

Contact Information

James Mantell (he/him)
Associate Professor of Psychology
St. Mary's College of Maryland
Psychology Department
47645 College Drive
St. Mary's City, MD 20686, USA

240.895.4468 (office)
jtmantell@smcm.edu
sites.google.com/site/profmantell

Education

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| PhD, Cognitive Psychology University at Buffalo, The State University of New York Buffalo, New York, USA | 2013 |
| MA, General Psychology University at Buffalo, The State University of New York Buffalo, New York, USA | 2011 |
| BA, Psychology and Philosophy Honors College, Millersville University Millersville, Pennsylvania, USA | 2005 |

Professional Appointments

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| Aldom-Plansoen Honors College Professor | Fall 2024—Spring 2026 |
| Chair, Department of Psychology, St. Mary's College of Maryland (SMCM) | Fall 2023— |
| Associate Professor of Psychology, SMCM | Fall 2020— |
| Assistant Professor of Psychology, SMCM | Fall 2014—Spring 2020 |
| Visiting Assistant Professor of Psychology, SMCM | Fall 2013—Spring 2014 |
| Graduate Instructor, University at Buffalo, The State University of New York | Fall 2010—Summer 2013 |
| Research Assistant, Center for Pediatric Auditory and Speech Sciences, Nemours Children's Hospital | 2005—2007 |

Research Expertise

I utilize experimental and correlational methods to investigate the psychological processes responsible for human perception and action with special emphasis on music and language. My empirical interests include perceptual processing, music cognition, mental structure, and data science pedagogy.

Teaching Experience

| St. Mary's College of Maryland | Semester |
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| CORE 101 Mind, Brain, Music | F16, F17, F18, F19 |
| LEAD 101 The History of The End (formerly CORE 101) | F21, F22, F24 |
| MUSC 112 Music as Communication (long-term guest instructor) | F21 |
| NEUR 301/303 Seminar in the Neurosciences | F15, F16, F17 |
| NEUR 399 Independent Study: Brain Bee | S18, S19, S20, S22, S23, S24 |
| PSYC 204 Psychological Research, Analysis, and Writing I | F19, S21, S22 |
| PSYC 206 Psychological Research, Analysis, and Writing II | S20, F22, F23 |
| PSYC 222 Topics: Psychology of Music | F21, S23, S24 |
| PSYC 301 Psychological Statistics | F13, S14, F14, S15, F15, S16, F16, S17, S19 |
| PSYC 303 Writing and Research Methods in Psychology | F15 |

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| PSYC 307 Classroom Assistantship in Psychology | F22, F23, S24 |
| PSYC 310 Scientific Writing and Professional Development | S25 |
| PSYC 312 Sensation & Perception | F13, S14 |
| PSYC 323 Perception, Cognition, Computation | S21, S22, S23, S24, S25 |
| PSYC 326 Perception with Lab | S15, S16, S17, S18, S20 |
| PSYC 396 Collaborative Research in Psychology | S23, F24 |
| PSYC 398 Off-campus internship | Su23, Su24 |
| PSYC 405 History & Systems of Psychology | F17, S18, S19 |
| PSYC 484 Advanced Topics: Consciousness | F24 |
| PSYC X97 Directed Research | ~every semester since S14 |
| PSYC or NEUR 493/494 St. Mary's Project | ~every semester since F14 |

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| University at Buffalo, The State University of New York | Semester |
| PSY 447 Psychology of Music | Su13 (Singapore Institute of Management) |
| PSY 207 Psychological Statistics | F11, S12, Su12 |
| PSY 488 Situated and Distributed Cognition | F10 |

Posters and Presentations (**bold** indicates former or current undergraduate colleague)

