
MEGAN MARTIN ST. PETERS

MURRAY STATE UNIVERSITY · PSYCHOLOGY DEPARTMENT
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Education

Doctor of Philosophy, Psychology. Concentration: Neuroscience and Behavior

May 2006 – May 2008 Northern Illinois University DeKalb, IL Advisor: D Wallace
Dissertation: Temporal organization of natural rodent behaviors in rodent models of Alzheimer's disease
Certificate of Graduate Study in Advanced Quantitative Methodology in Education

Master of Arts, Psychology. Concentration: Neuroscience and Behavior

Fall 2004 – May 2006 Northern Illinois University DeKalb, IL Advisor: D Wallace
Thesis: Role of the Medial Septum in Dead Reckoning

Bachelor of Science – Majors in Psychology and Composite Science

Fall 2000 – May 2004 University of the Ozarks Clarksville, AR Advisor: T Stephenson
Capstone: Exploratory Study of Spatial Navigation Performance

Teaching Experience

Assistant Professor, Murray State University, Fall 2021 - current

- Teach undergraduate courses: PSY 180 General Psychology; PSY 301 Research Methods I; PSY 315 Principles and Methods of Psychological Research II; PSY 415 Physiological Psychology
- Teach graduate course: PSY 621 Biological Bases of Behavior
- Establish Biopsych Research Lab (physiopsych lab using BioPack equipment and software) involving undergraduate and graduate research assistants

Course Matter Expert, Instructional Designer and Instructor, Liberty University Online, Fall 2013 – current

- Designs and updates PSYC 510 & 515 Research Methods & Statistics in the Social Sciences I and II (graduate level)
- Create all assignments, answer keys, and answer all instructor questions related to course content and assessment (8 – 14 sections of each course offered every 8 weeks)
- Teaches one section of each course every semester

Associate Professor, Ferrum College, Fall 2011 – Summer 2021

- Teach courses including: PSY 201 Introduction to Psychology, PSY 333 Biological Psychology, PSY 306 and 307 Research Methods I and II, PSY 332 Cognitive Psychology, PSY 314 Learning, PSY 350 Psychopharmacology, PSY 297 Professional Seminar: Introduction to the Field, PSY 398 Professional Seminar: Legal and Ethical Issues in Psychology, PSY 355 Science of Sleep.
- Conducted neuroscience research on cognitive deficits using rodent models for Alzheimer's disease, Posttraumatic Stress Disorder, and Schizophrenia from 2011-2017 with a focus on the neural pathways contributing to attention and memory impairments in said rodent models. Now conducting research using neurofeedback in attempt to improve cognitive performance and attention in various student populations.
- Received Tenure and Promoted to title of Associate Professor (from Assistant Professor) effective Fall 2017.

Graduate-level Course Designer and Instructor, Ferrum College (online), Summer 2020 – Summer 2021

- Design and oversee all thesis requirements of the program (PSY 570 Master's Research and Thesis)
- Design and teach PSY 501 Ethics and Professional Issues, PSY 502 Research Methods, PSY 503 Applied Statistics
- Design PSY 512 Learning and Cognitive Psychology and PSY 511 Biological Psychology

Adjunct Lecturer, University of Michigan, Fall 2010

- Teach and evaluate Psych 331 / 332 Research Methods in Brain, Behavior, and Cognitive Sciences. The purpose of this course is to introduce students to selected general methods used in the field of biopsychology (brain and behavior and animal behavior) or cognitive science, and to provide practical knowledge about research design, quantification of behavior, scientific writing, the use of animals in research, and miscellaneous techniques used by biopsychologists or cognitive scientists in laboratory research.

