

Vita

Marianna M. Walker, Ph.D., CCC-SLP

Current Position: Professor Emerita
Department of Communication Sciences and Disorders
College of Allied Health Sciences
East Carolina University

Education

Ph.D.	1999	North Carolina State University Curriculum & Instruction
M.S.	1982	East Carolina University Speech-Language and Auditory Pathology
B.S.	1979	East Carolina University Speech-Language and Auditory Pathology

Academic Positions

Professor Emerita (Fall 2020 to present)
Department of Communication Sciences & Disorders
College of Allied Health Sciences
East Carolina University

Associate Professor (2016 – August 2020)
Department of Communication Sciences & Disorders
College of Allied Health Sciences
East Carolina University

Barbara W. Bremer Distinguished Scholar in Language Learning and Literacy Disorders
(2018 – 2020), Department of Communication Sciences and Disorders

Dean, Honors College (July 2013 - January 2016)
Division of Academic Affairs
East Carolina University

Bremer Distinguished Scholar in Language and Literacy Disorders, Department of
Communication Sciences and Disorders (2008-2014)

Associate Professor (2005 – June 2013)
Department of Communication Sciences & Disorders
College of Allied Health Sciences
East Carolina University

Chair of the East Carolina University Faculty (2009 – 2012)

1/2 reassigned time to perform the administrative duties (Faculty Senate and oversight of all academic committees) - Reported to Chancellor

Assistant Professor (1999 - 2005), Department of Communication Sciences and Disorders, East Carolina University – Awarded tenure in 2005

Clinical Assistant Professor/Clinical Instructor (1988-1999), Department of Communication Sciences and Disorders, East Carolina University

Adjunct Associate Professor of Psychiatric Medicine – Brody School of Medicine, East Carolina University (2008 – 2013)

Leadership Positions – University and Professional

Bremer Distinguished Scholar in Language Learning and Literacy Disorders – 2018 to 2020

Past-President and member of Executive Committee, Phi Kappa Phi (2019 to present)

President – Phi Kappa Phi, East Carolina University Chapter (2016 to 2018)

Member, Chancellor Search Committee (2016)

Dean, Honors College, East Carolina University (6/2013-1/2016)

President-Elect – Phi Kappa Phi, East Carolina University Chapter (2014 -2016)

Chair of the East Carolina University Faculty - 2009-2012 (three terms)

Chair, North Carolina Board of Examiners for Speech-Language Pathologists and Audiologists (State Licensure Board)– 2008-2010; Member (2004-2008)

Co-Chair, Faculty Manual Steering Committee (2009-2012) with Marilyn Sheerer, Provost (East Carolina University)

Bremer Distinguished Scholar in Language and Literacy Disorders (2008 - 2012)

Member – University Program Prioritization Committee (2011-2012)

Co-Chair, University Strategic Planning Committee (2009-2012) with Austin Bunch, Associate Provost

Chair, Faculty Governance Committee (2012-2013), East Carolina University
SACS Executive Committee, East Carolina University (2009 to 2012)

Special Projects, Initiatives, and Accomplishments (University and Discipline)

Bremer Distinguished Professorship - Established collaboration between Project STEPP (East Carolina University) and the Department of Communication Sciences and Disorders with Clinical Scholars – graduate students in CSDI and the Bremer Scholar. This collaboration involved multidisciplinary teaching, research, and service and will serve as a model for other UNC institutions in collaborative engagement involving students with learning disabilities.

Other initiatives as the Bremer Scholar included the following:

Literacy Summit 2020 – Planning for the *Unified Disciplines of Literacy* - Literacy Summit which was to be held on April 24, 2020 at East Carolina University. After consulting with many of my colleagues in the field of speech-language pathology and related disciplines, I decided to organize the literacy summit to coincide with the North Carolina Department of Public Instruction's implementation of MTSS (multiple tiers of systematic support) in 2020. This implementation will involve the collaboration and teamwork for professionals in the public schools, involving regular and special educators, school psychologists, counselors, and speech-language pathologists. I am collaborating with two other colleges/departments for this conference (Dr. Christy Walcott, Psychology; and Dr. Kristin Gehsmann Literacy Studies, English Education and History Education) for this interprofessional literacy summit. Dr. Charles Haynes, MGH Institute of Health Professions and Dr. Donna Scanlon – SUNY-Albany will be the Keynote Speakers this year, who are experts in the disciplines of literacy and language and application to MTSS in schools. University professors from the colleges of Education, Harriot College of Arts and Sciences, and Allied Health Sciences will be involved in this summit.

Bremer Literacy Team – Established many connections with the community relating to community service, literacy and language engagement with children in many settings. CSDI students (27 undergraduate/graduate student volunteers) and CSDI faculty have participated in these initiatives. Collaborative relationships have been established with various settings throughout Pitt and Martin counties.

The following setting/events were served/organized as part of my work as the Bremer Distinguished Scholar:

- HUGS Program – Sadie Salter Educational Center, Greenville, NC
- KinderCare, Stantonsburg Rd., Greenville, NC – 3 years classroom
- KinderCare, Stantonsburg Rd., Greenville, NC – 4 years classroom
- Martin-Pitt Partnerships for Children, Greenville, NC
- BookNook meeting at ECU Dental School
- Community Crossroads – Greenville NC
- “ARGGGH: How to Read Like a Pirate” – *Literacy, Language, and Pirate Connections*
- Martin-Pitt Partnerships for Children – Greenville (Pitt) and Williamston (Martin)

Community Partners

The visibility of the department of CSDI is an integral aspect of the Bremer Professorship. Community outreach and the establishment of relationships with various centers and programs is vital to demonstrate our commitment to educate and promote literacy and language development in young children. During this year, I established collaborative relationships with each of these directors. Each of these individuals understand the commitment of CSDI, College of Allied Health Sciences, and ECU to providing community resources to the families and the children that they serve in their respective

settings. The following directors and their respective community programs/centers have been important sites for community service opportunities for our students relating to literacy and language.