- Bailey, A. M., Grzymalski, S., Washington, J., & Mantell, J. T. (2025, March). *Impact of advanced data science instruction in psychology laboratory courses* [Accepted poster session]. Eastern Psychological Association conference, New York, NY, United States.
- Bailey, A. M., & Mantell, J. T. (2025, January). *Increase in data science confidence following enhanced data science instruction in psychology lab courses* [Poster session]. National Institute on the Teaching of Psychology, Clearwater Beach, FL, United States.
- Bailey, A. M., & Mantell, J. T. (2025, January). *Collaboratively enhancing data science skills in psychology majors* [Conference presentation]. National Institute on the Teaching of Psychology—Participant Idea Exchange, Clearwater Beach, FL, United States.
- Mantell, J. T., & **Wilson, C.** (2024, November). *Ruffled music: Evidence for ensemble auditory perception* [Poster session]. Psychonomic Society annual meeting, New York, NY, United States.
- Bailey, A. M., & Mantell, J. T. (2024, October). Adding advanced data science skills in psychology laboratory courses [Conference presentation]. Annual Conference on Teaching, Society for the Teaching of Psychology, Louisville, KY, United States.
- Mantell, J. T., & Bailey, A. M. (2024, June). *Embedding data science skills in psychology laboratory courses* [Conference presentation]. Council on Undergraduate Research (CUR) ConnectUR 2024 Annual Conference, College Park, MD, United States.
- Mantell, J. T., & Bailey, A. M. (2024, June). *Teaching data science in psychology courses* [Conference presentation]. 2024 Improving Undergraduate STEM Education (IUSE) National Summit, Washington, D.C., United States.
- Mantell, J. T., **Johnson, M. R.**, & **Atwell, J. C.** (2022, November). *Rapid acquisition of implicit absolute pitch memories* [Virtual poster session]. Psychonomic Society annual meeting, Boston, MA, United States.
- Bailey, A. M., Fernandez, G. M., Freedman, G., Ikizler, A.S., & Mantell, J. T. (2021, June). *Strategies for successful curricular change to provide equity in undergraduate research opportunities* [Interactive session]. Council on Undergraduate Research: Centering Diversity, Equity + Inclusion in Undergraduate Research + Creative Activity Conference.
- Mantell, J. T., & **Steelman, R.** (2020, November). *Vocal production as a measure of linguistic associations between space and pitch* [Poster session]. Psychonomic Society virtual annual meeting.
- Mantell, J. T., Freedman, G., Fernandez, G. M., Draheim, A., Williams, E. N., & Bailey A. M. (2020, June). *Undergraduate students' knowledge of research methods and statistics: An integrated approach to skills and content* [Poster session]. Council on Undergraduate Research Virtual Biennial Conference.

- Bailey, A. M., Fernandez, G. M., & Mantell, J. T. (2020, June). *Optimizing resources: Adding undergraduate research experiences to the curriculum using existing resources* [Poster session]. Council on Undergraduate Research Virtual Biennial Conference.
- Bailey, A., & Mantell, J. T. (2020, January). *How to redistribute your resources to enhance scholarly experiences for students and faculty* [Invited presentation]. St. Mary's College of Maryland Research Excellence Workshop, St. Mary's City, MD, United States.
- Bailey, A., Fernandez, G., & Mantell, J. T. (2020, January). *Optimizing resources: Using what you have to improve your curriculum* [Poster session]. Annual National Institute on the Teaching of Psychology conference, St. Pete Beach, United States.
- Mantell, J. T., Fernandez, G., Dennis, T., Williams, E., Freedman, G., Draheim, A., & Bailey, A. (2019, October). *Transforming undergraduate psychology research: Year 2* [Poster session]. Council on Undergraduate Research Transformations Project Year 3 Collaboration Meeting, Rice University, Houston, TX, United States.
- Neiles, K., Bowers, G., Mantell, J. T., & Bailey, A. (2019, October). *What are we learning? Answering our questions with backward design* [Invited presentation]. Council on Undergraduate Research Transformations Project Year 3 Collaboration Meeting, Rice University, Houston, TX, United States.
- Thompson, R.**, & Mantell, J. T. (2019, August). *Singing to learn: How melodic content affects encoding and retrieval* [Poster session]. Society for Music Perception and Cognition conference, New York, NY, United States.
- Bailey, A., Mantell, J. T., Neiles, K., & Mertz, P. (2019, August). *Working backward to move our students forward: How a backward design model of curricular reform can better prepare our students for success.* [Presentation]. Inclusive and Innovative Instruction Conference, St. Mary's College of Maryland, St. Mary's City, MD, United States.
- Mantell, J. T. (2019, June). *The role of timbre and absolute pitch content in song learning and recall* [Invited presentation]. Methods for Analyzing Sound and Modeling Auditory Plasticity short course, University at Buffalo, Buffalo, NY, United States.
- Mantell, J. T. (2019, June). *Methods for analyzing sound in Praat* [Invited presentation]. Methods for Analyzing Sound and Modeling Auditory Plasticity short course, University at Buffalo, Buffalo, NY, United States.
- Mantell, J. T. (2019, March). *Pitch production accuracy in the imitation of one note songs* [Conference presentation]. Vocalization, Imitation, and Infant Cognition Symposium at the Eastern Psychological Association conference, New York, NY, United States.
- Mantell, J. T., **Hancock, K.**, **Dirmeyer, K.**, & **Graham, A.** (2019, March). *The elusive influences of rhythmically varying tones on speech perception* [Poster session]. Eastern Psychological Association conference, New York, NY, United States.
- Mantell, J. T., **Faubion, R.**, & **Madden, H.** (2018, November). *The influence of tonal pitch on the identification of brief musical excerpts* [Poster session]. Psychonomic Society annual meeting, New Orleans, LA, United States.
- Foster, N. L., Mantell, J. T., & **Azimi Vahdat, M. M.** (2018, November). *Measuring the vigilance decrement under divided attention* [Poster session]. Psychonomic Society annual meeting, New Orleans, LA, United States.
- Koenig, C., Foster, N., Mantell, J. T., & Bailey, A. (2018, November). *CUR Transformations Project* [Poster session]. Council on Undergraduate Research Transformations Project Year 2 Collaboration Meeting, College of New Jersey, Ewing, NJ, United States.
- Thompson, R.**, & Mantell, J. T. (2018, March). *What's That Song Again? The Influence of pitch memory on singing accuracy* [Poster session]. Eastern Psychological Association conference, Philadelphia, PA, United States.
- Burr, E. M.**, & Mantell, J. T. (2017, November). *Overparenting, autonomy support, and locus of control in emerging adulthood* [Poster session]. Society for the Study of Emerging Adulthood 8th Biennial Conference, Washington, D. C., United States.