Guest lecturer, University of Michigan, Northern Illinois University, and University of Ozarks, Spring 2003 - current

- Created and presented lectures for the following courses: Hormones and Behavior (Reference: L Peckham, U Mich); Drugs and Behavior (Reference: L Matuszewich, NIU); Brain and Behavior (Reference: D Wallace, NIU); Physiological Psychology (Reference: D Wallace, NIU); and Introduction to Psychology (T Stephenson, retired, U of O)

Journal Club Leader, Brow Medical and Life Science Fellowship Journal Club, University of Michigan, June to July 2009

- Present an article and facilitate discussion for the first club meeting then guide undergraduate students through the remaining club meetings to demonstrate the functions and typical proceedings of journal clubs. Part of a grant to University of Michigan from the Howard Hughes Medical Institute.

Graduate Teaching Assistantship, Northern Illinois University, Fall 2007 to Spring 2008

- Physiological Psychological Laboratory – upper level undergraduate course
 - In charge of organizing, creating a syllabus, and teaching the laboratory portion of this course during which students are taught basic statistical analyses, neuroanatomy, experimental procedures, and how to interpret results.

Research Experience

Primary Research Investigator, Murray State University, Aug 2021 – current

- Design and conduct human physiological psychology studies and pedagogical research

Primary Research Investigator, Ferrum College, Aug 2011 – Aug 2021

- Design and implement rodent research facility at Ferrum College
- Create Institutional Animal Care and Use Committee
- Conduct studies funded by the Appalachian College Association (2018/19), Alzheimer's and Related Diseases Research Award Fund (2012-13), and Ferrum College (2012, 2013, 2014, 2015, 2017)
- Funding cut by the college; alternative research opportunity offered (college paid for a training workshop on neurofeedback as it has been determined that maintaining animal research is not feasible at the institution)

Assistant Research Scientist, University of Michigan, June 2011 – July 2011

- More responsibility in training other students, more academic freedom in research design

Postdoctoral Research Fellow, University of Michigan, July 2008 – June 2011

- Design and conduct research projects investigating circuitry involved in attention and executive functions, including methods involving infusions and/or microdialysis in performing animals
- Run and maintain HPLC system to detect acetylcholine for dialysates
- Organize databases, prepare and analyze data
- Supervise and train incoming undergraduate students in basic laboratory procedures, surgical techniques, data preparation and analysis

Graduate Laboratory Research Assistantship, Northern Illinois University, Fall 2004 to Fall 2007

- Design and conduct research projects examining neural circuitry involved in navigation from an ethological perspective
- Organize databases, prepare and analyze data
- Attend weekly departmental Neuroscience and Behavior meetings and laboratory meetings. Give presentations on current status of experiments, lead discussions on publications and personal data collection.
- Was the first graduate student for Dr. Wallace – organized/ assisted in development of lab protocols (including purchase order requests, chemical disposal, organization and coordination of standard operating procedures)
- Train incoming undergraduate and graduate students in basic laboratory procedures, surgical techniques, data preparation and analysis

Research Publications

Bodker, M. & St. Peters, M.M. (2025, Fall). COVID-19 and current mental health of college students. *Psi Chi Journal of Psychological Research*, 30 (3), 273 – 277. <https://doi.org/10.24839/2325-7342.JN30.3.273>

Trypus, K. & St. Peters, M. M. (2024). Predicting food preferences based on priorities in college students. *North American Journal of Psychology*, 24 (2), 315-326.

St. Peters, M.M., Park, C.H.J., Turner, A., Guerin, A.A., & Kim, J.H. (2023). Past and current drug repurposing clinical trials to treat cognition in methamphetamine use: A scoping review of pharmacotherapy candidates. *Addiction Neuroscience*, 5. <https://doi.org/10.1016/j.addicn.2023.100064>

Hunter, L. & St. Peters, M. (2022). Self-efficacy, meta-cognitive strategies, and feedback on final grades in an introductory course. *North American Journal of Psychology*, 24 (4) 727-742.

Parikh V, St. Peters M, Blakely RD, Sarter M. (Feb 2013). The presynaptic choline transporter imposes limits on sustained cortical acetylcholine release and attention. *Journal of Neuroscience* 33(6): 2326-37.