- Lateshia Byrd, Center Director, KinderCare – Stantonsburg Rd., Greenville
- Charlene Knox, MSA – HUGS
Exceptional Children's Pre-K Coordinator, Sadie Saulter Educational Center
Greenville
- Emily Jarvis – A Time for Science, Executive Director
729 Dickinson Avenue, Greenville
- Paula Rountree, Programs Director
Emerge Gallery & Art Center, Greenville
- Bob Williams
Retired Director, Community Crossroads Center, Greenville
- Heidi Serrano, Amanda Parmelee
Martin-Pitt Partnership for Children
111 Eastbrook Drive, Greenville - Pitt & Martin Counties

Research Project with Researchers from MIT - Media Lab (Laboratory for Social Machines - Professor Deb Roy) – Nazare, J., Hershman, A., Pierce, H., Saveski, Walker, M. & Roy, D. (2018). SpeechBlocks in the Home: Examining Parent-Child Engagement with an Early Literacy App.

Dean of the Honors College, ECU – During my position as Dean, the number of student applications increased from 529 in 2013 to 773 2015, for a 27 % increase, with only 110 students being accepted as Honors College students and 20 EC Scholars annually from this enrolled student cohort. Fundraising totals from 2013 to July 2015 exceeded \$2.9 million. Under my leadership and campus collaboration, special affiliated academic programs and scholarships were developed and awarded including Music Scholars (College of Fine Arts and Communication - CFAC) and Humanities Scholars (Harriot College of Arts and Sciences- HCAS). Further collaborative efforts across colleges including the establishment of the Distinguished Artist-in-Residence (Bob Ebendorf) and a formal partnership with HCAS for the Voyages of Discovery Lecture Series and with HCAS and CFAC for the Nile Project. An EC Scholar fund was developed to support an EC Scholar majoring in engineering through a new relationship with DSM and a fund to award EC Scholars was established in memory of Ovid Pearce, ECU Professor Emeritus.

During my tenure as Dean of the Honors College, I also organized the inaugural Interdisciplinary Literacy Summit on May 21, 2014, as serving as the Bremer Distinguished Scholar. In partnership with Dr. Sarah Williams, Director of the Walter and Marie Williams STEPP Program, the campus-wide and community initiative was developed to facilitate discussions and partnerships relating to literacy-based challenges, including instruction, transitions between high school and college, research and interdisciplinary research. Following a keynote address by Dr. June Atkinson, North Carolina State Superintendent of Public Instruction, and welcoming remarks by Chancellor Steve Ballard, faculty from many disciplines across campus participated in the Literacy Summit including speech-language pathology (communication sciences and

disorders), special education, reading education, English, psychology, foreign languages, communication, anthropology, and sociology.

Chair of the ECU Faculty - Completed review (4/27/2012) and reorganization (6/30/2012) of the East Carolina University Faculty Manual. Charged in 2009 by Chancellor Ballard upon the recommendation of the Board of Trustees. Coordination of this review and revision by 26 academic/appellate committees, including Faculty Manual Steering Committee in the review, revision, and reorganization the ECU Faculty Manual.

Collaboration and leadership role in the reorganization of Graduate Governance at East Carolina University, including establishment of the Graduate Council and relationship with the Faculty Senate (2010 to 2012).

Completed review and updated charges of the University Standing Academic and Appellate committees (all reporting to the Faculty Senate – 2009 – 2012).

Organized and facilitated Faculty Senate and faculty input into the Academic Program Prioritization for the university which included EPPC Committee involvement (2010-2011) and the Program Prioritization Committee (2011-2012).

Developed and implemented process of *Formal Faculty Advice* as a shared governance process for all administrative PRRs (Policies, Rules, and Regulations) published in the University Policy Manual.

Initiated invitations from the Faculty Senate to the UNC System Presidents, Erskine Bowles and Tom Ross. Each President addressed the ECU Faculty Senate (2011 and 2012).

SACS Orientation in Atlanta, Georgia - traveled to Atlanta with university team for SACS orientation - for 2013 reaffirmation of accreditation (6/2011).

Chair - North Carolina Board of Examiners for Speech-Language Pathologists & Audiologists - Under my leadership, as Chair of the NCBOESLPA, in presenting request to the North Carolina State Board of Education, to require all school speech and language pathologists to possess licensure from the NCBOESLPA, and to acknowledge this the qualifying credential to work in the public schools. Formal presentation to the NC Board of Education, Raleigh, NC in November 2010 and March 2011. Collaborated with June Atkinson, State Superintendent, DPI Attorney, NCBOESLP Attorneys, and the NCBOESLPA board.

Outcome: NCBOESLPA licensure became a state requirement for speech-language pathologists employed by NC DPI. Effective July 1, 2011, the North Carolina State Board of Education will accept only a current valid North Carolina Board of Examiners for Speech and Language Pathologists and Audiologists (NCBOESLPA) license as the qualifying credential for service in public schools.

Under my leadership, as Chair of the NCBOESLPA, I facilitated approval and implementation of the North Carolina administrative rule involving telepractice (21 NCAC 64 .0219) of speech and language pathology and audiology services in North Carolina in September 2010.

Honors and Awards Received

Bremer Distinguished Scholar in Language Learning and Literacy Disorders
November 2018 to July 2020
Honored Instructor Award – December 2019, ECU Campus Living and the Residence
Hall Association
Faculty Mentor Award – Honors College, East Carolina University, 2018
ECU Incredible Woman – 2013 (Women’s Roundtable)
Phi Kappa Phi, ECU Chapter – Inducted in 2013
Woman of Distinction – The Committee on the Status of Women, East Carolina
University, 2011
Fellow of the American Speech-Language-Hearing Association (ASHA) - 2008
Bremer Distinguished Scholar in Language Learning and Literacy Disorders – 2008 -
2014
Outstanding Alumni Award – School of Allied Health Sciences, East Carolina
University – October 2007
Brody School of Medicine, Child & Adolescent Psychiatry Residency Award for
Excellence, Teacher of the Year, 2005-06
Dean’s Award for Outstanding Performance in Teaching, School of Allied
Health Sciences, 2005
University Scholar Teacher Award – 2004 (East Carolina University)
The Scientific Research Society of Sigma Xi – East Carolina University Chapter
Omicron Delta Kappa Society (National Leadership Honor Society) - Inducted
4/2002