- Brady, A. M., Elliott, S., and Mantell, J. T. (2017, August). *Real-time interactive technology in the classroom* [Presentation]. Teaching Excellence Workshop, St. Mary's College of Maryland, St. Mary's City, MD, United States.
- Solomon, R. J., Holmes, L. E., & Mantell, J. T.** (2017, April). *Alpha and beta brain wave responses to aversive and neutral auditory stimuli in misophonic and neurotypical participants* [Poster session]. Lehigh Valley Association of Independent Colleges Undergraduate Psychology Research Conference, Allentown, PA, United States.
- Mantell, J. T., **Forrester-Fronstin, Z., McCarthy, M. K., & Hancock, K. P.** (2016, November). *Vocal pitch production accuracy of steady tones and bends* [Poster session]. Psychonomic Society annual meeting, Boston, MA, United States.
- Pruitt, T. A., Pfordresher, P. Q., Mantell, J. T., **Wright, M. D.** (2015, November). *Intentional and incidental vocal pitch imitation during speech and song* [Poster session]. Psychonomic Society annual meeting, Chicago, IL, United States.
- Mantell, J. T., **Tapley, K. M., Forrester-Fronstin, Z., & Greenberg, S. T.** (2015, August). *Time to target: An informative and underutilized measure of vocal pitch accuracy* [Poster session]. Society for Music Perception and Cognition conference, Nashville, TN, United States.
- Pfordresher, P. Q., Mantell, J. T., Pruitt, T. A., **Wright, M. D., & Tapley, K. M.** (2015, August). *Accuracy, intent, and signal clarity in vocal production* [Poster session]. Society for Music Perception and Cognition conference, Nashville, TN, United States.
- Peditto, K., & Mantell, J. T.** (2015, March). *Effects of keypad layout on number entry in infusion pumps* [Poster session]. Applied Ergonomics conference, Nashville, TN, United States. Poster session also presented at Human Factors and Ergonomics in Healthcare conference in Baltimore, MD, April, 2015.
- Mantell, J. T. (2014, September). *Life is flux: Visualizing change in art and biology* [Invited presentation]. Faculty panel (C. Cash, E. Leininger, R. Archer, & A. Paucarmayta, curators), Boyden Gallery, St. Mary's College of Maryland, St. Mary's City, MD, United States.
- Large, N. R., Mantell, J. T., & Sawusch, J. R. (2012, November). *Attentional grouping affects rate normalization: Priority of speech over nonspeech precursors* [Poster session]. Psychonomic Society annual meeting, Minneapolis, MN, United States.
- Pfordresher, P. Q., & Mantell, J. T. (2012, November). *Self-imitation and the role of inverse models in poor-pitch singing* [Conference presentation]. Psychonomic Society annual meeting, Minneapolis, MN, United States.
- Mantell, J. T. (2012, April). *The bounds of vocal imitation* [Invited presentation]. University at Buffalo Cognitive Psychology Brownbag series, Buffalo, NY, United States.
- Pfordresher, P. Q., Tilton, A., Mantell, J. T., & Brown, S. (2011, August). *Singing with yourself: Assessing the influence of self-similarity and prototypicality in vocal imitation* [Conference presentation]. Society for Music Perception and Cognition conference, Rochester, NY, United States.
- Mantell, J. T., Pfordresher, P. Q., & **Schafheimer, B.** (2011). *Automatic imitation of pitch in speech but not song* [Poster session]. Society for Music Perception and Cognition conference, Rochester, NY, United States.
- Wisniewski, M. G., Mantell, J. T., & Pfordresher, P. Q. (2011, August). *Transfer effects in the vocal imitation of speech and song* [Poster session]. Society for Music Perception and Cognition conference, Rochester, NY, United States.
- Mantell, J. T. (2011). *Cognition extended: Or, how to future proof cognitive science* [Invited presentation]. University at Buffalo Cognitive Psychology Brownbag series, Buffalo, NY, United States.
- Mantell, J. T., & Sawusch, J. R. (2010, November). *Nonspeech rate information influences speech perception, but proximity counts* [Conference presentation]. Ninth Annual Auditory Perception, Cognition, and Action Meeting, St. Louis, MO, United States.
- Mantell, J. T. (2010, September). *Pitch detection: Peaks and troughs through time* [Invited presentation]. University at Buffalo Cognitive Psychology Brownbag series, Buffalo, NY, United States.

