

Vitae

Marianna M. Walker, Ph.D., CCC-SLP
Associate Professor
Department of Communication Sciences and Disorders
School of Allied Health Sciences
East Carolina University

Formal Education

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

Certification National Clinical Competence in Speech-Language Pathology,
American Speech Language & Hearing Association (since 1982)

Licensed Speech-Language Pathologist - State of North Carolina Board of Examiners for
Speech and Language Pathologists and Audiologists (since 1982)

Position Associate Professor, Department of Communication Sciences & Disorders
Dept. of Communication Sciences and Disorders
East Carolina University

2005 – present - Associate Professor (tenured 7-05)
1999 – 2005 - Assistant Professor
1988 – 1999 – Clinical Associate Professor

Adjunct Associate Professor of Psychiatric Medicine – Brody School of Medicine, East
Carolina University

Responsibilities and Load

- Teach all graduate courses in child language disorders, language and literacy (Master's level), multicultural communication disorders
- Teach seminars and research courses in Language and Reading Disorders at the Doctoral level.
- Research – conduct extensive research and supervise student thesis, doctoral research projects, and dissertations in the areas of language and literacy.
- Supervise graduate students in the Speech-Language and Hearing Clinic and the Scottish Rite Childhood Language Disorders and Dyslexia Program.
- Supervise Fellows in Child and Adolescent Psychiatry through a clinical rotation in the Dept. of CSDI – (Adjunct Associate Professor of Psychiatric Medicine).

Teaching and Research Experience (Graduate level)

Language Disorders (CSDI 6100) – Fall Semester 1999, 2000, 2001,2002,2003, 2004, 2005
Language and Learning Disabilities (CSDI 6101) - Spring Semester 2000, 2001,2002,
2003. 2004, 2005

Multicultural Communication Disorders (CSDI 6200) – Summer 2005, Fall 2005
Advanced Seminar in Speech-Language Pathology (CSDI 8023) - Fall Semester, 2000,2003
Readings - Language Disorders: Implications for Audiologists Fall Semester 1998,1999

Clinical Practicum in Speech-Language Pathology (CSDI 6225 and 6226) Fall, Spring,
& Summer Sessions 1999, 2000,2001,2002,2003,2004

Advanced Seminar in Communication Sciences (CSDI 8020) – Theoretical foundations of
disorders in reading: Implications for research and clinical practice - Fall 2001, Fall 2003
Doctoral Seminar in Child Language Disorders (CSDI 8023)

Undergraduate level (prior to tenure-track appointment in 1999)

Language Development (CSDI 3020) - Fall Semester 1997, 1998.
Survey in Language Disorders (CSDI 4020) - Spring Semester, 1998, 1999.
Articulation/Phonology - (CSDI 3050) Undergraduate Course - Spring Semester 1996.
Clinical Lab - Team taught with other Clinical Faculty (Fall 1995).
Appraisal of Communication Disorders (CSDI 6115) - Fall Semester 1989.

Advising

Undergraduate Advisor, CSDI majors- 1999/2000, 2000/2001, 2001/2002,
2002/2003

Graduate Advisor, Speech-Language Pathology students - 1999/2000, 2000/2001,
2001/2002, 2002/2003, 2003/2004. 2004/2005, 2005/2006

Interdepartmental Teaching

Residency Training Program Faculty Mentor (in Communication Disorders)- Child &
Adolescent Psychiatry Fellows, Department of Psychiatry, Brody School of Medicine,
East Carolina University, 1998- 1999, 1999-2000, 2000-2001, 2001-2002. 2002-2003.
2003-2004, 2004-2005, 2005-2006

Graduate Research Directed in Past Five Years

Graduate (M.S.) Level:

“Lexical Organization and Decoding Speed in Children with Reading Disorders” – Thesis
Chanrima Chakraborty – Thesis Director In Progress 2007

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

“The Influence of Presentation Speed on Decoding Efficiency” -
Matthew Carter – Thesis Director – In Progress 2005

“Hemispheric Organization of Emotion in the Lexicon of Females”
Paige Pittard – Thesis Director – Defense Date – 4/9/03

Picture Naming Strategies of Young Children with Reading Disorders
Elizabeth Owens – Thesis Director
Completion date – 5/2001

Brief Tone Discrimination Ability of Young Adults with Reading Disorders
Jennifer Shinn - Co-Director with Jerry Cranford, Ph.D.
Completion date – 4/2000

Doctoral Level:

Co-director of dissertation: Timing is Everything: The Role of Visual and Auditory Temporal Processing in Disorders of Reading in Children. Dissertation. Lauren Smith. In Progress 2005.

Committee membership: Mild Traumatic Brain Injury: Effects on Word Retrieval in Naming & Discourse. Thesis, Kristin King. Under the direction of Dr. Monica Hough. Completed 2004.

Committee membership: Within Category Naming in Mild Traumatic Brain Injured and Normal Adults. Doctoral Dissertation, Irene Barrow. Under the direction of Dr. Monica Hough and Dr. Michael Rastatter. Completion date - 4/2001.