St. Peters M, Cherian AK, Bradshaw M, & Sarter M (2011). Sustained attention in mice: Expanding the translational utility of the

SAT by incorporating the Michigan Controlled Access Response Port (MICARP). *Behavioral Brain Research*, 225(2); 574-83.

St. Peters M, Demeter E, Lustig C, Bruno JP, & Sarter M. (2011). Enhanced control of attention by stimulating mesolimbic-corticotropin cholinergic circuitry. *J Neurosci*, 31, 9760-71.

Martin MM, Winter SS, Cheatwood JL, Carter LA, Jones JL, Weathered SL, Wagner SJ, & Wallace DG. (2008). Organization of food protection behavior is differentially influenced by 192 IgG-saporin lesions of either the medial septum or the nucleus basalis magnocellularis. *Brain Research*, 1241: 122-35.

Martin MM & Wallace DG. (2007). Selective hippocampal cholinergic deafferentation impairs self-movement cue use during a food hoarding task. *Behavioural Brain Research*, 183 (1): 78-86.

Martin MM, Horn KL, Kusman KJ, & Wallace DG. (2007). Medial septum lesions disrupt exploratory trip organization: Evidence for septohippocampal involvement in dead reckoning. *Physiology and Behavior*, 90 (2-3): 412-24.

Wallace DG, Choudhry S, & Martin MM. (2006). Comparative analysis of movement characteristics during dead reckoning based navigation in humans and rats, *Journal of Comparative Psychology*, 120 (4): 331-344.

PEER REVIEWED REVIEWS:

- St. Peters M. (2018). Insights from rodent food protection behaviors. *Learning and Motivation* 61: 52-62.
<https://doi.org/10.1016/j.lmot.2017.01.004>
- Wallace DG, Martin MM & Winter S. (2008). Fractionating dead reckoning: role of the compass, odometer, logbook, and home base establishment in spatial orientation. *Naturwissenschaften*, 95 (11): 1011-26.

NON-PEER REVIEWED PUBLISHED REVIEWS:

- St. Peters M, Sarter M. (2012). Motivation's modulation of attention through the mesolimbic-corticotropin cholinergic circuitry. *Targeting Trends Newsletter*, Jan/Feb/March: 1, 6.

BOOK CHAPTERS:

- St. Peters M. & Sarter M. (2011). Cognition enhancers versus stimulants. In N.J. Wesensten (Ed), Stimulant medications to sustain cognition. Cambridge University Press, Cambridge, UK.

Research Grants

- 2025 Psi Chi Faculty Research Grant. Psi Chi 2024/25. Title: Unmasked: Emotional expressions, perceptions, and mimicry. \$1942 to purchase expendables for using facial electromyography with students for two semesters.
- 2022 CHFA Research & Creativity Grant. Murray State University 2022/23. \$1000 to purchase expendables for the physiology lab
- 2022 Giving Back Endowment Faculty Innovation Initiative Grant for PSY 415: Physiological Psychology. *College students learned about biofeedback through demonstrating use of Mightier to students at Murray Elementary School. Mightier is a biofeedback system that uses video games to teach children to better control bodily responses to frustration and stress. Students volunteering in my MSU Research Lab followed up this experience by collecting data on the children's use of Mightier to examine its potential physiological and psychological benefits.* Amount: \$1000 (cross-listed in Teaching Grants)
- 2018/19 ACA Faculty Fellowship Sabbatical Grant. Topic: Alpha Asymmetry Neurofeedback on First Generation College Students. \$30,000
- 2017 Summer Faculty Research Grant from Ferrum College. Title: Merging the scholarship of discovery and teaching in psychology. Amount: \$2000
- 2015 Summer Faculty Research Grant from Ferrum College. Title: Rats, Cats, and PTSD: Modelling the cognitive deficits of PTSD. Amount: \$2000
- 2014 New Faculty Grant from Ferrum College. Title: PTSD Animal Research. Amount: \$1757
- 2013 New Faculty Grant from Ferrum College. Title: Study on the potential neural interplay between memory and attention in an animal model of Alzheimer's disease. Amount: \$2038
- 2012/2013 Alzheimer's and Related Diseases Research Award Fund from the Virginia Center on Aging, Alzheimer's, and Related Diseases Award Title: Who forgot the hippocampus? Potential involvement in the neural circuitry of attentional control. Amount: \$40,000
- 2012 New Faculty Grant from Ferrum College. Title: Animal models as a tool for cognitive neuroscience research. Amount: \$1980
- 2012-2014 Faculty for Undergraduate Neuroscience Equipment grant. no monetary award – equipment only
- 2010-2011 National Research Service Award through the National Institutes of Health (1 F32 MH088084-01A1). Approximate amount: \$200,000
- 2007/2008 American Psychological Association Dissertation Award. Amount: \$1000
- 2004 NASA / Arkansas Space Grant Consortium Undergraduate Student Grant, Little Rock AR. Approximate Amount: \$20,000