- Mantell, J. T., & Pfordresher, P. Q. (2010, August). *Modular processing? Phonetic information facilitates speech and song imitation* [Conference presentation]. Eleventh International Conference on Music Perception and Cognition, Seattle, WA, United States.
- Pfordresher, P., Cox, J., Andrews, M., Mantell, J., Brown, S., & Zivadinov, R. (2010, April). *Neural stratification of sequencing and timing in auditory feedback? An fMRI study* [Poster session]. Cognitive Neuroscience Society annual meeting, Montreal, Quebec, Canada.
- Mantell, J. T. (2009, November). *Can nonspeech rate information really influence speech perception?* [Invited presentation]. University at Buffalo Cognitive Psychology Brownbag series, Buffalo, NY, United States.
- Mantell, J. T., & Pfordresher, P. Q. (2009, August). *Vocal imitation of speech and song: Effects of phonetic information and temporal regularity* [Conference presentation]. Society for Music Perception and Cognition conference, Indianapolis, IN, United States.
- Mantell, J. T. (2009, March). *The influence of acoustic-phonetic information on the imitation of speech and song* [Presentation]. ESM/UR/Cornell/UCIS Music Cognition Symposium, Rochester, NY, United States.
- Pfordresher, P. Q., & Mantell, J. T. (2009, March). *Vocal imitation of speech and song: Individual differences and the role of articulation* [Invited presentation]. University at Buffalo Center for Cognitive Science colloquium, Buffalo, NY, United States.
- Mantell, J. T. (2008, December). *Vocal imitation of speech and song* [Invited presentation]. University at Buffalo Cognitive Psychology Brownbag series, Buffalo, NY, United States.
- Mantell, J. T., & Pfordresher, P. Q. (2008, November). *Vocal imitation of speech and song* [Poster session]. Seventh Annual Auditory Perception, Cognition, and Action Meeting, Chicago, IL, United States.
- Bunnell, H. T., Mantell, J. T., & Polikoff, J. B. (2006, November). *Database size and naturalness in concatenative speech synthesis* [Poster session]. Fourth Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, HI, United States.

