriculum, *Reading Apprenticeship* strategies, differentiation, and neuroeducation

## **Public Education Work History**

<ul> <li>Danville Area School District</li> <li>8th grade English and 7th grade Language Arts Teacher 1996-20</li> <li>Created a scaffolded writing strategy (ACES) and provided ongoing school-wide professional development in writing across the curriculum</li> <li>Provided training on literacy interventions to content area teachers and paraprofessionals</li> <li>Developed standards-based curriculum appropriate to the implementation of block scheduling</li> <li>Sent monthly newsletters and weekly emails to parents in order to improve parent-teacher colla</li> <li>Utilized <i>Learning Focused Schools</i> and <i>Reading Apprenticeship</i> strategies to increase student a</li> <li>Incorporated the <i>Read Naturally</i> program into 7<sup>th</sup> and 8<sup>th</sup> grade curricula as tier 2 Response to 1</li> <li>Coordinated the district's K-8 literacy intervention program; designed and completed randomiz study of the efficiency of supplemental computer-based instruction on students' writing</li> </ul>	achievement Intervention
<ul> <li>Student Assistant Team Member</li> <li>Assisted with early identification and intervention of middle school students to prevent at-rise</li> </ul>	1997-2010 sk behaviors
<ul> <li>Cooperative Teacher in Partnership with Bloomsburg University of Pennsylvania</li> <li>Mentored 9 student teachers</li> <li>Developed co-journaling project to promote their self-reflection and professional growth</li> </ul>	1999-2009
National Junior Honor Society Advisor	2005-2008
<ul> <li>After-School Literacy Tutor</li> <li>Tutored at-risk 6th grade students' vocabulary, comprehension, fluency, listening, and writing</li> </ul>	2004-2006 ng skills
Danville Middle School Forensic Team Director	1997-1999
Dundalk Middle School       I         8th grade English and Reading Teacher       I         • Differentiated established curriculum to meet the needs of urban students in a Title 1 school	Baltimore, MD 2002-2003
Other Professional Experiences	
Kiddie Academy Curriculum Advisory Board Member	2014-Present
<ul> <li>1 of 4 board members of the leading national franchise of educational childcare with over 200 serving over 30,000 children yearly</li> <li>Reviewing early childhood curriculum and providing written feedback on the developmental a</li> </ul>	
and feasibility of language and literacy related activities	
Sally Ride Science Curriculum Consultant	2013-2015
<ul> <li>Developed "Write Like a Scientist" writing curriculum and professional development for scien engineering, and math students in grades 3-8</li> <li>Deliverables included teacher guides with an explanation of the ACES writing strategy, gradin example writing prompts and scaffolds</li> </ul>	
Pennsylvania Department of Education	2011-2013
<ul> <li>Pennsylvania State Standardized Assessment Validation Committee member</li> <li>Annually review Reading and Writing Assessment items for content, grade, and rigor alignmen universal and technical design; developed recommendations for cut scores (basic, proficient, and score)</li> </ul>	nt; bias; and
National Science Foundation, Inter-Science of Learning Centers Conference	2012

## Upward Bound at Bloomsburg University

Academic Advisor

• Led weekly meetings providing college planning and SAT tutoring to area high school students

Writing Instructor

Summer 2000

2005-2006