Service to the University and Profession

University

Past-President, Phi Kappa Phi, ECU Chapter 2018 – present
Vice-Chair, Faculty Governance Committee - 2018-2019
Member, Faculty Governance Committee - 2019 – 2020
President, Phi Kappa Phi, ECU Chapter 2016 – 2018
Member, Chancellor’s Search Committee – 2015-2016
Ex-Officio member – ECU Foundation Board of Directors (2013 – 2015)
Chair of the Faculty (Faculty Officer) 2009-2010, 2010-2011, 2011-2012
(Included chairing the Faculty Senate from 2009 to 2012 – three terms)
Faculty Manual Steering Committee, Chair (2009-2012)
University Policy Manual Committee, Member (2009-2012)
Program Prioritization Committee, Member (2011-2012)
Quality Enhancement Program Executive Committee– QEP (SACS)- 2012/2013
UNC Faculty Assembly (2009-2012)

SACS, Executive Committee (2009-2012)
SACS Compliance Certification Committee (2009-2012)
Honors College Advisory Committee (2011-2012, 2012-2013)
Vice Chair of the Faculty (Faculty Officer) 2008-2009
Secretary of the Faculty (Faculty Officer) 2007-08
Academic Program Development Team (2009-2012)
Faculty Marshal – Appointed 2006-07 (4 - year term), serving until 2010
Faculty Senate – Ex-Officio member – 2012-2013
Faculty Senator- 2006-07, 2007- 08, 2008-2009
Graduate Council – 2011-2012; 2012- 2013
University Master Plan – Advisory Committee – 2009 to 2011
University Research Council – 2007- to present
Strategic Enrollment Management Task Force – 2007 to 2008
SAS – Graduate Education Working Group - 2008 to 2009
Faculty Governance Committee – 2008-to present
Faculty Senate Agenda Committee – 2007 to present
Provost Search Committee – 2008
Associate Dean for Graduate School Search Committee - 2009
Graduate School Administrative Board – 2007-08
Member of Task Force on Academic Affairs and Student Affairs – 2007-08
UNC Tomorrow Response Team 2007 to 2009
University Benefits Committee – 2007-08
Libraries Committee, Chair, 2005-06, 2006-07
Libraries Committee, Academic Committee (Faculty Senate), 2001-2002, 2002-2003,
2003-2004, Vice-Chair
Faculty Senate Alternate (for School of Allied Health Sciences) 2002, 2003,2004
Faculty Senator – 2006-07, 2007-08

College

Personnel Committee, Member, Dept. of Physician Assistant Studies
2016-2020
Undergraduate Curriculum Committee – 2018 to 2020
Research Committee, School of Allied Health Sciences – Chair, 2002-2003,
2003-2004
Chair, Poster Day, School of Allied Health Sciences, 2001-2002
Research Committee, School of Allied Health Sciences, 2000-2001, 2001-2002,
2002-2003
Hearing and Appeals Committee- Chair, 2003-2004
Hearing and Appeals Committee, School of Allied Health Sciences, 2001-2002
School of Allied Health Sciences - Faculty Council (Member-at-Large)-
1995- 96, 1996-97, 1997-98

Department

Chair, Personnel Committee (CSDI) – 2019-2020
Chair, Tenure Committee (CSDI) – 2019 – 2020
Member, Search Committee – Dept. of CSDI – 2020 to present
Search Committee Chair - Department of Communication Sciences and Disorders
 1) Teaching Instructor position – 2016 (completed)
 2) Tenure-track Assistant Professor – 2016 (completed)
Doctoral Studies Committee, Department of Communication Sciences and Disorders, 2000-2001, 2001-2002, 2003-2004, 2005 to 2013
Graduate Studies Committee, Department of Communication Sciences and Disorders, 1999-2000, 2000-2001, 2001-2002, 2003-2004, 2005 to present
Personnel Committee, Department of Communication Sciences and Disorders, 1999-2000, 2000-2001, 2001-2002, 2003-2004, 2005 to 2013, 2016 to present
Diversity Committee, Department of Communication Sciences and Disorders, 2000-2001
Student-Faculty Committee, Department of CSDI, 1998-99, 1999-2000, 2001-2002
Clinical Operations Committee - Department of Communication Sciences and Disorders, 1995, 1996, 1997, 2001-2002, 2002-2003, 2003-2004

Teaching and Research Experience (Graduate level – M.S. and Doctoral)

-Language Disorders (CSDI 6100) – Fall Semester 1999 - 2012, Fall 2016 to present
-Language and Learning Disabilities (CSDI 6101) - Spring Semester 2000-2013, Spring 2017 to present
-Professional Issues (CSDI 6901) – 2012-2013, Fall 2016 to 2020
-Clinical Methods for Speech-Language Pathology - I (CSDI 6320) – Fall 2009 to 2013
-Audiology Licensure, Certification, and Related Issues (CSDI 8150) – Fall 2016 to 2018
-Multicultural Communication Disorders (CSDI 6200) – Summer 2005, Fall 2005
-Advanced Seminar in Speech-Language Pathology (CSDI 8023) - 2000 to 2014
-Readings - Language Disorders: Implications for Audiologists - Fall Semester 1998, 1999
-Clinical Practicum in Speech-Language Pathology (CSDI 6225 and 6226) Fall, Spring, Summer Sessions 1988 to 2012
-Advanced Seminar in Communication Sciences (CSDI 8020) – Theoretical foundations of disorders in reading: Implications for research and clinical practice – 2001 to 2014
-Doctoral Seminar in Child Language Disorders (CSDI 8023) – 2001 to 2013
-Thesis (CSDI 7000)
-Dissertation (CSDI 9000)

Advising (General)

Sophomore Advisor – Honors College (2013-2014)
Graduate Advisor, Speech-Language Pathology Master of Sciences graduate students –
1999 to 2009 (Advised ½ of all M.S. students)

Doctoral Mentoring

Jo Naylor (2011 to 2014) – Awarded PhD in 12/2014 (Directed dissertation)
Laura Frye (2009 to 2013) – (*Left university in 2013*)
Matthew Carter (2009 to 2012) Awarded PhD in 12/2012 (Directed dissertation)
Donna Wolfe - Awarded PhD in 2010 (Directed dissertation)
Lauren Smith – Awarded PhD in 2008 (Co-directed dissertation)

Interdepartmental Teaching

Behavioral Sciences - Provide lectures to first year medical students (MD-1), Brody
School of Medicine, Speech and Language Development - 2009 to 2013

Residency Training Program Faculty Mentor (in Communication Disorders)- Child &
Adolescent Psychiatry Fellows, Department of Psychiatry, Brody School of Medicine,
East Carolina University, 1998 to 2013

Graduate Research Directed

Doctoral (Ph.D) Level:

Joanne Naylor – Dissertation - Effects of Word Length and Word Type on Decoding and
Spelling Abilities of Fourth Graders with and without Reading Impairments. Dissertation
Director/Advisor – Completed 12/2014.

