

Updated 06/01/21

Amy M. Belfi

amybelfi@mst.edu
Department of Psychological Science
132 HSS, 500 W. 14th St.
Rolla, MO 65409
amybelfi.com

EMPLOYMENT

- 12/2017 - present **Assistant Professor**, Department of Psychological Science
Missouri University of Science and Technology
- 06/2015-11/2017 **Postdoctoral Associate**, Department of Psychology
New York University

EDUCATION

- 2010 - 2015 **Ph.D., Neuroscience**, University of Iowa
Dissertation Advisor: Daniel Tranel
- 2006 - 2010 **B.A., Psychology**, St. Olaf College
Concentrations in Neuroscience and Women's Studies

PEER-REVIEWED PUBLICATIONS

†Denotes student/trainee co-author

2021

- Jakubowski, K., **Belfi, A. M.**, & Eerola, T. (2021). Phenomenological differences in music- and television-evoked autobiographical memories. *Music Perception*, 38, 435-455.
- Belfi, A. M.**, Moreno, G., Gugliano, M. †, & Neill, C. † (2021). Musical reward across the lifespan. *Aging & Mental Health*. Online ahead of print.
- Belfi, A. M.**, Samson, D., Crane, J., & Schmidt, N. † (2021). Aesthetic judgments of live and recorded music: Effects of congruence between musical artist and piece. *Frontiers in Psychology*, 12, 618025.
- Belfi, A. M.**, & Kacirek, K. † (2021). The Famous Melodies Stimulus Set. *Behavior Research Methods*, 53, 34-48.

2020

- Reschke-Hernandez, A. E., **Belfi, A. M.**, Guzman-Velez, E., & Tranel, D. (2020). Hooked on a feeling: Influence of brief exposure to familiar music on feelings of emotion in individuals with Alzheimer's disease. *Journal of Alzheimer's Disease*, 78, 1019-1031.
- Pralus, A.* , **Belfi, A. M.***, Hirel, C.* , Leveque, Y., Fornoni, L., Bigand, E., Jung, J., Tranel, D., Nighoghossian, N., Tillmann, B.* & Caclin, A.* (2020). Recognition of musical emotions and their perceived intensity after unilateral brain damage. *Cortex*, 130, 78-93. *Authors contributed equally
- Belfi, A. M.**, Bai, E. †, Stroud, A. † (2020). Comparing methods for analyzing music-evoked autobiographical memories. *Music Perception*, 37, 392-402.

Kasdan, A., & **Belfi, A. M.** (2020). Investigating a self-reference effect in musical aesthetics. *Experimental Results*, *e9*, 1-8.

Belfi, A. M., & Loui, P. (2020). Musical anhedonia and rewards of music listening: Current advances and a proposed model. *Annals of the New York Academy of Sciences*, *1464*, 99-114.

2019

Belfi, A. M. (2019). Emotional valence and vividness of imagery predict aesthetic appeal in music. *Psychomusicology: Music, Mind, and Brain*, *29*, 128-135.

Vessel, E. A., Isik, A. I., **Belfi, A. M.**, Stahl, J., L., & Starr, G.G. (2019). The default-mode network represents aesthetic appeal that generalizes across visual domains. *Proceedings of the National Academy of Sciences*, *116*, 19155-19164.

Belfi, A. M.*, Vessel, E. A.*, Briemann, A., Isik, A. I., Chatterjee, A., Leder, H., Pelli, D. G., & Starr, G. G. (2019). Dynamics of aesthetic experience are reflected in the default-mode network. *NeuroImage*, *188*, 584-597. *Authors contributed equally

Belfi, A. M., Kasdan, A. †, & Tranel, D. (2019). Anomia for musical entities. *Aphasiology*, *33*, 382-404.

2018

Belfi, A. M., Karlan, B. †, & Tranel, D. (2018). Damage to the medial prefrontal cortex impairs music-evoked autobiographical memories. *Psychomusicology: Music, Mind, and Brain*, *28*, 201-208.

Schneider, B. †, Heskje, J. †, Bruss, J., Tranel, D., & **Belfi, A.M.** (2018). The left anterior temporal lobe is a convergence region mediating the relation between names and semantic knowledge for unique entities: Further evidence from a “recognition-from-name” study in neurological patients. *Cortex*, *109*, 14-24.