Research Presentations

2023 4T BIOPAC Human Physiology Conference, Santa Barbara, CA (July 17 – 20)

- M. St. Peters & S. Rife “Unmasked: Emotional expression and detection”.

2022 National Institute on the Teaching of Psychology conference, St. Pete, Florida (Jan 3-6, 2022)

- M St. Peters. Predictors of Performance and Impact of Feedback in Lower vs. Upper-Level Psychology Courses.

2011 Society for Neuroscience, Washington, D.C.

- M St.Peters, K Taylor, V Parikh, R Blakely, M Sarter. Choline transporter hemizygosity as a model of limited cholinergic and attentional capacities.
- AS Berry, M St.Peters, N Uremek, H Gritton, M Grupe, NR Mirza, M Sarter. Selective GABA inverse agonist RO4938581 modulates nicotine-evoked transients in prefrontal cortex.

2010 Society for Neuroscience, San Diego, CA

- M St.Peters, E Demeter, C Lustig, JP Bruno, M Sarter. Enhanced top-down control of attention by stimulating mesolimbic-cortical cholinergic circuitry.
- E Demeter, M St.Peters, B Mash, S Williams, C Lustig, M Sarter. The distractor condition sustained attention task: A translational tool for assessing attentional control in mice, rats, healthy humans and schizophrenic patients
- AS Berry, H Gritton, M St.Peters, L DePolo, M Sarter. GABAergic modulation of nicotine-evoked transients in the prefrontal cortex.

2009 Society for Neuroscience. Chicago, IL

- M St.Peters, JP Bruno, MF Sarter. Accumbens NMDA receptor stimulation enhances attentional performance as a function of demands on top-down control.
- D Young, M St.Peters, JP Bruno, MF Sarter. Modulators in concert: Prefrontal dopamine receptors modulate cholinergic activity as a function of cholinergic activity level.
- M Sarter, A Cheema, D Young, M St.Peters, RD Blakely, V Parikh. Molecular limits on cholinergic and cognitive capacities: Exhausting intracellular choline transporter reserves.

2008 Society for Neuroscience. Washington, DC

- MM Martin, SL Weathered, SJ Wagner, DG Wallace. Galanthamine does not attenuate attentional or temporal impairments subsequent to cholinergic deafferentation of the cortex or hippocampus.
- SJ Wagner, MJ Hylin, MM Martin, SS Winter, KJ Burcham, LM McFadden, JV Corwin, DG Wallace. Unilateral lesions of the medial agranular cortex produce a persistent disruption in the organization of food protection behaviors.
- JR Raines, ND McNeal, JL Jones, SS Winter, MM Martin, PS Wallace, DG Wallace. Navigating with fingers and feet: Comparative analysis of human and rat movement kinematics during non-visual spatial tasks.
- DG Wallace, SS Winter, MM Martin, JL McMillin. 192 IgG saporin lesions of the medial septum or nucleus basalis magnocellularis disrupt exploratory trip organization.