Matthew David Carter – Dissertation – The effects of reading acceleration on reading
comprehension and decoding accuracy in high school students with reading disorders
Committee member – Completed 9/2014.

Donna Wolfe – Dissertation - The Effects of Presentation Rate on Semantic, Syntactic,
and Orthographic Processing in Children with Reading Disorders- Director/Advisor –
Completed 4/2011

The Effects of Types of Text, Text Length, and Reading Rate on Comprehension. Donna
Wolfe. Second year doctoral research project – Director - Project Completed 1/2009.

Timing is Everything: The Role of Visual and Auditory Temporal Processing in Disorders of Reading in Children - Dissertation. Lauren Smith: Dissertation - Co-advisor/director (with Dr. Gregg Givens) – Completed 5/2009.

Graduate (M.S.) Level:

Olivia Boorum – Thesis – Literacy skills in children with Autism Spectrum Disorders, Director, In Process – Spring 2017

Ann Martin – Thesis - Note Taking Skills Using the LiveScribe©Pen: Implications for College Students Diagnosed with Learning Disabilities, Director - Completed May 2014

Caitlin Wainright – M.S. Paper – Written Language Impairments: What is the incidence and how are they identified in college students with a language disorders - Completed May 2014

Maura Blakley – M.S. Paper - A Review of Colleges with Learning Disability Programs and an Introduction to East Carolina University's Project STEPP – Completed May 2014

Kathryn Ballenger – M.S. Paper - Identifying Appropriate Strategies and Accommodations for Post-Secondary Students with Learning Disabilities – Completed May 2014

Laurel Mackereth – M.S. Paper - Perceptual factors of college students with learning disabilities and their faculty – Completed May 2014

Lindsay M. Warren – M.S. Paper - The Relationship Between Dyslexia and Language: A Study of College Freshmen with Learning Disabilities – Completed May 2014

Natalie Nevitt – Thesis - The Relationship of Lexical Access and Reading Fluency, Director - Completed April 2012

Brittany Gee – Thesis - The Effect of the Acceleration Phenomenon in Children with Reading Disorders, Director - Completed April 2011

Chandrima Chakraborty – Thesis - Lexical Organization and Decoding Speed in Children with Reading Disorders, Director – Completed July 2008

Amanda Izquierdo – Thesis - Characterization of lexical abilities in pre-, peri-, and post-menopausal women, Director – Completed 4/5/07

Matthew Carter – Thesis - The Influence of Presentation Speed on Decoding Efficiency, Director – Completed 5/2009

Undergraduate Research Mentoring

Senior Honors Thesis

Sarah Porter – Honors College student and intended CSDI major.
Communication and Learning in Natural Environments: Generalization and Collaboration between Speech-Language Pathologists, Educators, and Families.
Director – Fall 2021 and Spring 2022.

Lauren Culver – Honors College student and CSDI undergraduate major.
The Effects of Fine Arts on Language and Literacy Skills in Children. Director- Fall 2017 and Spring 2018. URCA Award for research.

Rachel Pearce – Honors College student and CSDI undergraduate major.
The Effects of Book Type on Early Literacy Skills in Preschoolers. Director -Spring 2016, Fall 2016 and Spring 2017. URCA Award for research.

Mona Amin – Honors College student and Biology undergraduate major.
The Effects of Literacy Level and Socioeconomic Status on Nutritional Knowledge.
Director – Fall 2016 and Spring 2017.

Publications (Peer-Reviewed)

Hudson, M. E., & Walker, M. M. (Commentary Authors) (2020). Intensive collaborative intervention for phonological impairment in young children: Evidence for multiple oppositions intervention. *Evidence-Based Communication Assessment and Intervention*. 11(3), 167-173. <https://doi.org/10.1080/17489539.2020.1768640>

Carter, Matthew., Walker, Marianna., Hough, Monica., and O'Brien, Kevin (2017). The Effects of Text Length on Reading Abilities in Accelerated Reading Tasks. *Speech, Language, and Hearing*, 22 (2), 111-121. <https://doi.org/10.1080/2050571X.2017.1415086>

Carter, Matthew., Walker, Marianna., Hough, Monica., and O'Brien, Kevin. Reading rate acceleration: How fast is too fast? *Journal of Literacy and Technology*, 18(3), Winter 2017, ISSN: 15350975.

Carter, Matthew D., Walker, Marianna, & O'Brien, Kevin (2015). The effects of rate on single-word reading assessment. *American Journal of Speech- Language Pathology*, 24(1), 13-23.

Deal, R. A., Hough, M. S., Walker, M., Rastatter, M., & Hudson, S. (2010). Post-traumatic amnesia duration after traumatic brain injury: Relationship to

outcome of pragmatic skills during chronic phases of recovery. *Journal of Medical Speech-Language Pathology*, 18 (1), 35 - 47.