Belfi, A. M., Kasdan, A. †, Rowland, J., Vessel, E. A., Starr, G. G., & Poeppel, D. (2018). Rapid timing of musical aesthetic judgments. *Journal of Experimental Psychology: General*, *147*, 1531-1543.

Belfi, A. M., Vessel, E. A., & Starr, G. G. (2018). Individual ratings of vividness predict aesthetic appeal in poetry. *Psychology of Aesthetics, Creativity, and the Arts*, *12*, 341-350.

2017

Belfi, A. M., Evans, A. †, Heskje, J. †, Bruss, J., & Tranel, D. (2017). Musical anhedonia after focal brain damage. *Neuropsychologia*, *97*, 29-37.

2016

Belfi, A. M., Bruss, J., Karlan, B. †, Abel, T. J., & Tranel, D. (2016). Neural correlates of musical instrument recognition and naming. *Neuropsychology*, *30*, 860-868.

Belfi, A. M., Chen, K-H, Schneider, B. †, & Tranel, D. (2016). Neurological damage disrupts normal sex differences in psychophysiological responses to music. *Psychophysiology*, *53*, 14-20.

Belfi, A. M., Karlan, B. †, & Tranel, D. (2016). Music evokes vivid autobiographical memories. *Memory*, *24*, 979-989.

Abel, T. J., Manzel, K., Bruss, J., **Belfi, A. M.**, Howard, M. A. III., & Tranel, D. (2016). The cognitive and behavioral effects of meningioma lesions involving ventromedial prefrontal cortex. *Journal of Neurosurgery*, *124*, 1568-1577.

2015 and earlier

Belfi, A. M., Kosciak, T. R., & Tranel, D. (2015). Damage to the insula is associated with abnormal interpersonal trust. *Neuropsychologia*, *71*, 165-172.

Belfi, A. M. & Tranel, D. (2014). Impaired naming of famous musical melodies is associated with left temporal polar damage. *Neuropsychology*, *28*, 429-435.

Belfi, A. M., Conrad, A. L., Dawson, J., & Nopoulos, P. (2014). Masculinity/Femininity predicts brain volumes in normal healthy children. *Developmental Neuropsychology*, *39*, 25-36.

OTHER PUBLICATIONS

BOOK CHAPTER

Starr, G. G. & **Belfi, A. M.** (2020). Pleasure. In Matthew Rubery & Leah Price (Eds.), *Further Reading*. Oxford University Press.

EDITORIAL

Baker, D. J., **Belfi, A. M.**, Creel, S., Grahn, J., Hannon, E., Loui, P., Margulis, E. H., Schachner, A., Schutz, M., Shanahan, D., & Vuhan, D. T. (2020). Embracing anti-racist practices in the music perception and cognition community. *Music Perception*, *38*, 103-105.

INVITED BOOK REVIEW

Belfi, A. M. (2020). Review: The Oxford Handbook of Music and the Brain. Thaut, M. H., & Hodges, D. A. (Eds). *Perception*, *49*, 606-607.

OTHER PUBLICATIONS

Belfi, A. M., & Tranel, D. (2015). Name that tune: What parts of our brains do we use for naming songs? *Frontiers for Young Minds*, *2*, 6.

HONORS & AWARDS

| | |
|------|--|
| 2021 | Faculty External Recognition Award, Missouri S&T |
| 2021 | Community Outreach Award, Missouri S&T CASB |
| 2021 | Rising Star Award, Association for Psychological Science |
| 2020 | Outstanding Teaching Award, Missouri S&T |
| 2018 | Undergraduate Faculty Sponsor Award, Psi Chi Honor Society |
| 2018 | UM System Affordable & Open Educational Resources Grant |
| 2018 | Early Career Faculty Professional Development Grant, Missouri S&T |
| 2017 | Travel Award, Society for Music Perception and Cognition |
| 2016 | First Place Talk Award, Graduate Women in Science National Conference |
| 2016 | Travel Award, Graduate Women in Science |
| 2016 | Selected Participant, International Conference on Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation and Creativity |
| 2010 | University of Iowa Presidential Fellowship |
| 2015 | <i>Cognitive Neuropsychology</i> Student Travel Award |
| 2014 | University of Iowa Graduate & Professional Student Government Travel Grant |

