

Walter Murphy
Assistant Vice President for Research and Innovation *and*
Deputy Chief Research Officer, Office of Research
Texas A&M University – Central Texas
1001 Leadership Place, Killeen, TX 76549
(254) 519-5761 / Email: murphyw@tamuct.edu

EDUCATION

Vanderbilt University Medical School, Postdoctoral faculty researcher
University of Rochester, Ph.D.

Dissertation: *Speech recognition in noise: Developmental changes from 4 to 8 years of age*
University of Rochester, M.A.

Thesis: *Identification of "vowelless" vowels by three-year-olds*
Harvard-Radcliffe Colleges, A.B.

PROFESSIONAL SOCIETIES

Member, Southwestern Psychological Association

Member, Society for Research in Child Development

Member, American Auditory Society

Member, Psi Chi (psychology honor society) and Pi Gamma Mu (social sciences honor society)

HONORS AND AWARDS

(Inaugural) Staff Excellence Award, 2019, A&M Central Texas

Ignite Award (Faculty), 2015, A&M Central Texas

Who's Who among America's Teachers, 2000, 2002, 2005, 2007

University of Rochester Rush Rhees Fellowship, 1984-1985, 1985-1986, 1986-1987

Harvard University Special Student, 1983-1984

Harvard College Scholarship for Academic Distinction, 1981-1982, 1982-1983

RESEARCH EXPERIENCE

Fall 2016 – present Faculty Fellow, University Center for Applied Research and Engagement,
A&M Central Texas

Fall 2014 – present Texas A&M University-Central Texas, College of Education and Human
Development, Department of Counseling and Psychology

Laboratory research and paper development with several members of the department on
topics including helping students with APA format writing, awareness of research consent form
content, domestic violence, and parents' views on childhood vaccination

Fall 2009 – Summer 2016 Baylor University, Robbins College of Health and Human Sciences, Department of Communication Sciences and Disorders

Laboratory research, writing, and statistical consultation on research programs investigating effects of hearing impairment on development with Dr. Jeanne Dodd Murphy

Fall 2003 – Spring 2009 Lenoir-Rhyne University, Center for Family and Community Relationships, School of Social and Behavioral Sciences

Laboratory research and writing on issues of family development with Dr. David Ludwig

March 1997 – May 2008 Appalachian State University, Reich College of Education, Department of Language, Reading, and Exceptionalities

Laboratory research studying speech, hearing, and language development with Dr. Jeanne Dodd Murphy

March 1994 – August 1994 Vanderbilt University School of Medicine, Division of Hearing and Speech Sciences, Dr. D. Wesley Grantham, Supervisor

Postdoctoral research faculty on project investigating human auditory motion perception

November 1991 – February 1994 Vanderbilt University School of Medicine, Division of Hearing and Speech Sciences, Drs. Fred H. Bess and D. Wesley Grantham, Supervisors

Postdoctoral research faculty on infant studies of interaural level differences, phoneme discrimination, and the developmental progression of vocalizations

July 1991 – November 1991 University of Rochester, Perceptual Development Laboratory, Dr. Richard N. Aslin, Supervisor

Research associate on project studying speech discrimination in infants; installed computer software systems for speech synthesis and analysis

June 1989 – June 1991 Rochester International Center for Hearing and Speech Research, Drs. Robert D. Frisina, D. Robert Frisina, and Joseph P. Walton, Supervisors

Research consultant, created a library of synthetic consonant-vowel stimuli for speech processing research with humans and animals

Summer 1986, Summer 1987 – May 1989 University of Rochester, Department of Psychology, Dr. Richard Aslin, Supervisor

Research assistant on projects on infant speech perception, including frequency modulation, vowel perception, and phonemic discrimination

Research assistant on study of preschoolers' discrimination of phonologically similar sounds

Summer 1985 – Summer 1987 University of Rochester, Department of Psychology, Dr. Sheldon Wagner, Supervisor

Research assistant on attention and memory project focusing on the processes involved in

novelty preference in human infants

PEER-REVIEWED RESEARCH

Journal articles

Clark, D. A. & Murphy, W. (2020). The efficacy of a classroom game for teaching APA style citation. *Teaching of Psychology*.