- Carter, M., Rastatter, M. P., Walker, M. M., & O'Brien, K. (2009). The effects of frequency altered feedback on the reading processes of adults with reading disorders. *Neuroscience Letters*, 461, 69-73.
- McGinty, K., Walker, M., and Bloch, R. (2008). Communication needs of children with serious emotional and behavioral disturbances: A system of care response. *Community Mental Health Journal*, 44, 295-302.
- Black, S. J., Everhart, D.E., Durham, T.W., Walker, M., Golden, J. & Demaree, H.A. (2008). The effects of anxiety on affective learning and serial position recall. *International Journal of Neuroscience*, 118, 1- 17.
- Walker, M.M., Givens, G.D., Cranford, J.L., Holbert, D., & Walker, L. (2006). Auditory pattern recognition and brief tone discrimination of children with reading disorders. *Journal of Communication Disorders*, 39, 442-455.
- Nagle, A. M., Everhart, D.E., Durham, T.W., McCammon, S. L., & Walker, M. (2006). Deception strategies in children: Examination of forced choice recognition and verbal learning and memory techniques. *Archives of Clinical Neuropsychology*, 21, (8), 777-785.
- Barrow I. M., Hough M. Rastatter, M. P., Walker M., Holbert D. & Rotondo, M. F. (2006). The effects of mild traumatic brain injury on confrontation naming in adults. *Brain Injury*, 20(8): 845-55.
- King, K., Hough, M.S., Walker, M., Rastatter, M., & Holbert, D. (2006). Mild traumatic brain injury: Effects on naming in word retrieval and discourse. *Brain Injury*, 20, (7) 725-732.
- King, K., Hough, M.S., Vos, P., Walker, M., & Givens, G. (2006). Word retrieval following mild TBI: Implications for categorical deficits. *Aphasiology*, 20, (2/3/4), 233-245.
- Walker, M. M. & Rastatter, M. P. (2003). The influence of vocabulary age and spatial dimension on rapid picture naming in children with reading disorders. *Journal of Communication Disorders*, 36, 307-319.
- Barrow, I. M., Hough, M., Rastatter, M. P., Walker, M., Holbert, D., and Rotondo, M. F. (2003). Within category naming in mild traumatic brain injured and normal adults. *Journal of Trauma, Injury, Infection, and Critical Care*, 54 (5), 1-10.
- Walker, M. (2002). Visual and Lexical Factors in Naming Speed by Children with Reading Disorders. *Perceptual and Motor Skills*, 95, 1196-1198.

- Walker, M., Shinn, J., Cranford, J., Givens, G., & Holbert, D. (2002) Auditory temporal processing performance of young adults with reading disorders. *Journal of Speech Language and Hearing Research, 45*, 598-605.
- Walker, M., Barrow, I., & Rastatter, M. (2002). The effect of dimension and vocabulary age on rapid picture naming in children. *Journal of Communication Disorders, 35*, 1-11.
- Walker, M. (2001). Transfer of lexical information in adults with reading disorders. *Perceptual and Motor Skills, 93*, 257-267.
- Walker, M., Spires, H. & Rastatter, M. (2001). Hemispheric processing characteristics for lexical decisions in adults with reading disorders. *Perceptual and Motor Skills, 92*, 273-287.
- McGinty, K. & Walker, M. (2000) Communication Disorders among Seriously Emotionally Disturbed Children. *Scientific Proceedings of the 47th Annual Meeting of the American Academy of Child and Adolescent Psychiatry*, p. 127.
- Walker, M. (1999). Innovative Models of Phonological Awareness in University Program Curriculum. *American Speech-Language-Hearing Association Special Interest Division 1: Language Learning and Education, 6* (1), 39-40.
- Walker, M., and Bengala, D. (1998). Learning Disabilities in the Hearing-Impaired Population: A Diagnostic Protocol. In H. Maier, *Proceedings of the 5th International Congress on Hard of Hearing. Vol. 1*, Graz, Austria: International Federation of Hard of Hearing.
- Walker, M., Shine, R., Hume, W., Logue D., and Soames, G. (1995). Spectrographic Analysis of Fluent Speech of Normally Fluent and Stuttering Children. In C. Starkweather and H. Peters, Eds., *Stuttering: Proceedings of the First World Congress on Fluency Disorders, Vol.1*, 280-282, Nijmegen, Netherlands: The International Fluency Association.

Grants and Grant Proposals

US Department of Education (DE) – Co-PI: ECU CONVEY: Collaborating to Overcome Needs by Improving the Voice of Exceptional Youth – Training Grant. Submitted April 2017. Co-PI with Sandra Warren (Department of Special Education, Foundations, and Research; College of Education), Christy Walcott (Department of Psychology, Harriot College of Arts and Sciences), and Melissa Hudson (Department of Special Education, Foundations, and Research; College of Education) – Funded for \$1.25 million (5 year interdisciplinary training grant).

National Science Foundation (NSF) – Co-PI: EAGER Germination: University Platform for Innovation in Communication. EFMA –EFRI Research Projects – Status – Submitted 1/19/2016 for \$99,765. Co-PI with Sharon Paynter (Director of EOSA and Associate Professor of Political Science), Mary Farwell (Assistant Vice Chancellor of Research and Economic Development), and Kate LaMere (Associate Director of School of Art and Associate Professor). Requested starting date – 9-01-2016. Not funded.

National Science Foundation (NSF) - Co-PI: Acquisition of a high density array (256 channel) source localization EEG/ERP system. – Research/creative activity/Equipment grant – (Submitted -1/2006) – Interdisciplinary grant – D. Erik Everhart (PI) Psychology, C. Erwin Davis (Co-PI) Psychology, and Jennifer Bugos (Co-PI) Music. Not funded.

Early auditory and lexical abilities in preschoolers. National Institutes of Health (NIH), National Institute on Deafness and Other Communications Disorders (NIDCD), Primary Investigator, \$50,000 for 2 years. Not funded

Early Literacy Training Grant, North Carolina Department of Public Instruction – University Liaison with Edgecombe County Schools, Affiliation with public school system, Primary investigator on study to begin in Fall 2003. Funded - \$10,000

Communication Disorders among Children with Psychiatric Disorders. Funding Agency: North Carolina Department of Mental Health, Developmental Disabilities, and Substance Abuse Services, Raleigh, NC. July 21, 1996. Principal Investigator, M. Walker, Co-Investigator: Kaye McGinty, M.D., ECU School of Medicine. (This grant was awarded as “an innovative mental health communication evaluation to support the Pitt-Nash Public Academic Liaison Project or PEN-PAL”.) Funded - \$5500.00.

Communication Assessment & Consultation of Pitt County with Psychiatric Disorders. Funding Agency: Pitt County Health Education Foundation, Greenville, NC. August, 1996. Principle Investigator: Dr. Kaye McGinty, ECU School of Medicine. Co-Investigator: Marianna Walker, Funded - \$3,500.

Interdisciplinary Professional Training & Education in Psychiatric Medicine and Communication Sciences & Disorders, PEN-PAL grant, Co-investigator, Social Sciences Training Consortium, ECU. North Carolina Department of Mental Health, Developmental Disabilities, and Substance Abuse Services, Raleigh, NC. Grant submission (4/2000) with Kaye McGinty, M.D., Division of Child and Adolescent Psychiatry, Department of Psychiatry, ECU School of Medicine, for approximately \$403,000 - Grant awarded for period 10/2000 through 12/2000.