Publications (**bold** indicates former or current undergraduate colleague)

- Thompson, R. M.**, & Mantell, J. T. (2024). The influences of familiarity and key on pitch accuracy in singing. *Musicae Scientiae*, 28(2), 375-387. <https://doi.org/10.1177/10298649231207706>
- Bailey, A. M., Fernandez, G. M., & Mantell, J. T. (2024). Optimizing resources: Applying quantitative resource analysis to facilitate resource-neutral curricular reform. *Scholarship of Teaching and Learning in Psychology*, 10(3), 331-336. <https://doi.org/10.1037/stl0000302>
- Faubion-Trejo, R. N.**, & Mantell, J. T. (2022). The roles of absolute pitch and timbre in plink perception. *Music Perception*, 39(3), 289-308. <https://doi.org/10.1525/mp.2022.39.3.289>
- Pfordresher, P. Q., Mantell, J. T., & Pruitt, T. A. (2022). Effects of Intention in the imitation of sung and spoken pitch. *Psychological Research*, 86, 792-807. <https://doi.org/10.1007/s00426-021-01527-0>
- Mercado, E., Mantell, J. T., & Pfordresher, P. Q. (2014). Imitating sounds: A cognitive approach to understanding vocal imitation. *Comparative Cognition & Behavioral Reviews*, 9, 17-74. <https://doi.org/10.3819/ccbr.2014.90002>
- Pfordresher, P. Q., & Mantell, J. T. (2014). Singing with yourself: Evidence for an inverse modeling account of poor-pitch singing. *Cognitive Psychology*, 70, 31-57. <https://doi.org/10.1016/j.cogpsych.2013.12.005>
- Pfordresher, P. Q., Mantell, J. T., Brown, S., Zivadinov, R., & Cox, J. L. (2014). Brain responses to altered auditory feedback during musical keyboard production: An fMRI study. *Brain Research*, 1556, 28-37. <https://doi.org/10.1016/j.brainres.2014.02.004>
- Mantell, J. T., & Pfordresher, P. Q. (2013). Vocal imitation of song and speech. *Cognition*, 127(2), 177-202. <https://doi.org/10.1016/j.cognition.2012.12.008>
- Wisniewski, M. G., Mantell, J. T., & Pfordresher, P. Q. (2013). Transfer effects in the vocal imitation of speech and song. *Psychomusicology: Music, Mind and Brain*, 23(2), 82-99. <https://doi.org/10.1037/a0033299>
- Liu, F., Jiang, C., Pfordresher, P. Q., Mantell, J. T., Xu, Y., Yang, Y., & Stewart, L. (2013). Individuals with congenital amusia imitate pitches more accurately in singing than in speaking: Implications for music and language

- processing. *Attention, Perception, & Psychophysics*, 75, 1783-1798. <https://doi.org/10.3758/s13414-013-0506-1>
- Pfordresher, P. Q., & Mantell, J. T. (2012). Effects of altered auditory feedback across effector systems: Production of melodies by keyboard and singing. *Acta Psychologica*, 139(1), 166-177. <https://doi.org/10.1016/j.actpsy.2011.10.009>
- Mantell, J. T., & Pfordresher, P. Q. (2010). Modular processing? Phonetic information facilitates speech and song imitation. In S. M. Demorest, S. J. Morrison, & P. S. Campbell (Eds.), *Proceedings of the 11th International Conference on Music Perception and Cognition* (pp. 338-339).
- Pfordresher, P. Q., Cox, J. L., Andrews, M., Mantell, J. T., Brown, S., & Zivadinov, R. (2010). Neural stratification of sequencing and timing? An fMRI study. *Journal of Cognitive Neuroscience, Supplement*, 190.
- Pfordresher, P. Q., & Mantell, J. T. (2009). Singing as a form of vocal imitation: Mechanisms and deficits. In J. Louhivuori, T. Eerola, S. Saarikallio, T. Himberg, & P.-S. Eerola (Eds.), *Proceedings of the 7th Triennial Conference of European Society for the Cognitive Sciences of Music*, (pp. 425-430). <https://jyx.jyu.fi/handle/123456789/20911>
- Bunnell, H. T., Schanen, C. N., Vallino, L. D., Morlet, T. G., Polikoff, J. B., Driscoll, J. D., & Mantell, J. T. (2007). Speech perception in children with speech sound disorder. Proceedings of *INTERSPEECH-2007*, (pp. 422-425). https://www.isca-speech.org/archive/interspeech_2007/bunnell07_interspeech.html
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Grants and Collaboration

National Science Foundation: Improving Undergraduate STEM Education

Developing Modernized Data Science Instruction in Psychology Curricula

Role on project: Principal Investigator (with co-PI Aileen Bailey, St. Mary's College of Maryland)
Amount awarded: \$297,988 (7/2023—6/2026)

Description: This project aims to develop, assess, and share psychology-based data science course materials for undergraduate education. The outcomes will empower educators and learners to adapt evidence-based data science content that has the potential to dramatically increase undergraduate students' readiness for academic and professional success in a dynamic, information-rich world.