Gonela, V., Altman, B., Zhang, J., Ochoa, E., Murphy, W., & Salazar, D. (2020). Decentralized rainwater harvesting program for rural cities considering tax incentive schemes under stakeholder interests and purchasing power restrictions. *Journal of Cleaner Production*, 252.

Dodd-Murphy, J. D., Ritter, M., & Murphy, W. (2016). Functional Listening Evaluation (FLE): Speech material effects in children with normal hearing. *Journal of Educational, Pediatric & (Re)Habilitation Audiology*, 22, 25-34.

Dodd-Murphy, J. D., Murphy, W., & Bess, F. H. (2014). Accuracy of school screenings in the identification of minimal sensorineural hearing loss. *American Journal of Audiology*, 23, 365-373.

Dodd-Murphy, J. D. & Murphy, W. (2004). Observations on school hearing screening from practice and research. *Educational Audiology Review*, 21, 4-5.

Murphy, W. (2000). Growing up in a “WE” family. *Journal of Family Social Work*, 4, 37-50.

Gerken, L., Murphy, W. D., & Aslin, R. N. (1995). Three- and four-year-olds’ perceptual confusion for spoken words. *Perception and Psychophysics*, 57, 475-486.

Murphy, W. D., Shea, S. L. & Aslin, R. N. (1989). Identification of vowels in "vowelless" syllables by three-year-olds. *Perception and Psychophysics*, 46, 375-383.

Program evaluation

Murphy, W. (2014). *Self-study for academic program review, Bachelor of Science in Psychology*. Unpublished manuscript, Texas A&M University-Central Texas, Killeen, TX.

NON-PEER-REVIEWED RESEARCH

Research reports

Ochoa, E., Salazar, D. & Murphy, W. (2019). *Strategic Plan, Boys and Girls Clubs at Parrie Haynes Ranch*. (Research Report from University Center for Applied Research and Engagement). Unpublished manuscript, Texas A&M University-Central Texas, Killeen, TX.

Ochoa, E., Salazar, D. & Murphy, W. (2019). *Marketing Plan, Boys and Girls Clubs at Parrie Haynes Ranch*. (Research Report from University Center for Applied Research and Engagement). Unpublished manuscript, Texas A&M University-Central Texas, Killeen, TX.

Murphy, W., Gonela, V., Altman, B., Klein, D., Ochoa, E., Forero, M. & Leimer, M. (2018). *City of Florence: Central Texas Water Conservation* (Research Report from University Center for Applied Research and Engagement). Unpublished manuscript, Texas A&M University-Central Texas, Killeen, TX.

INVITED BOOK REVIEWS

Murphy, W. (2021). [Review of the book *Ministry of Memories: Keys to Pastoral Care of Non-Cognitive Persons*, by R. J. Corfield.] *International Journal of Cognitive Care*.

Murphy, W. D. (1990). [Review of the book *Hearing Impairment in Children*, by F. H. Bess]. *Child Development Abstracts and Bibliography*, 64, 107.

MANUSCRIPTS IN PREPARATION

Dodd-Murphy, J. D., Murphy, W., & Bess, F. H. (n.d.). *Screening outside the booth: Audioscope performance in the schools*.

Whitton, L., Fiala, S., Murphy, W. & Schwegler, A. (n.d.). *Emotion regulation as a mediator of recalled mother-child attachment on academic achievement*.

Murphy, W. & Watts, D. (n.d.). *College students' awareness of and responses to dating violence*.

Murphy, W. & Dodd-Murphy, J. D. (n.d.). *Children's ratings of difficulty hearing in various listening situations at school*.

Murphy, W. & Poole, E. A. (n.d.). *Why parents choose not to vaccinate their children*.

Dodd-Murphy, J. D. & Murphy, W. (n.d.). *Outcomes across ten years of school hearing screening*.