Selected Scholarly Presentations

Invited Presentations/Papers

Walker, M. M., Walcott, C. M., & Anderson, K. L. (2020, October). *Interprofessional Collaboration for Literacy Development in Schools*. 50th Annual Meta M. Downes Speech-Language & Hearing Symposium. Greenville, NC.

Contemporary Ethical and Legal Issues Relating to the Practice of Speech-Language Pathologists in North Carolina (January 2020). SHARE (Speech & Hearing Area Resource Exchange), Greenville NC. Nahale Freeland Kalfas, NCBOESLPA Attorney and Marianna Walker.

The Effects of Traditional and Digital Books on Early Literacy Skills in Preschoolers (2017) Global Issues Virtual Conference, Greenville, NC. Rachel Pearce (Honors College student) was selected to present her study at the Education international virtual session. (*I served as Rachel's Senior Thesis Mentor for this scholarly work.*)

Diversity Seminar at East Carolina University: Invited panel participant - A University Town Hall Meeting and Panel Discussion: Why Cultural Competence is Imperative for 21st Century Graduates - Sponsored by the Office of Equity, Diversity, and Community Relations, 2011

Izquierdo, A., Walker, M., Hough, M., Sherri, J., Suzanne, H., Shulman, Kathleen; and Pratt, Katherine, (2011). *Characterization of lexical abilities in pre-, peri-, and post-menopausal women*. Chancellor's Committee on the Status of Women, Greenville, North Carolina.

Relationship and Inter-relationships: Panel Discussion. Chancellor's Leadership Academy, East Carolina University 2009, 2011, 2012

Parent Advocacy for Children with Language Learning Disorders. Annual Children's Services State of the Art Conference, Atlantic Beach, NC, August 14, 2008.

Language and Reading Disorders of Adolescents: Assessment and Intervention Strategies, North Carolina Speech Language and Hearing Association Annual Conference, Asheville, NC, April 2008.

Information Processing Problems and Disruptive Behavior Spectrum Disorder. Eastern AHEC Conference Center, Greenville, NC, November 2006.

Language Disorders: Implications for Communication, Academic Achievement, & Socialization. Grand Rounds in Psychiatric Medicine. Brody School of Medicine, East Carolina University, October, 2003.

Language Links to Literacy: The Role of the Speech-Language Pathologist, SHARE Spring Meeting. East Carolina University, Greenville. March 22, 2002.

Phonological Awareness Education in University Program Curricula. Panel Seminar. SID # 1 and # 10 Sponsored Seminar. ASHA Annual Convention, San Antonio, November 1998.

Grand Rounds/Psychiatric Medicine -Communication Disorders among Children with Emotional/Behavioral Disorders. Co-presenter: Kaye McGinty, M.D Child and Adolescent Psychiatrist. ECU School of Medicine, May 24, 1997.

International Lectures & Papers

DISES International Conference, Montego Bay, Jamaica, June 2019 (Oral Presentation). Improving Child Advocacy and Outcomes with Specialized Interdisciplinary Team Training. Melissa Hudson and Marianna Walker.

Clinical Aphasiology Conference (2006). Belgium – 6/2/06, Relationship between post-traumatic amnesia duration and pragmatics after injury (with Rachel Deal, Monica Hough, Michael Rastatter, and Suzanne Hudson)

International Neuropsychological Society, Boston, February 2006. Cognitive dissimulation strategies in children: Examination of forced choice recognition memory and verbal learning and memory. (Authors: Nagle, Everhart, Durham, McCammon, and Walker).

The Effect of Color & Vocabulary Age on Hemispheric Picture Naming Characteristics in Children with Reading Disorders, Joint Conference of the IX International Congress for the Study of Child Language Disorders and the Symposium on Research in Child Language Disorders, Madison, Wisconsin, July, 2002.

Learning Disabilities in the Hearing-Impaired Population. Co-presenter with Debby Bengala. Fifth International Congress on Hard of Hearing, Graz, Austria, August 1996.

Spectrographic Analysis of the Fluent Speech of Normally Fluent and Stuttering Children. First World Congress of Fluency Disorders, Munich, Germany, August 1994.

National Lectures & Papers

Hudson, M. E. and Walker, M. M. (2021, July). Specialized Interprofessional Training via ECU CONVEY Summer Institute. 2021 OSEP Project Directors' Conference. Arlington, Virginia.

Walker, Marianna, Warren, Sandra, Walcott, Christy, & Hudson, Melissa. (2019) *Interprofessional University Training Model for future Speech Language Pathologists, Special Educators, and School Psychologists* (CONVEY). Poster Presentation, American Speech-Language-Hearing Association (ASHA) Annual Convention, Orlando, Florida.

Hershman, A., Nazare, J., Walker, M., Pierce, H., Gray, J., Sysoev, I., Saveski, M., Makini, S., Chu, E., Exposito, M., and Roy, D. (2019). *Extending the SLP into the Home: Examining Coach-Supported Parent-Child Engagement with an Early Literacy App*. (Technical Research Presentation). American Speech-Language-Hearing Association (ASHA) Annual Convention, Orlando, Florida.

Boorum, Olivia; Walker, Marianna; Rangarathnam, Balaji; O'Brien, Kevin, & Walcott, Christy (2018). *Predictors of Emergent Literacy in Children with Autism Spectrum Disorders*. Poster Presentation. American Speech-Language-Hearing Association (ASHA) Annual Convention, Boston, Massachusetts.

Wolfe, D., Walker, M. M., Vos, P., Givens, G., & Hough, M. (2016). *Semantic, Syntactic & Orthographic Processing in Early Fluent Readers*. Oral Research Presentation, American Speech-Language-Hearing Association (ASHA) Annual Convention, Philadelphia, Pennsylvania.

Carter, M. D., Walker, M. W., Hough, M. S., & O'Brien, K. (November 2013). *The effects of text length in an accelerated reading task*. Poster presented at the 2013 American Speech-Language-Hearing Association Annual Convention. Chicago, IL.