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| 2014 | University of Iowa Graduate Student Senate Travel Grant |
| 2014 | Honorable Mention, Graduate Women in Science Fellowship |
| 2014 | Cognitive Neuroscience Society People's Choice Award |
| 2014 | <i>Cognitive Neuropsychology</i> Student Travel Award |
| 2014 | University of Iowa Graduate & Professional Student Government Travel Grant |
| 2014 | University of Iowa Graduate Student Senate Travel Grant |
| 2013 | University of Iowa Professional Development Grant |
| 2013 | Third Place, James F. Jakobsen Conference, University of Iowa |
| 2013 | University of Iowa Graduate Student Senate Travel Grant |
| 2013 | University of Iowa Graduate & Professional Student Government Travel Grant |
| 2012 | Third Place, James F. Jakobsen Conference, University of Iowa |

PRESENTATIONS

INVITED TALKS (ACADEMIC AND INDUSTRY)

- Princeton University, Department of Music. February 2021.
- Georgia Tech, Center for Music Technology. September 2020.
- USC, Neuroimaging and Informatics Program. September 2020.
- American Society of Interior Designers, MO East Chapter, St. Louis, MO. March 2020.
- University of Missouri – Columbia, Department of Psychology. October 2019.
- Southern Illinois University – Edwardsville, Department of Biology. September 2019.
- St. Louis University, Department of Psychology. April 2019.
- Missouri S&T, Department of Biology. February 2019.
- Missouri Institute of Mental Health, St. Louis, MO. July 2018.
- University of Illinois College of Medicine, Peoria, IL. April 2018.
- University of Tennessee – Knoxville, School of Music. April 2018.
- Washington University, St. Louis, MO. March 2018.
- Anghami Digital Audio Day, Dubai, UAE. September 2017.
- Max Planck Institute for Empirical Aesthetics, Frankfurt, Germany, May 2017.
- Interactive Advertising Bureau Audio Day, New York, NY. February 2017.
- Icahn School of Medicine at Mount Sinai, New York, NY. December 2016.
- Stony Brook University, Department of Psychology. Stony Brook NY. November 2016.
- Spotify, New York, NY. October 2016.
- Wesleyan University, Department of Psychology. Middletown, CT. September 2016.
- University of Notre Dame, Department of Psychology. Notre Dame, IN. September 2016.
- Max Planck Institute for Empirical Aesthetics, Frankfurt, Germany. May 2016.
- St. Olaf College, Department of Psychology. Northfield, MN. March 2016.
- American Registry of Radiologic Technologists, St. Paul, MN. November 2014.

CONFERENCE TALKS - INVITED

Music and autobiographical memory. *Southern Society for Philosophy and Psychology*, virtual conference, December 2020.

The intersection of neuroscience and music therapy in mental health and well-being. *American Music Therapy Association*, virtual conference, November 2020.

Music and emotion in Alzheimer's disease. *Graduate Women in Science*, St. Louis, MO, March 2020.

CONFERENCE TALKS - CONTRIBUTED

- A comparison of methods for analyzing music-evoked autobiographical memories. *Society for Music Perception and Cognition*, New York, NY, August 2019.
- A musical self-reference effect. *Society for Music Perception and Cognition*, San Diego, CA, July 2017.
- Aesthetic differences between genres in poetry and music. *International Association of Empirical Aesthetics*, Vienna, Austria, August 2016.
- Investigating the timecourse of aesthetic judgments of music. *Graduate Women in Science*, Research Triangle Park, North Carolina, June 2016.
- Neural correlates of musical instrument recognition and naming. *Society for Music Perception and Cognition*, Nashville, TN, August 2015.
- The effect of expectancy on musical chord perception: Intracranial responses. *Midwestern Music Cognition Symposium*, Columbus, OH, May 2013.