PEER-REVIEWED PRESENTATIONS (Conference scope)

Dodd-Murphy, J. D., Ritter, M., Murphy, W., White, A., Owens, L. & Toomey, A. (2016, April). *Functional Listening Evaluation (FLE) performance in children with normal hearing*. Poster presented at the annual meeting of the American Academy of Audiology, Phoenix, AZ. (National)

Dodd-Murphy, J. D. & Murphy, W. (2015, April). *Screening outside the booth: Audioscope performance in the schools*. Poster presented at the annual meeting of the American Academy

of Audiology, San Antonio, TX. (National)

Poole, E. (2015, March). *Why parents choose not to vaccinate their children*. Poster presented by my student as the inaugural A&M Central Texas representative to the Texas Undergraduate Research Day conference. (I served as her faculty advisor for the research and presentation). (Regional)

Murphy, W. & Watts, D. R. (2014, April). *College students' beliefs about domestic violence in dating relationships*. Poster presented at the annual meeting of the Southwestern Psychological Association, San Antonio, TX. (Regional)

Dodd-Murphy, J. D. & Murphy, W. (2013, June). *Outcomes across ten years of school hearing screening*. Poster presented at the annual meeting of the Educational Audiology Association, Scottsdale, AZ. (National)

Dodd-Murphy, J. D. & Murphy, W. (2007, November). *Educational risk and perception of listening difficulty in schoolchildren*. Poster presented at the annual meeting of the American Speech-Language-Hearing Association, Boston, MA. (National)

Dodd-Murphy, J. D., Wolfe, D. L., & Murphy, W. (2006, November). *Rural school hearing screening outcomes over an eight year period*. Poster presented at the annual meeting of the American Speech-Language-Hearing Association, Miami Beach, FL. (National)

Dodd-Murphy, J. D. & Murphy, W. (2006, March). *School hearing screening referral and DPOAEs*. Poster presented at the meeting of the American Auditory Society, Scottsdale, AZ. (National)

Dodd-Murphy, J. D. & Murphy, W. (2005, July). *Hearing screening referral and SIFTER performance*. Poster presented at the annual meeting of the Educational Audiology Association, Myrtle Beach, SC. (National)

Murphy, J. D. & Murphy, W. (April, 2003). *Do school screenings identify minimal hearing loss?* Poster presented at the annual meeting of the American Academy of Audiology, San Antonio, TX. (National)

Murphy, W. (February, 2002). *Hearing screenings in the schools: How well are we doing?* Faculty convocation presented at Lenoir-Rhyne College, Hickory, NC. (Local)

Murphy, W. & Dodd Murphy, J. D. (April, 2001). *Children's ratings of difficulty hearing in various listening situations at school*. Poster presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN. (National)

Dodd Murphy, J., Murphy, W., & Bess, F. H. (March, 2000). *Application of the ASHA screening guidelines to a school age population*. Poster presented at the annual meeting of the American Academy of Audiology, Chicago, IL. (National)

Kaesler, B. & Murphy, W. (1999, April). *Teen expectancies of tobacco advertising*. Poster presented at the biennial meeting of the Society for Research in Child Development, Albuquerque, NM. (National)

Murphy, W. D. (1996, April). *Organizational change in an aging brain and its implications for speech perception*. Paper presented at the annual meeting of the Southern Society for Philosophy and Psychology, Nashville, TN. (Regional)

Ashmead, D. H., Grantham, D. W., Murphy, W. D., & Tharpe, A. M. (1993). Human infants' sensitivity to interaural level differences. *Journal of the Acoustical Society of America, Supplement 1, 93*, 2360. (National)

Chafetz, J., Murphy, W. D., Camarata, S. M., & Ohde, R. N. (1993, March). *Longitudinal changes in vocalizations in communicatively at-risk versus nonrisk babies*. Poster presented at the SIU Conference on Biological Mechanisms across the Life Span, Carbondale, IL. (National)