Association of American Colleges & Universities 2021 Institute on High-Impact Practices and Student Success

Role on project: Team lead and institute participant (2021)

Collaborated with department faculty (Jennifer Tickle, Gina Fernandez, Scott Mirabile) and institutional administration (Christine Wooley) to develop a departmental strategy to implement, maintain, assess, and diversify HIP research experiences within the psychology program

SMCM ORSP NIH BRAD Incentive Recipient

Role on project: Collaborator/Participant (2020)

Partnered with Aileen Bailey to propose a curricular development project that will culminate in a 2020 external grant submission. The goal of the grant is to acquire funding to design new course experiences that will enhance psychology and neuroscience students' training in data science.

Grateful acknowledgement to award source: Sabine Dillingham, National Institutes of Health: Biomedical/Biobehavioral Research Administration Development.

Support received: Professional external mentoring, consultation, and review of our grant proposal

Council on Undergraduate Research Transformations Project (funded by National Science Foundation)

Role on project: Psychology Department Consultant and Co-Chair (2017-2020)

Worked with select faculty from departments of psychology and chemistry and biochemistry, and with college administration (notably Sabine Dillingham and Adam Malisch), to develop a proposal to enhance the psychology department's undergraduate research curriculum. Continued work with other department consultants to expand research opportunities in our undergraduate curriculum.

The Patuxent Partnership: A STEM Workforce Development and Recruitment system

Project title: Divided Attention

Role on project: Psychology Department Consultant (2017-2018)

Collaborated with research partner Nathan Foster and undergraduate researchers; conducted empirical project to enhance understanding of the effects of auditory and visual distractions on cognitive, perceptual, and motor task performance in an applied setting.

Amount awarded: \$20,000 (\$10,000 for each researcher)

SMCM/NAWCAD (Naval Air Warfare Center, Aircraft Division) Cooperative Agreement

NAWCAD-BAA-033116

Role on project: Collaborator/Participant (2016-2018)

This cooperative agreement, authored by Sabine Dillingham, seeks to “to stimulate advances in research and in educational program development... to permit long-term research collaborations to address current and future critical needs, and broader workforce development through recruitment of a more diverse applicant pool.”

submitted twice without success (2015-16): National Science Foundation: Perception, Action & Cognition

Collaborative Research: Imitative mechanisms for music and language

Role on project: Principal Investigator (with lead-PI Peter Pfordresher, University at Buffalo)

Amount requested (SMCM): \$89,742

SMCM Faculty Development Grants

2019—2020: Funds for travel costs associated with presentations at the CUR Biennial 2020 meeting.

Amount awarded: \$1,010

2016—2017: Funds to purchase MATLAB software to enhance my research.

Amount awarded: \$1,480

Professional Membership & Service

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| Council on Undergraduate Research: | 2021— |
| Psychology Division Representative & Councilor | |
| The Psychonomic Society | 2014— |
| The Society for Music Perception and Cognition | 2009— |
| Eastern Psychological Association | 2017 |
| Nu Rho Psi, National Honor Society in Neuroscience | 2015 |
| Psi Chi, International Honor Society in Psychology | 2004 |

Peer-Review

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| Behavioral Sciences | 2021— |
| Behavior Research Methods | 2023— |
| Brain Sciences | 2021— |
| Journal of Intelligence | 2023— |
| Journal of the Acoustical Society of America | 2019— |
| Languages | 2021— |
| Memory & Cognition | 2013— |
| Music Perception | 2015— |
| Musicae Scientiae | 2023— |
| Psychology Press (book) | 2014 |
| PLOS One | 2017— |
| Routledge Research (book proposal) | 2018 |
| Scientific Reports | 2018— |