POSTER PRESENTATIONS – NATIONAL/INTERNATIONAL CONFERENCES

- Davidson, W. †, Tranel, D., & **Belfi, A. M.** Conceptual retrieval for unique entities does not require proper names: Clarifying the role of the left temporal pole. *Cognitive Neuroscience Society*, virtual meeting, March 2021.
- Stroud, A. †, Twohy, R. †, Bai, E. †, Neill, C. †, Gugliano, M. †, & **Belfi, A. M.** Voluntary and involuntary autobiographical memory retrieval across the lifespan. *Society for Neuroscience*, Chicago, IL, October 2019.
- Belfi, A. M.**, Kacirek, K. †. The Famous Melodies Stimulus Set: Development and normative data. *Society for Music Perception and Cognition*, New York, NY, August 2019.
- Belfi, A. M.**, Reschke-Hernandez, A., Guzman-Velez, E., & Tranel, D. Music and emotion in Alzheimer's disease. *Society for Neuroscience*, San Diego, CA, November 2018.
- Belfi, A. M.**, Schneider, B. †, Heskje, J. †, Bruss, J., & Tranel, D. The left anterior temporal lobe is a bidirectional convergence region mediating the relation between names and semantic knowledge for unique entities. Data blitz talk and poster given at the *Cognitive Neuroscience Society*, Boston, MA, March 2018.
- Kasdan, A. †, **Belfi, A. M.**, Rowland, J., Vessel, E. A., Starr, G. G., & Poeppel, D. Musical genre and familiarity influence the timing of aesthetic judgments. *Society for Music Perception and Cognition*, San Diego, CA, July 2017.
- Belfi, A. M.**, Vessel, E. A., Pelli, D. G., Chatterjee, A., Leder, H., & Starr, G. G. Transient versus sustained neural responses to pleasurable aesthetic experiences. *Cognitive Neuroscience Society*, San Francisco, CA, March 2017.
- Vessel, E. A., Isik, I., **Belfi, A. M.**, Stahl, J., & Starr, G. G. Aesthetic appreciation of cultural artifacts engages additional processes beyond a core domain-general system. *Cognitive Neuroscience Society*, San Francisco, CA, March 2017.
- Belfi, A. M.**, Vessel, E. A., Pelli, D. G., & Starr, G. G. Investigating the timecourse of aesthetic experience. *Society for Neuroscience*, San Diego, CA, November 2016.
- Reschke-Hernandez, A., Guzman-Velez, E., **Belfi, A. M.**, & Tranel, D. The effects of music listening on emotions and feelings in patients with dementia: Preliminary findings. *Music Therapy Association*, Sandusky, OH, November 2016.
- Belfi, A. M.**, Vessel, E. A., Rowland, J., Pelli, D. G., Poeppel, D., & Starr, G. G. Investigating the timecourse of aesthetic experience in music and art. *International Conference on Mobile*

- Brain-Body Imaging and the Neuroscience of Art, Innovation and Creativity*. Cancun, Mexico, July 2016.
- Belfi, A. M.**, Rowland, J., Vessel, E. A., Starr, G. G., & Poeppel, D. Investigating the timecourse of aesthetic judgments of music. *International Conference on Music Perception and Cognition*. San Francisco, California, July 2016.
- Belfi, A. M.** Evans, A. † & Tranel, D. Music anhedonia in focal brain injury: A selective loss in musical pleasure. *Cognitive Neuroscience Society*, San Francisco, CA, March 2015.
- Belfi, A. M.** & Tranel, D. Damage to the medial prefrontal cortex is associated with impaired autonomic responses to music-evoked autobiographical memories. *Society for Neuroscience*, Washington DC, November 2014.
- Belfi, A. M.**, & Tranel, D. Damage to the medial prefrontal cortex is associated with abnormal music-evoked autobiographical memories. *Cognitive Neuroscience Society*, Boston, MA, April 2014.
- Belfi, A. M.**, Voss, M. W., Mani, M., Wong, C. N., Cooke, G., Sutterer, M. J., Clark, R., Tranel, D., McAuley, E., & Kramer, R. F. Age-related differences in the intrinsic functional connectivity of the default mode network. *Cognitive Neuroscience Society*, San Francisco, CA, April 2013.
- Sutterer, M. J., Voss, M. W., Mani, M., Wong, C. N., Cooke, G., **Belfi, A. M.**, Weng, T., Tranel, D., McAuley, E., & Kramer, R. F. Age-related differences in anterior cingulate-insula connectivity are associated with the fronto-executive but not emotional saliency network. *Cognitive Neuroscience Society*, San Francisco, CA, April 2013.
- Belfi, A. M.**, Rhone, A. E., McMurray, B., Oya, H., Kawasaki, H., & Howard, M.A. III. The effect of expectancy on musical chord perception: Behavioral and intracranial responses. *Society for Neuroscience*, New Orleans, LA. October 2012.
- Belfi, A.M.**, Conrad, A. L., Dawson, J., & Nopoulos, P. Masculinity/Femininity predicts brain volumes in normal healthy children. *Society for Neuroscience*, Washington D.C. November 2011.