Murphy, W.D., Gerken, L., Cooper, R. P., & Aslin, R. N. (1991) A rhyme and onset model of lexical access in children. *Journal of the Acoustic Society of America, Supplement 1, 89*, S1935. (National)

Murphy, W.D., Gerken, L., Cooper, R. P., & Aslin, R. N. (1990) Children's discrimination of phonologically similar items. *Journal of the Acoustic Society of America, Supplement 1, 87*, S73. (National)

Wagner, S. H., Ganiban, J. M., & Murphy, W. D. (1988, April). *Attention, temperament, and perinatal risk*. Poster presented at International Conference on Infant Studies, Washington, DC. (International)

Murphy, W. D., Shea, S. L., & Aslin, R. N. (1987, April). *Identification of "vowelless" vowels by three-year-olds*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD. (National)

Wagner, S. H. & Murphy, W. D. (1986, April). *Schema decay: From RFRN to NRFR*. Paper presented at the International Conference on Infancy Studies, Los Angeles, CA. (International)

STUDENT RESEARCH SUPERVISION

Thesis (Primary faculty advisor)

Keits, A. (2013). *Relationship satisfaction and perceived discrimination in intraracial and interracial relationships based on majority and minority group membership*.

Gates, L. (2012). *Motivation to exercise of traditional and non-traditional students based on protection motivation theory*.

Thesis (Committee member)

Whitton, L. (2019). *Mother-child attachment, self-regulation, and academic achievement: A relationship analysis.*

Yeaw, A. (2018). *It is not what you say but how you say it: An analysis of psychological reactance.*

Turner, R. (2018). *Multisensory learning and the testing effect on foreign language acquisition.*

Blackwell, S. (2018). *Self-efficacy and persuasive message: Impact on students' attitudes and intentions to utilize academic support services.*

Fauth, J. (2013). *Mommy dearest: The "good mother" definition and women's perspectives of themselves.*

Rohde, N. (2013). *Dual enRolement: A comparison of achievement motivation in female students who are and who are not parents.*

EDU 598 Research project (Committee member/ primary advisor on method and statistics)

Walker, D. (2013). *The self-contained classroom and teacher certification.*

House, R. (2013). *Anchored instruction versus contextual instruction in kindergarten.*

Boyd, R. (2013). *Social media in education: What role does it play?*

Garcia, A. (2012). *Overrepresentation of minority students in special education: Administrators' perceptions.*

Gary, L. (2012). *Relationship between direct instruction in text selection and kindergarten students' reading attitudes.*

RESEARCH SUPPORT

Awarded:

AFRL-DHS Contract: Hardware Integrity Verification Utilizing Scanning Electron Microscopy, September 2019 – September 2023, \$4,201,009.00 [PI: Anitha Chennamaneni, co-PI: Taylor Harvey, PD: Russell Porter] (serving as Research Assistant/ Assistant Project Manager)

Boys and Girls Clubs of Central Texas Grant: Parrie Haynes Ranch Project, January-December 2018, \$12,500.00 (serving as project PI as Faculty Fellow within the University Center for

Applied Research and Engagement)

Faculty-Student Collaborative Research Grant, Spring 2005, Lenoir-Rhyne College, \$2500.00

Faculty Research Grant, Summer 2001, Lenoir-Rhyne College, \$2000.00

Submitted:

ARL Grant: Texas A&M University-Central Texas Research, Development, Test and Evaluation Facility, October 2022 – September 2023, \$3,900,000.00 [PI: Taylor Harvey, co-PI: Walter Murphy]

TEACHING EXPERIENCE (Number of times course taught as of Fall 2022)

Texas A&M University-Central Texas (Adjunct faculty or Assistant professor, 2010-2022)

Undergraduate

Writing in Psychology (7)

Principles of Research for the Behavioral Sciences (3)

Human Lifespan (5)

Human Cognitive Processes (3)

Biological Foundations of Behavior (13)

Psychopharmacology (8)

History of Psychology (1)

Social Psychology (3)

Educational Psychology (1)