Frye, L., Walker, M. & O'Brien, K. (November 2013). The effects of morphological complexity on a single-word decoding task among adults. Oral presentation presented at the 2013 American Speech-Language-Hearing Association Annual Convention. Chicago, IL.

Carter, M., Rastatter, M. P., Walker, M. M., Hough, M. S., & O'Brien, K. (November 16, 2012). *The effects of reading acceleration on reading comprehension*. Poster presented at the 2012 American Speech-Language-Hearing Association Annual Convention. Atlanta, GA.

Walker, Marianna & Wolfe, Donna (November 2012). Clinical Management of Literacy and Language Disorders in the Adolescent. Oral presentation presented at the 2012 American Speech-Language-Hearing Association Annual Convention. Atlanta, GA.

Effects of Reading Rate and Text Length on Reading Comprehension. Donna Wolfe, Mariana Walker and Paul Voss, ASHA Annual Convention, San Diego, CA, November 2011.

The Relationship of Language and Orthographic Processing to Reading Fluency. Donna Wolfe, Mariana Walker, Monica Hough and Gregg Givens, ASHA Annual Convention, San Diego, CA, November 2011.

National Council of State Licensure Boards, Presented on Speech-Language Pathology-Assistants - Legal Issues, Santa Fe, New Mexico - Academic Conference: Panelist

DeBrock, L. M., Heilman, J., Riley-Tillman, C., & Walker, M. (2010). Documenting Sources of Error in Language Sample Analysis Using G-theory. American Speech-Language-Hearing Association Annual Convention.

Effects of Rate on Decoding Profiles of Adults with Reading Disorders. Matt Carter, Marianna Walker, and Michael Rastatter, ASHA Annual Convention, Chicago, Illinois November 2008.

Gender Differences in the Neurolinguistic Processing of Emotion. Marianna Walker and Jane Chaffee, ASHA Annual Convention, Chicago, Illinois November 2008.

An Investigation of Auditory & Visual Temporal Processing in Children with Reading Disorders. Lauren Smith, Gregg Givens, and Marianna Walker, ASHA Annual Convention, Chicago, Illinois November 2008.

Picture Naming & Word Reading: Differential Tasks for Children Following TBI. Kristin King, Monica Hough, Marianna Walker, Michael Rastatter. ASHA Annual Convention, Chicago, Illinois November 2008.

Effects of FAF on Reading Disordered Adults' Reading Comprehension. Matt Carter, Marianna Walker, and Michael Rastatter, ASHA Annual Convention, Chicago, Illinois November 2008.

Characterization of Lexical Abilities in Pre-, Peri-, & Postmenopausal Women, ASHA Annual Convention, Boston, Ma. 2007.

Accelerated Decoding Processes of Children with Reading Disorders, ASHA Annual Convention, Boston, Ma. 2007.

Lexical Organization and Decoding Speed in Children with Reading Disorders. American Speech Language and Hearing Association Annual Convention, San Diego, November 2005.

Lexical Decision Strategies in Children with Reading Disorders (with Michael Rasttater), ASHA Annual Convention, Philadelphia Pennsylvania, November, 2004.

Brief Tone Discrimination of Young Adults with Reading Disorders (with Jennifer Shinn, Jerry Cranford, & Gregg Givens). ASHA Annual Convention, Washington, D.C. November 2000.

Communication Disorders among Seriously Emotionally Disturbed Children (with Kaye McGinty). American Academy of Child & Adolescent Psychiatry, New York, NY. October 2000.

Picture Naming Strategies in Reading Disordered Children (with Michael Rastatter). The Symposium on Research in Child Language Disorders. University of Wisconsin, Madison Wisconsin. June 2000.

Comprehensive Language Assessment of Children and Adolescents with Psychiatric Disorders. With D. Kaye McGinty. ASHA Annual Convention, San Antonio, Texas, November 1998.

Classroom Teachers' Referral Patterns and Perception of the Language-Impaired. ASHA Annual Convention, New Orleans, Louisiana. November 1995.

State and University Presentations and Papers

Boorum, O., Walker, M.M., & Rangarathnam, B. (2018, March). Pre-literacy indicators In children with autism spectrum disorders. Spring Conference of North Carolina Speech-Language and Hearing Association, Raleigh, NC.

Carter, M. D., Rastatter, M. P., Walker, M. M., Obrien, K. (Spring, 2009). *The effects of rate on decoding accuracy*. Poster presented at the 2009 East Carolina University Research Symposium.

Carter, M. D., Rastatter, M. P., Walker, M. M., Obrien, K. (Spring, 2008). *Increasing reading disordered adults reading comprehension*. Poster presented at the 2008 East Carolina University Research Symposium.

Licensure for New Graduates – Steps A – Z, North Carolina Speech Hearing and Language Association – Annual Convention, Asheville, NC (4/2008); with Sandy Capps and David Blalock.

Legal issues and clinical responsibilities in the supervision of SLP-A's –North Carolina Speech Hearing and Language Association – Annual Convention, Asheville, NC (4/2008); with Sandy Capps and David Blalock.

Clinical Management of Language Learning Disabilities. Annual Convention of the North Carolina Speech Language and Hearing Association, Raleigh, NC, March 2007.

North Carolina Speech Hearing and Language Association – Annual Convention, Raleigh, NC (3/29/07) - Licensure for New Graduates – Steps A – Z (with Sandy Capps and David Blalock)

ECU Research Day (3/26/07) - Characterization of Lexical Abilities in Pre-, Peri-, and Post-Menopausal Woman (with Amanda Izquierdo)

ECU Research Day (3/26/07) - The Effect of Rate and Frequency Altered Feedback on the Decoding Profiles of Reading Disordered Adults (with Matthew Carter and Michael Rastatter)

Contemporary Research and Clinical Management of Reading Disorders: Revisiting Language Systems, 49th Annual Convention of the North Carolina Speech Language and Hearing Association, Research Triangle Park, NC, April 2003.

The National Reading Panel's Recommendations: What's in it for us? (Co-presenters: Sandie Barrie-Blackley, Gregg Givens, Merry Lowe), 47th Annual Convention of the North Carolina Speech Language and Hearing Association, Wilmington, NC, March, 2000.