Publications

McGinty, K., Walker, M., and Bloch, R. (Submitted 10/2007). Communication Needs of Children with Serious Emotional and Behavioral Disturbances: A System of Care Response. *Community Mental Health Journal*

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 Applied for in the Last Five Years

National Science Foundation (NSF) - Co-PI: Acquisition of a high density array (256 channel) source localization EEG/ERP system. – Research/creative activity/Equipment grant – Status – In Review (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. Review date for funding considerations – 5/2004.

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 (my part of the grant).

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, \$5500.00. 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”.)

Communication Assessment & Consultation of Pitt County with Psychiatric Disorders.

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

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

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

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

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.

Hemispheric Organization of Emotional Lexicon in Females (with Paige Pittard, Monica Hough, Michael Rastatter, Eric Everhart, and Kevin O'Brien). ASHA Annual Convention, Chicago, Illinois, November, 2003.

Decoding and Phonologically Based Reading Curriculum (with Gregg Givens, Sandie Barrie-Blackley, and Merry Lowe) ASHA Annual convention, Atlanta, Ga., November, 2002.

The Effect of Color and Vocabulary Age on Hemispheric Picture Naming in Children with Reading Disorders (with Elizabeth Owens, Andrew Stuart, and Donald Holbert) ASHA Annual Convention, New Orleans, La., November, 2001.

Auditory Temporal Processing Abilities of Children with Reading Disorders (with Letitia Walker, Jerry Cranford, and Gregg Givens), ASHA Annual Convention, New Orleans, La., November, 2001.

Confrontation Naming in Mild TBI and Normal Adults (with Irene Barrow, Monica Hough, Michael Rastatter, and Donald Holbert), ASHA Annual Convention, New Orleans, La., November, 2001.

The Influence of rate and linguistic category on lexical decisions in reading disordered children and adults (with Michael Rastatter,) The Symposium on Research in Child Language Disorders. University of Wisconsin, Madison Wisconsin. June, 2001.

Picture Naming Strategies of Reading-Disordered & Normally Reading Children. ASHA Annual Convention, Washington, D.C. November, 2000.

Lexical Decision Processing Strategies in Reading Disordered Adults. ASHA Annual Convention, Washington, D.C. November, 2000.

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

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)

Eastern AHEC, 11/9/06. Information processing problems and disruptive behavior disorders (with Dr. John Diamond and Dr. Tom Clay)

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

North Carolina Board of Examiner for Speech and Language Pathologists and Audiologists, Speech-Language Pathology member, Appointed by Governor, August 2004 – 2007, Currently serving second term.

Journal – *American Journal of Speech Language Pathology*, 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 Liasion, 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)

Service on Campus Committees in Past Five Years

University

Secretary of the Faculty (Faculty Officer) 2007-08
Faculty Marshal – Appointed 2006-07 (4 year term)
Faculty Senator- 2006-07, 2007- 08
University Research Council – 2007-08
Graduate School Administrative Board – 2007-08
Member of Task Force on Academic Affairs and Student Affairs – 2007-08
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
Honors Program Committee, Academic Committee (Faculty Senate)
Secretary, 2000-2001
Division of Health Sciences Golf Classic Executive Committee - 1998 to 1999
Volunteer Coordinator for Health Sciences Golf Classic - 1994 to 1999
Division of Health Sciences Golf Classic Committee - 1994 to 1999

School

Faculty Senator – 2006-07, 2007-08
Research Committee, School of Allied Health Sciences – Chair, 2002-2003,2003-2004
Hearing and Appeals Committee- Chair, 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, School of Allied Health Sciences, 2001-2002
School of Allied Health Sciences - Faculty Council (Member-at-Large)- 1995-96,
1996-97, 1997-98

Department

Doctoral Studies Committee, Department of Communication Sciences and Disorders,
2000-2001, 2001-2002, 2003-2004, 2005-present
Graduate Studies Committee, Department of Communication Sciences and Disorders,
1999-2000, 2000-2001, 2001-2002, 2003-2004, 2005 - present
Personnel Committee, Department of Communication Sciences and Disorders,
1999-2000, 2000-2001, 2001-2002, 2003-2004, 2005- 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

Community Activities in Past Five Years Related to Professional Skills

Professional Service

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

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 - 1998-1999, 1999-2000. 2000-2001, 2002-2003, 2003-2004

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 (NCASSPA)
Chair, Ad Hoc Committee of University Supervisors, 1996-97, 1997-98

Current Professional Memberships

American Speech-Language-Hearing Association
North Carolina Speech Hearing and Language Association
Speech and Hearing Area Resource Exchange
North Carolina Association of Supervision in Speech-Language Pathology and Audiology
Sigma Xi – Scientific Research Society
International Reading Association
Phi Delta Kappa

Honors and Awards Received

Outstanding Alumni Award – School of Allied Health Sciences, Dept. of CSDI, EAST Carolina University – October 2007

Marianna M. Walker, Ph.D., CCC-SLP
East Carolina University

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 – 2004
Omicron Delta Kappa Society (National Leadership Honor Society) Inducted 4/2002
Phi Delta Kappa (inducted into fraternity) - 11/95
Award for Continuing Education (ACE) - ASHA, 1989, 1992