Psycholinguistics (1)

Graduate

Human Development (8)

Physiological Psychology (10)

Social Psychological Processes (3)

Research Methods (4)

Thesis (4)

Baylor University (Adjunct Instructor, 2009-2010)

Personality (2)

Literature of Behavioral Neuroscience (2)

Tarleton State University (Adjunct Instructor at McLennan CC University Center, 2009-2010)

Educational Psychology (1)

Principles of Research for the Behavioral Sciences (1)
Human Development (Graduate, 2)

Lenoir-Rhyne University (Adjunct to Full Professor, 1995-2009)

General Psychology (28)
Senior Honors Research Class (9)
Developmental Psychology (16)
Psychology of Learning (7)
Research Methods I & II (10)
Cognitive Psychology (15)
Experimental Psychology (9)
Physiological Psychology (5)
Health Psychology (1)
Psychology of Language (1)
Freshman Seminar/First-Year Experience (10)
Senior seminar on Atypical Development (1)
Seminar on Development during Adolescence (1)
Seminar on Developmental Disabilities (Graduate, 1)

Appalachian State University (Lecturer, Spring 1996, Summer 1998)

Lifespan Development (2)
Child Psychology (1)
Principles of Learning (2)

College of Charleston (Visiting Assistant Professor, 1994-1995)

Lifespan Development (6)
Development during Adulthood (1)
General Psychology (2)

Vanderbilt University (Instructor, Spring 1994)

Developmental Psychology (1)

University of Rochester

Department of Psychology (Instructor, 1988-1990)
Developmental Psychology (1)
Laboratory in Developmental Psychology (2)
General Psychology (1)
Eastman School of Music, Department of Humanities (Instructor, 1988-1990)
General Psychology (3)

Empire State College (Mentor)

Psychology of Language (1)

Physiological Psychology (1)

Additional academic training

Completion of A&M Central Texas Course Development Academy, Fall 2011

Completion of Quality Matters course review program, Spring 2011

Qualification to administer the Stanford Achievement Test, Fall 2008

PROFESSIONAL SERVICE

Spring 2022 Interim Director, University Center for Applied Research and Engagement, A&M Central Texas

Spring – Summer 2022 Member, Search Committee for Postdoctoral Researchers, AFRL-DHS contract

Spring – Summer 2022 Member, Search Committee for Research Associates, AFRL-DHS contract

Fall 2021 – present Assistant Vice President for Research and Innovation

Summer 2021 Member, Search Committee for Postdoctoral Researchers, AFRL-DHS contract

Summer 2021 – present Empowered Official, A&M Central Texas

Spring 2021 – present Inaugural Chair, Frontline Committee, A&M System Export Control Affinity Group

Spring 2021 – present Member, Managing Committee, A&M System Export Control Affinity Group

Spring 2021 Member, Search Committee for Associate Research Scientists, AFRL-DHS contract

Fall 2020 Distinguished member, FY 2021 Staff Excellence Award Review and Selection Committee, A&M Central Texas

Summer – Fall 2020 Member, Search Committee for Postdoctoral Researchers, AFRL-DHS contract

Summer – Fall 2020 Member, Search Committee for Assistant Research Scientists, AFRL-DHS contract

Spring 2020 – Fall 2020 Interim Research Compliance Officer, A&M Central Texas

Fall 2019 – present Research Assistant/Assistant Project Manager, Cybersecurity Contract

Fall 2019 Acting Research Compliance Officer, A&M Central Texas

Fall 2019 – Summer 2021 Executive Director for Research and Sponsored Programs

Summer 2019 Chair, Search Committee for the Associate Director of Research Support, A&M Central Texas

Spring 2019 Presentation to university staff: Getting Funds through Administrative Grants

Spring 2019 – present Member, Enterprise Risk Management Committee

Spring 2019 – present Chair, Faculty Scholarship and Research Committee, A&M Central Texas

Fall 2018 – present Member, University Council, A&M Central Texas

Fall 2018 – present Member (Research), Staff Council Professional Development Committee