2007 Society for Neuroscience. San Diego, CA

- MM Martin, LA Carter, JL Jones, SS Winter, DG Wallace. Organization of food protection behavior is differentially influenced by hippocampal and cortical cholinergic deafferentation.
- DG Wallace, SK Knapp, JA Silver, MM Martin, SS Winter. Selective hippocampal cholinergic deafferentation disrupts exploratory trip organization.
- SS Winter, MM Martin, DG Wallace. Walking the Plank: Role of the medial septum in distance estimation.

2007 Northern Illinois University Sigma Xi student presentation competition

- MM Martin. Oral presentation competition: Examining temporal disorientation using a rodent model of Alzheimer’s disease. *Third place*

2006 Northern Illinois University Sigma Xi student presentation competition

- MM Martin. Oral presentation competition: Getting lost in Alzheimer’s disease. *Honorable mention*

2006 Society for Neuroscience. Atlanta GA

- MM Martin, MD Schultz, SS Winter, DG Wallace. Selective cholinergic lesions of the medial septum disrupt dead reckoning-based navigation.

2005 Society for Neuroscience. Washington DC

- MM Martin, KL Horn, DG Wallace. Medial septum lesions impair rats' estimate of distance but not direction during exploration.
- SN Choudhry, MM Martin, DG Wallace. A human analogue of rat food hoarding behavior: searching path kinematics influence the accuracy of dead reckoning.

2004 American Association of Behavioral and Social Sciences conference, Las Vegas NV

- MM Martin. Oral presentation: An exploratory study of spatial navigation performance.

Teaching & Pedagogy Grants

2024 Giving Back Endowment Faculty Innovation Initiative Grant

\$1000

for PSY 621: Biological Basis of Behavior. Graduate students get to have 4th grade students engage in hands-on activities exploring how animals (including us humans) communicate electrochemically to sense and move in the world (includes cyborg roaches and using eye movements to play a video game).

2023 IBRO / DANA Foundation Brain Awareness Week Grant

\$1250

Murray Elementary School Third Grade Brain Bash - *Developed, applied and received funding, organized, and implemented an outreach for 175 third grade children that involved them rotating among three activities to learn about brain regions and functions, plasticity, and how the senses interact. Stations were led by undergraduate and graduate MSU students.*

2022 DANA Foundation Brain Awareness Week Grant

\$1400

Murray Elementary School Brain Fair - *Developed, applied and received funding, organized, and implemented a brain fair where all 560+ students at MES explored four stations to learn about various aspects of biological psychology. Stations were led by undergraduate and graduate MSU students.*

2022 Giving Back Endowment Faculty Innovation Initiative Grant

\$1000

for PSY 415: Physiological Psychology. College students learned about biofeedback through demonstrating use of Mightier to students at Murray Elementary School. Mightier is a biofeedback system that uses video games to teach children to better control bodily responses to frustration and stress. Students volunteering in my MSU Research Lab followed up this experience by collecting data on the children's use of Mightier to examine its potential physiological and psychological benefits. Amount: \$1000 (cross-listed in Research Grants)

Prior to MSU:

- 2020 Summer Curriculum Grant for PSY 511: Biological Psychology (Ferrum College). *To develop create a course to serve as a dual enrollment for undergraduate and graduate residential students. Requires explicit tying of all topics and assignments to course and program(s) learning outcomes.* Amount: \$1500 stipend
- 2019 Summer Curriculum Grant for PSY 314: Learning (Ferrum College). *To develop course content and material and develop assessments more explicitly tying assignments to SLOs after consulting others in the field and pedagogy books.* Amount: \$1500 stipend
- 2015 Summer Curriculum Grant for PSY 333: Biological Psychology (Ferrum College).. *To develop course content and material and develop assessments more explicitly tying assignments to SLOs after consulting others in the field and pedagogy books.* Amount: \$1500 stipend
- 2014 Faculty Learning Community mini-grant "Innovative Teaching Techniques for Lecture-Based Courses" (Ferrum College). Organized this learning community to discuss the effectiveness and practicality of flipped classrooms. Amount: book and meals
- 2014 Faculty Learning Community mini-grant "Critical Thinking in Research Methods" (Ferrum College). Organized this learning community to discuss how to better develop student knowledge in research methods courses campus-wide from various disciplines. Amount: meals
- 2013 Quality Enhancement Plan Mini-Grant (Ferrum College). To examine the high impact practice of undergraduate research in an upper level psychology course (PSY 307). Amount: \$1391.99
- 2012 Psychology Department I-Pad2 application (Ferrum College). Intra-college award of ipad2 for use in instructional design. No monetary award – Ipad2 were provided to awardees

Student Research Projects

Spring 2025 Independent Research, Tori Cline "Factors linked to LGBTQ+ students academic self-esteem." *Presented at Scholar's Week.*

Spring 2025 Honor's Research Thesis, Anna Minor "Stress as a means of success: appraisals, willpower, and depletion". *Also presented at MPA, Chicago and rewrote to submit for publication.*

Fall 2024 Honor's Research Thesis, Hannah Gibson "Test anxiety, personality, and progressive muscle relaxation." *Also presented at MPA, Chicago.*

Spring 2024 Independent Research, Morgan Bodker. "Lingering Effects of COVID-19 on Mental Health in College Students" *Presented at Scholar's Week, prepared and submitted as a manuscript to a peer-reviewed journal (under review currently).*

Spring 2024 Independent Research, Jess Feezor. "Emotional Intelligence, Loneliness, & Life Satisfaction" *Presented at Scholar's Week & MPA, Chicago.*

Spring 2024 Independent Research, Entropy Cramer. "Simply Snake Sprites and Sounds: Snake Detection Theory in Video Games" *Presented at Scholar's Week.*

Fall 2023 Honor's Research Thesis, Kennedy Trypus. "The effect of food choice priorities on food preferences in college students." *Successfully defended 11/29/23. Submitted as a manuscript and published in NAJP 2024*

Fall 2023 Independent Research, Jaynie ODowell. "Grit, psychological need satisfaction, and perceived stress in college students."

Presented at Scholar's Week.

Spring 2023 Graduate Independent Research, Amber Sanders. "Pumping curiosity: Predicting the effects of morbid curiosity on heart rate variability and media preferences." *Presented at Scholar's Week.*

Spring 2023 Independent Research, Tristen Skinner. "Under pressure: Are you diamond or dust? Self-care, perceived stress, and academic performance." *Presented at Scholar's Week and Sigma Xi*

Fall 2022 Honor's Research Thesis, Mirielle Erpelding. "Exploring sleep knowledge and predictors of sleep hygiene in college students." *Successfully defended 11/21/22.*

Fall 2022 McNair Scholar's Research, Payton Bunting. "Impact of meta-stereotypes on anxiety following interracial social interactions." *Presented at MSU Fall Scholar's Week & MPA Chicago, Spring 2023.*

Spring 2022 Honor's Research Project, Mirielle Erpelding. "Prevalence of Technology and Blue Light in the Sleep Quality of College Students." *Honor's Research project presented at MSU Spring Scholar's Week.*

Spring 2021 Thesis Committee Member, Katie Ingram "Predictors of Trauma in Elementary School Students in Rural Southwest Virginia" *for Master of Science degree in Psychology at Ferrum College.*

Fall 2020 Independent study with a student – oversaw development, implementation, and write-up of an empirical study on the impact of nostalgia on loneliness and whether people were on campus or working remotely

Summer 2018 – individual student designed and conducted a summer research project involving effects of neurofeedback on cognition under my supervision, funded by a Ledford Scholarships from the Appalachian College Association. She presented her work at the ACA Student Summit, Oct 2018.