Service within the Psychology Department at St. Mary's College of Maryland

| Department role or committee | | Semester |
|--|-----------------------|-------------------------|
| Chair of the department | | F23— |
| Event planning committee | member | F23— |
| Student research funding committee | member | F23— |
| Faculty mentoring committees | mentor | S17— |
| PSYC 204/206 development team | member | F24— |
| Search committee (culture & community) | chair | F24— |
| Search committee (open area lecturer) | chair | F24— |
| Assessment committee | member and chair | F16—S20; F21— |
| Statistical software committee (transition team) | member and co-chair | F21—S24 |
| Ad hoc PSYC 204/206 development group | chair | F19—S24 |
| Search committee (psyc/neur visitor) | chair | S24 |
| Search committee (developmental) | chair | F23 |
| Search committee (open area visitor) | chair | F23 |
| Program Evaluation Committee | member and chair | F21, S22, F23, S24 |
| Assistant Chair | | F22—S23 |
| Search committee (two open area visitors) | member | S23 |
| Search committee (behavioral neuroscience) | member | F22 |
| Search committee (open area; visitor) | member | S22 |
| Search committee (cognitive) | member | F21 |
| Statistics and methods sequence assessment | coordinator | F19—F22 |
| Council for Undergraduate Research | member and co-chair | S17—S20 |
| Transformations Project leadership team | | |
| Teaching values committee | member | S19—F19 |
| Department self-study curriculum committee | member | F17—S19 |
| Search committee (developmental; visitor) | member | S19 |
| Service values committee | member | F18 |
| Lecture series committee | member | S17—S18 |
| SMP statistics consultant | instructor/consultant | AYs 16-17, 17-18, 19-20 |
| Search committee (social) | member | F17 |
| Psychology writing group | co-founder and member | F16—F18 |
| Search committee (developmental; visitor) | member | Su16 |
| Psi Chi (honor society) | faculty advisor | F15—S18 |
| Human Factors Pre-proposal committee | member | Su15 |
| SMP award committee | member | S15, 17, 18, 21, 22 |
| SPSS manual development & review | member | F14 |

Service for St. Mary's College of Maryland

| College role, committee, or event | | Semester |
|---|-----------------------------------|---------------|
| University System of Maryland Transfer Council | member (psychology workgroup) | F23— |
| Faculty mentoring cohort | faculty mentor | F16—S18; F23— |
| Data Science Minor Workgroup | member | F22— |
| Neuroscience Program steering committee | member | S14— |
| Educational Studies Program Evaluation Committee | member | S25 |
| Educational Effectiveness Assessment Work Group (SMCM MSCHE Self-Study) | member | F23—S24 |
| Integrated Inquiry: Meaning of Music | co-developer; coordinator; member | F18—S24 |

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| Performing Arts Program Evaluation committee | member | S24 |
| Seahawk Undergraduate Research Fellowship | co-director | Su23 |
| SOAR Advising | advisor | Su23 |
| Neuroscience Program Evaluation Committee | member | F21, S23, F23, S24, S25 |
| Southern Maryland Brain Bee | director; co-director | F17—S20, S22, S23, S24 |
| College Evaluation Committee | member | F22—S23 |
| Neuroscience Program Assessment Committee | member | F21 |
| CORE 101 writing program | member | Su21—F21 |
| Performing Arts Major workgroup | consultant | Su21 |
| Applied Data Science Program Committee | member | S21—F22 |
| Junior Science & Humanities Symposium | reviewer | S20 |
| Academic Planning Committee | member | F15—S20 |
| CORE 101 writing pilot program | member | Su19—F19 |
| Inclusive & Innovative Instruction Conference | co-presenter | F19 |
| Teaching Excellence Workshop | co-presenter | F17 |
| DeSousa-Brent Scholars summer bridge | instructor | Su17 |
| COACHE survey implementation team | member | F16—F17 |

Undergraduate Research Supervision (SMP = St. Mary's Project)

| Student | Research | Semester |
|-------------------|--|----------|
| Ameera Zobayer | SMP | F24— |
| Conor O'Callaghan | SMP | F24— |
| Tommy Brennan | SMP | F24— |
| Austin Graham | SMP: Mental imagery in sports: Exploring the PETTLEP model of imager in a soccer penalty kick task | S24—F24 |
| Madeleine Carter | SMP: Mindfulness interventions: A therapeutic alternative | S24—F24 |
| Charlie Albertson | SMP: The workspace dilemma: Understanding productivity in in-person and digital environments | F23—S24 |
| Cait Jones | SMP: Stuck on replay: The effect of cognitive and motor suppression measures on involuntary musical imagery | F23—S24 |
| Jonathan Parsons | SMP: The influence of music on cognitive tasks | F23—S24 |
| Isaac Baker | SMP: Climate change communication: How framing and valence impact skepticism and efficacy | F22—S23 |
| Beth Mlinek | SMP: The effect of tempo and valence on the perception of emotion in ambiguous human faces | F22—S23 |
| Ashley Tyler | SMP: Mindful self-compassion: The effects of one session of meditation on self-compassion | F22—S23 |
| Jordan Bailey | SMP: Genre classification, music perception, and preference | F21—S22 |
| Aubrey Bacon | SMP: The Stroop effect in the Chinese Language: How does the Stroop effect vary at different levels of Chinese language comprehension? | S21—F21 |
| Alex Rennich | SMP: Clothing preferences, social identity, and peer pressure | F19—S20 |
| Jay Hammett | SMP: Does action-based performance affect visual perception? | F19—S20 |
| Noah Lincoln | SMP: Examining the chronic and cumulative effects of repeated mild traumatic brain injury | F19—S20 |
| Rachel Thompson | SMP: Singing to learn: How pitch information facilitates encoding and retrieval | F18—S19 |