Fall 2018 Chair, Search Committee for the Director of the University Center for Applied Research and Engagement, A&M Central Texas

Summer 2018 – present A&M Central Texas Entity Administrator for System for Award Management (SAM) for U.S. General Services Administration

Spring 2018 New Faculty Orientation presentation on Office of Research

Spring 2018 New Faculty Orientation presentation on Institutional Review Board

Fall 2017 – present Adjunct faculty in College of Education and Human Development (Counseling and Psychology), A&M Central Texas

Fall 2017 – Summer 2019 Faculty advisor to Psychology Club, A&M Central Texas

Summer 2017 – Fall 2018 Interim Director, University Center for Applied Research and Engagement, A&M Central Texas

Summer 2017 – present Deputy Chief Research Officer, A&M Central Texas

Summer 2017 – Fall 2019 Deputy Research Compliance Officer, A&M Central Texas

Spring 2016 – present Chair, Export Control Committee, A&M Central Texas

February 2016 – Summer 2017 Research Compliance Officer, A&M Central Texas

Fall 2015– Summer 2017 Member for College of Education, Enterprise Applications Steering Committee

Fall 2015 – present Member for A&M Central Texas, A&M System MAESTRO Steering Committee

Fall 2015 – Fall 2019 Director of Research Support, A&M Central Texas

Fall 2012 – Fall 2016 Coordinator for undergraduate program in Psychology, A&M Central Texas

Fall 2013 – Spring 2014 Member, Search Committee for the Founding Dean of the College of Education, A&M Central Texas

Summer 2013 – present Member, Grade Appeals Committee, College of Education and Human Development, A&M Central Texas

Spring 2013 – Spring 2014 Conference presentation reviewer, SWPA

Summer 2012 Marshal for undergraduate students for Summer Commencement, A&M Central Texas

Spring 2012 – present Ad hoc textbook reviewer, Wadsworth/Cengage Learning

Fall 2010 – Summer 2017 Faculty co-advisor to Psychology Club/ Psi Chi, A&M Central Texas

Fall 2010 – Summer 2017 Assistant professor in College of Education (Counseling and Psychology), A&M Central Texas

Summer 2010 – present Graduate Faculty, A&M Central Texas

Fall 2008 Ad hoc textbook reviewer, Sinauer Associates Publishers

Spring 2008 – Summer 2009 Developed and ran a study on dating violence for the Family Guidance Center, Hickory, NC

Spring 2008 External reviewer, Psychology Program at Greensboro College (NC)

Spring 2008 – present Ad hoc textbook reviewer, Sage Publishers

Fall 2007 – Spring 2009 Faculty co-advisor to Pi Gamma Mu

Spring 2007 – present Ad hoc reviewer, *Social Development*

Fall 2006 – present Ad hoc reviewer, *Journal of the Acoustical Society of America*

Summer 2006 – present Ad hoc reviewer, *Psi Chi Journal of Psychological Research*
(formerly *Psi Chi Journal of Undergraduate Research*)

Fall 2003 – Spring 2004 Conference submissions reviewer, Conference on Human
Development, Washington, DC

Spring 2001 – Spring 2009 Psychology program coordinator, School of Social and Behavioral
Sciences, Lenoir-Rhyne University

Fall 1998 Acting chair, Department of Psychology and Sociology, Lenoir-Rhyne College

Fall 1996 - Fall 1999, Fall 2001 – Spring 2002 Director of senior honors program, Department
of Psychology, Lenoir-Rhyne College

Fall 1996 – Spring 2009 Faculty advisor to Psi Chi chapter, Lenoir-Rhyne University

Fall 1996 – Spring 2009 Assistant professor through Professor of Psychology/Program
Coordinator for Psychology, College of Arts and Sciences, Lenoir-Rhyne University

Fall 1994 – present Ad hoc textbook reviewer, Houghton-Mifflin Publishers

Fall 1990 – Spring 1991 Writing tutor, Learning Assistance Center, University of Rochester