POSTER PRESENTATIONS - LOCAL AND REGIONAL CONFERENCES

- Kacirek, K. †, & **Belfi, A. M.** The Famous Melodies Task: Development and normative data. *Missouri S&T Undergraduate Research Conference, Rolla, MO*, April 2019. Winner: Second place in the Social Sciences category.
- Twohy, R. †, & **Belfi, A. M.** Investigating the effect of concussions on college athletes. *Missouri S&T Undergraduate Research Conference, Rolla, MO*, April 2019. Winner: Second place in the Proposed Research category.
- Peterson, A. †, Twohy, R. †, Bai, E. †, Neill, C. †, & **Belfi, A. M.** Age-related differences in voluntary and involuntary autobiographical memory. *Midwestern Psychological Association Annual Meeting, Chicago, IL*, April 2019. *Missouri S&T Undergraduate Research Conference, Rolla, MO*, April 2019. Winner: First place in the Social Sciences category.
- Belfi, A. M.**, Reschke-Hernandez, A., Guzman-Velez, E., & Tranel, D. Music and emotion in Alzheimer's disease. Talk given at the Ozark Biomedical Initiative Symposium, Rolla, MO, August 2018.
- Kacirek, K. †, & **Belfi, A. M.** The famous melodies task: Design, development, and use in studies of category knowledge. *Missouri S&T Undergraduate Research Conference, Rolla, MO*. April 2018. Winner: First Place in the Proposed Research category.

- Bowels Edwards, A. †, Schneider, B. †, **Belfi, A. M.**, & Tranel, D. The left temporal pole: A bidirectional convergence region for proper naming. Poster presentation at the Summer Undergraduate Research Festival, Iowa City, IA. July 2015.
- Schneider, B. †, **Belfi, A. M.**, & Tranel, D. Lesions to the left temporal pole affect retrieval of conceptual information. Poster presentation at the Spring Undergraduate Research Festival, Iowa City, IA. April 2015.
- Heskje, J. †, **Belfi, A. M.**, Evans, A. †, & Tranel, D. Music anhedonia in patients with focal brain lesions. Poster presentation at the Spring Undergraduate Research Festival, Iowa City, IA. April 2015.
- Schneider, B. †, Ekouevi, S. †, **Belfi, A. M.**, & Tranel, D. Retrieval of conceptual knowledge of unique items: Role of the left temporal pole. Poster presentation at the Fall Undergraduate Research Festival, Iowa City, IA, December 2014. *Winner: Commended Poster Presentation.*
- Evans, A. †, **Belfi, A. M.**, & Tranel, D. Music anhedonia: A selective loss of musical pleasure following focal brain damage. Poster presentation at the Carver College of Medicine Medical Student Research Day, Iowa City, IA, September 2014. *Winner: Best Basic Neuroscience Poster.*
- Ekouevi, S. †, **Belfi, A. M.**, & Tranel, D. Naming and knowing: Neural systems for retrieving knowledge for unique persons, places, and melodies. Poster presentation at the Summer Undergraduate Research Conference, Iowa City, IA, July 2014.
- Karlan, B. †, Schneider, B. †, Owens, A. †, **Belfi, A. M.**, & Tranel, D. The effect of damage to the medial prefrontal cortex on vividness of music-evoked autobiographical memories. Poster presentation at the Iowa Center for Research by Undergraduates, Iowa City, IA, April 2014.
- Belfi, A. M.** A neuropsychological investigation of music and autobiographical memory. Talk given at MidBrains: The Undergraduate Neuroscience Conference of the Upper Midwest, Bethel University, St. Paul, MN. October 2014.
- Belfi, A. M.**, Kosciak, T. R., & Tranel, D. Damage to the insula is associated with abnormal interpersonal trust. Poster presentation at the 16th Annual James F. Jakobsen Conference, Iowa City, IA, March 2014.
- Wade, A. †, **Belfi, A. M.**, & Tranel, D. Increased vividness and emotionality of music-evoked autobiographical memories. Poster presentation at the University of Iowa Summer Undergraduate Research Conference, Iowa City, IA, July 2013.
- Belfi, A. M.**, Tranel, D. Impaired naming of famous musical melodies is associated with left temporal polar damage. Talk given at the 15th Annual James F. Jakobsen Conference, Iowa City, IA, April 2013. *Third Place Winner.*
- Belfi, A.M.**, Conrad, A. L., Dawson, J., & Nopoulos, P. Masculinity/Femininity predicts brain volumes in normal healthy children. Poster presentation at the 14th Annual James F. Jakobsen Conference, Iowa City, IA. March 2012. *Third Place Winner.*
- Belfi, A.M.**, Thorsheim, H. The effects of emotional images on heart rate variability. St. Olaf College, Northfield, MN. Poster presentation at the Minnesota Undergraduate Psychology Conference. Spring 2010.
- Belfi, A.M.**, Kosciak, T., Tranel, D. Sex differences in factors influencing mate choices. University of Iowa Interdisciplinary Summer Undergraduate Research Program. Poster presentation at the University of Iowa Summer Undergraduate Research Conference. Summer 2009.