Spring 2018 / Fall 2017 – student worked in my research lab for course credit as we piloted out new EEG protocols for neurofeedback

Spring 2017 / Fall 2018 – two students worked in my research lab as we transitioned from animal research to human research, piloting out protocols and writing grants

Fall 2014 and Spring 2015 – three students worked in my research lab for course credit using rodent models of PTSD to explore its effects on a variety of behavioral and cognitive tasks.

Summer 2014 – individual student designed and conducted a summer research project funded by a Ledford Scholarships from the Appalachian College Association.. She presented her work at the ACA Student Summit, Oct 2014.

August 2013 – 2 students with Freshman Scholars worked individually with me on research in my lab (a competitive program offered to our elite incoming freshmen that is a 2 week intensive 3 credit course to gain research experience).

Summer 2013 – two individual students designed and conducted separate summer research projects funded by a Ledford Scholarships from the Appalachian College Association. They presented their work at the ACA Student Summit, Oct 2013.

Spring 2013 – student worked for course credit in my research lab to examine an animal modeling of Post-Traumatic Stress Disorder

August 2012 – 2 students with Freshman Scholars worked individually with me on research in my lab (a competitive program offered to our elite incoming freshmen that is a 2 week intensive 3 credit course to gain research experience).

April 2012 – student designed and conducted a research project on the effects of muscimol on activity in a plus maze in my laboratory

Student Research Grants & Awards

2023 Psi Chi: Mamie Phipps Clark Diversity Research Grant awarded to Payton Bunting for *Impact of Meta-stereotypes on Anxiety Following Interracial Social Interactions* (\$1500). Ranked in top 10% so faculty was given a stipend as well.

2018 Appalachian College Association Colonel Lee B. Ledford Scholarship for Student Research *awarded to Rachel Ellis* for her research proposal entitled "Examining Post-Traumatic Stress Disorder Gender Differences in Animal Models." \$5,470

2018 Taylor Brown awarded a FUSE Student Research Travel grant for "Coping Skills in Freshman Compared to Seniors" at SYNAPSE (Symposium for Young Neuroscientists and Professors of the SouthEast) held at UNC – Asheville, NC. \$350

2018 Miranda Dougherty awarded a FUSE Student Research Travel grant for "Stress of College Student-Athletes" at SYNAPSE (Symposium for Young Neuroscientists and Professors of the SouthEast) held at UNC – Asheville, NC. \$200

2017 Whitney Clifton awarded a FUSE Student Research Travel grant for "Attitudes Toward the Police by Race and Gender" at the Blue Ridge Undergraduate Research Conference at Union College, KY-. \$350

2016 Psi Chi Undergraduate Research Grant *awarded to Sirena Pangelinan* for her research proposal entitled "Adventure therapy's effects on anxiety and mood in college students." It was rated in the top 8% of grant applications, so as her advisor, I was also awarded a stipend. Student stipend: \$1500; Total stipend: \$3000

2016 Virginia Association for Psychological Science (VAPS) undergraduate poster presentation award *to Hannah Davis* for her research poster on "Effects of Video Game Graphics on Susceptibility to Change Blindness." \$100

2015 Sydney Hewartson awarded a FUSE Student Research Travel grant for "An Animal Model of PTSD" at SYNAPSE (Symposium for Young Neuroscientists and Professors of the SouthEast) held at UNC – Asheville, NC. \$200

2015 Sirena Pangelinan awarded a FUSE Student Research Travel grant for "Adventure Therapy's Effects on Anxiety and Mood" at the Blue Ridge Undergraduate Research Conference at Union College, KY-. \$225