Communication Disorders Among Children and Adolescents with Severe Psychiatric Disorders. With Kaye McGinty, M.D. Speech & Hearing Area Resource Exchange, December 1999.

The ECU Scottish Rite Childhood Language Disorders Program: A Clinical Model. With Betty Smith. NCSHLA Annual Convention, April 1996.

Consultantships, Editorships, and Other Professional Activities

Journal – *Brain Sciences*, Manuscript Reviewer- 2021

Pathways to Grade Level Reading - Data Gaps Analysis Meeting - North Carolina Institute of Medicine, Morrisville, NC (2017 – 2018)

ECU Lab School Research Committee East Carolina Fall 2017 to present - Ongoing Interdisciplinary Collaboration University

Consultant to PR firm and working with the NCBOESLA regarding speech-language pathology and audiology – (July 2016 to 2017) NCBOESLPA in public relations for the professions of Speech-Language – Information is on NCBOESLPA website - <https://ncboeslpa.org/resources/consumer-information/>

Was interviewed by WRAL- for GoAskMom - Signs that your child may have a language, hearing deficiency. Sarah Lindenfeld Hall also reported on the interview (and my input) on WRAL. ECU, the department of CSDI, and the SRF Clinic (ECU) were also publicized on this article and televised interview. <http://www.wral.com/five-signs-your-child-may-have-a-language-hearing-deficiency/16312408/>

ECU Board of Trustees – Quarterly presentations from 2009-2012 (updated on state of the faculty, Review of the Faculty Manual, and initiatives relating to student success and shared governance at ECU.

ECU Commencement Addresses – Provided remarks to both Winter and Spring Commencement Ceremonies from 2009-2012.

Chair, North Carolina Board of Examiners for Speech and Language Pathologists and Audiologists, Speech-Language Pathology – Beginning 10/2008 to 2011.

North Carolina Board of Examiner for Speech and Language Pathologists and Audiologists, Speech-Language Pathology member, Appointed by Governor, August 2004 – 2008.

Delmar – Book reviewer (2010 to present).

Journal – *Language Speech and Hearing Services in the Schools*, Manuscript Reviewer-2008

Journal – *American Journal of Speech Language Pathology*, Manuscript Reviewer, 2007.

Journal – *American Journal of Speech Language Pathology*, Manuscript Reviewer, September 2005.

Journal - *Brain and Language*, Manuscript Reviewer, January, 2004.

Journal- *Perceptual and Motor Skills*, Manuscript Reviewer, 2004, 2005.

Journal, *Speech, Hearing, and Language Services, in the Schools*, 2004.

Speech-Language Pathology Early Childhood Study Committee, North Carolina Department of Public Instruction, Exceptional Children Division, January 9, 2004.

University Liaison, Early Literacy Training Grant, Edgecombe County Schools, 2002-2003, 2003-2004.

Book Review – Allyn & Bacon, *Language and Reading Disabilities*, Catts, H. and Kamhi, A. (9/2002).

Literacy, Language, and the Speech-Language Pathologist - Part II: Exploring connections between oral language, reading comprehension, and written language), Inservice to Edgecombe and Nash County school Speech-Language Pathologists, February 8, 2002.

Literacy, Language, and the Speech-Language Pathologist – Part I: Reading Intervention and the SLP. Inservice to Edgecombe and Nash County School Speech-Language Pathologists, November 2, 2001.

Reading Curriculum and Testing Consultant - Bridges Charter School, Elkin, NC
1999/2000

Established affiliation with Bridges Charter School, Elkin, NC (Research &
Service) 1999/2000, 2000/2001

Consultant – Disability Support Services, East Carolina University (1995 to present)

Consultant - Office of Student Affairs, East Carolina University School of Medicine - In
the area of language and learning disabilities (1995 to present)

Community Activities Related to Professional Skills

Bremer Literacy Team – 2018 to present – Provided literacy and language activities and
books to many day-care centers, A Time for Science, Emerge Gallery (*Read Like a
Pirate!*), Martin-Pitt Partnerships, homeless shelter in Pitt County (Community
Crossroads). Provided speech and language screenings, participated in Kids Fest with
literacy handouts/bookmarks, and outreach to community families

Affiliate (university) with Early Literacy Coalition of Eastern Carolina/Books from Birth -
United Way of Pitt County – Fall 2016 to present

Kids Fest – Organization and supervision of university students screening speech,
language and hearing of community children (with Dr. Will Eblin), Greenville Convention
Center, May 2017.

Committee/Task School Readiness Committee - Fall 2016 to present - Ongoing
Interdisciplinary Collaboration Community Engagement Local Member - Pitt County

Pitt County Schools, Consultant to School-based team and Director of Exceptional
Children for a child with a language disorder - 2005

Speech-Language Pathology Early Childhood Study Committee, North Carolina
Department of Public Instruction, Exceptional Children Division, January 9, 2004.

Division 1 Review Team for Position Statements in Speech-Language Pathology
American Speech Language and Hearing Association (ASHA), 2000-2001

2001 Annual Convention Program Committee, Motor Speech in Adults & Children,
American Speech Language Association, 2000-2001

University Caucus Leader, North Carolina Speech Language & Hearing Association,
2001

Speech Hearing Area Resource Exchange (SHARE Organization)
Treasurer - 1998- to 2012

North Carolina Speech Language and Hearing Association (NCSHLA)
Member, Membership and Recognition Committee - 1996-97, 1995-96
Chair, Membership and Recognition Committee (Elected Position),
1994-95
Member, Nominations Committee- 1995-96

North Carolina Association of Supervisor in Speech-Language Pathology and
Audiology, Chair, Ad Hoc Committee of University Supervisors, 1996-97,
1997-1998

Current Professional Memberships

American Speech-Language-Hearing Association
North Carolina Speech Hearing and Language Association
Phi Kappa Phi
Sigma Xi – Scientific Research Society
Speech and Hearing Area Resource Exchange
National Council of State Boards of Examiners for Speech-Language
Pathology and Audiology
International Dyslexia Association
Phi Delta Kappa

Clinical Credentials & Licensure

National Clinical Competence in Speech-Language Pathology (CCC-SLP), American
Speech Language & Hearing Association (since 1983)

Licensed Speech-Language Pathologist - State of North Carolina Board of Examiners for
Speech and Language Pathologists and Audiologists (since 1983)