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| Kallan Dirmeyer | SMP: Linguistic modulation of color sensitivity | F18—S19 |
| Kayla Ross | SMP: The role of language on color perception | S18—F18 |
| Minjee Kim | SMP: The effect of music genre on perceived objective physical attractiveness: Physiological arousal as a possible mediator | F17—S18 |
| Anna Matullo-Miller | SMP: The efficacy of local and nationwide programs that work with child maltreatment | F17—S18 |
| Rachel Thompson | St. Mary's Undergraduate Research Fellow (SURF): The ability to sing in key—How we process pitch | Su17 |
| Emily Burr | SMP: Overparenting, autonomy support, and locus of control in emerging adulthood | F16—S17 |
| Gillian Justice | SMP: Comfort Animals in Research, history, and policy at St. Mary's College of Maryland | F16—S17 |
| Ian Winston | SMP: Pitch and timbre interactions | Su14—S16 |
| Jacob Lowenthal | SMP: The effects of unattended music on reading fluency and comprehension: Manipulating controlled musical stimuli through tempo and harmonic complexity | F15—S16 |
| Carmen Condelli | SMP: Singing and foreign language learning: Relationships with accent imitation skills | F15—S16 |
| Kati Peditto | SMP: Effects of keypad layout on number entry in infusion pumps. | Su14—S15 |
| Jonathan Parsons | Directed Research | S24 |
| Carla Wilson | Directed and Collaborative Research | S22—S23 |
| Isaac Baker | Collaborative Research | S23 |
| Jordan Bailey | Directed Research | S22 |
| James Atwell | Directed Research | F21—F22 |
| Meara Johnson | Directed Research | F21—F22 |
| Joshua Gilbert | Directed Research | F21 |
| Rachel Steelman | Directed Research | F18—F20 |
| Erika Blair | Directed Research | S19—S20 |
| Eduardo Elias | Directed Research | S19 |
| Maria Campanile | Directed Research | F18 |
| Ariel Graham | Directed Research | F18—F19 |
| Rachel Thompson | St. Mary's Undergraduate Research Fellowship; Directed Research | Su17—S19 |
| Mohammad Vahdat | Directed Research | F17—S18 |
| Angel Tse | Directed Research | F17 |
| Hannah Madden | Directed Research | F17—F18 |
| Rebecca Faubion | Directed Research | F17—S19 |
| Kallan Dirmeyer | Directed Research | S17—S19 |
| Kelsey Hancock | Directed Research | S16—S18 |
| Zoey Forrester-Fronstin | Directed Research | F14—S17 |
| Rachel Solomon | Directed Research | F16—S17 |
| Lara Holmes | Directed Research | F16—S17 |
| Mary McCarthy | Directed Research | F15—S16 |
| Sam Greenberg | Directed Research | F14—S15 |
| Keri Tapley | Directed Research | S14—S15 |
| Nicolas Gay | Directed Research | S14 |

Awards

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| College of Arts and Sciences Dean's Scholar University at Buffalo, The State University of New York | 2007 – 2011 |
| International Conference on Music Perception and Cognition ICMPC11 Young Researcher Award: <i>Honorable Mention</i> | 2010 |
| Society for Education, Music and Psychology Research (SEMPRE) Merit-Based Travel Award | 2010 |
| Society for Music Perception and Cognition (SMPC) Merit-Based Travel Award | 2009 |
| Magna Cum Laude Graduate Honors College, Millersville University | 2005 |
| Graduation with Honors in Psychology Millersville University | 2005 |
| Outstanding Senior Psychology Major Award Millersville University | 2005 |
| Outstanding Junior Psychology Major Award Millersville University | 2004 |