2014 Appalachian College Association Colonel Lee B. Ledford Scholarship for Student Research *awarded to Wynn Hobbs* for her research proposal entitled "Potential pre-disposition to PTSD." \$5,470

2013 Appalachian College Association Colonel Lee B. Ledford Scholarship for Student Research *awarded to Cassandra Stalker* for her research proposal entitled "Examining Post-Traumatic Stress Disorder Gender Differences in Animal Models." \$5,470

2013 Appalachian College Association Colonel Lee B. Ledford Scholarship for Student Research *awarded to Carson Scott* for her research proposal entitled “Dementia of the Alzheimer’s Type: Involvement of the hippocampus in the neural circuitry of attentional control.” \$6,120

Professional memberships

- 2022 – current National Society for the Teaching of Psychology
- 2012 – current Psi Chi International Honor Society
- 2009 – 2018 Faculty for Undergraduate Neuroscience (FUN)
- 2009 – 2011 University of Michigan Postdoctoral Association
- 2004 – 2011 Society for Neuroscience
- 2002 – 2018 American Psychological Association

Committee Work

2023/25	Psychology Club Faculty Co-Sponsor
2022/25	Academic Planning & Curriculum Committee (College Committee)
2022/25	Institutional Review Board committee member (University Committee)
2022/25	Brummer Speaker Series Committee (chair)
2022/25	Instructor Review Committee
2021/25	Graduate Training Committee, Murray State University
2021/25	PSY 180 Committee, Murray State University
2021/25	Student Learning Outcomes & Assessment for Undergraduate programs, Murray State University
2021/25	Student Awards Committee, Murray State University

Previous:

- Murray State - Psi Chi Faculty Advisor 2022/23
- Ferrum College Faculty Council 2020-2022
- Ledford Scholars grant application reviewer for the Appalachian College Association, 2021 - current
- Alzheimer’s and Related Diseases Research Award (ARDRAF) grant application reviewer, 2017 - current
- Faculty for Undergraduate Neuroscience Equipment Award grant application reviewer, 2015-current
- General Education Review Committee, Ferrum College, 2019 - 2020
- Macmillan Learning Sounding Board, 2016 *provide feedback on textbooks and online learning tools*
- Ferrum College Student Learning and Assessment, 2016-2018
- Virginia Association for Psychological Science (VAPS) steering committee, 2015-2018
- Ferrum College Institutional Animal Care and Use Committee, Chair May 2012 - current
- Ferrum College Institutional Review Board, (Chair 2012/13) 2011 – current
- Ferrum College Curriculum Committee, 2014-2016
- Ferrum College Centennial Planning Committee, 2013
- Faculty Finding Committee, Ferrum College, Recreation Leadership search 2013
- Ferrum College Professional Development Advisory Committee. 2012 - 2014
- Ferrum College Institutional Animal Care and Use Committee, Founder and Secretary. Aug 2011 – May 2012
- Faculty Finding Committee, Ferrum College, Clinical Psychology search 2012
- Poster judge for Psychology Department Research Forum @ University of Michigan, Ann Arbor 2010
- Poster judge for Undergraduate Research Opportunity Program (UROP) Research Symposium, 2008 – 2011
- Journal reviewer, Bio- and Medical Informatics and Cybernetics, 2009 - 2011
- Faculty finding committee, University of the Ozarks, 2003

Professional Contributions

Frontiers in Public Health. (peer-reviewed journal). *Active reviewer for submitted manuscripts (~2 per year).*

North American Journal of Psychology. (peer-reviewed journal). *Active reviewer for manuscripts (~4 per year).*

Educational Testing Service (ETS) Reader / Rater for Psychology

Serve as a reader / rater for AP Psychology Placement tests and AP Seminar Research Writing– this is an online / in-person position that occurs each summer.

**** Personal note:** married 06/07/08 (after earning PhD / before beginning postdoctoral position). Maiden name: Megan Marie Martin