Belfi, A.M., Bain, S., Brooks, H., & Kemen, A. Signal detection analyses of visual attention to body regions. St. Olaf College, Northfield, MN. Poster presentation at the Minnesota Undergraduate Psychology Conference. Spring 2009.

Belfi, A., Bain, S., Brooks, H., & Kemen, A. Perceptions of body weight and Body Mass Index across genders. St. Olaf College, Northfield, MN. Poster presentation at the St. Olaf College Regents Hall Dedication Poster Session. Fall 2008.

RESEARCH SUPPORT

CURRENT

Missouri S&T Center for Biomedical Research: Music as an involuntary memory cue in healthy aging

07/01/2020 – 12/31/2021

Total costs: \$13,200

Role: PI

Missouri S&T Intelligent Systems Center: Human vs. Artificial Intelligence: How composer identity influences aesthetic judgments of music

Total costs: \$8587

10/01/2020 – 09/30/2021

Role: PI (with Co-PI Daniel Shank)

COMPLETED

Missouri S&T Center for Science, Technology, and Society: Investigating differences between the experience of live and streamed musical concerts

01/01/2019 – 05/30/2020

Total costs: \$5,000

Role: PI (with Co-PI David Samson)

University of Missouri Research Board: Age-related differences in involuntary remembering

05/31/2018 – 05/30/2020

Total costs: \$21,682

Role: PI

Grammy Museum Grant Program: Enhancing memory via music-evoked pleasure and novelty

05/08/2018 – 05/07/2019

Total costs: \$20,000

Role: Co-Investigator (PIs: Pablo Ripolles and David Poeppel)

NYU Center for Brain Imaging Pilot Grant: Neural dynamics underlying musical aesthetics.

03/23/2016 – 03/23/2017

Total costs: \$5,000

Role: PI

Fraternal Order of Eagles Blackie Floyd Alzheimer's Fund: Music and feelings in Alzheimer's disease.

3/28/2015 – 3/28/2017

Total costs: \$2,500

Role: Co-PI (with Co-PIs Alaine Reschke-Hernandez and Edmarie Guzman-Velez)

Experiment.com crowdfunding: Can music improve memories in patients with brain damage?

10/18/13 – 05/01/2015

Total costs: \$1,950

Role: PI

TEACHING

Missouri S&T

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| Fall | Advanced Cognitive Psychology |
| Fall and Spring | Cognitive Psychology |
| Spring | Neuroscience |

New York University

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| Spring 2017 | Introduction to Psychology |
| January 2017 | Cognitive Neuroscience of Music |

University of Iowa

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| Spring 2015 | Guest Lecturer , Research in Music Therapy |
| Spring 2014 | Teaching Assistant , Medical Neuroscience |
| Spring 2013 | Teaching Assistant , Research Methods |
| Fall 2012 | Teaching Assistant , Principles of Neuropsychology |
| Fall 2011 | Teaching Assistant , Educational Psychology |

St. Olaf College

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| Spring, 2009, 2010 | Teaching Assistant , Introductory Psychology |
| Fall 2008 | Teaching Assistant , Introductory Psychology Lab |

MENTORING

2018 – present Missouri S&T

- Current undergraduate research assistants:
 - Emily Pearson (2020 – present)
 - Recipient of a First Year Research Experiences grant from Missouri S&T
 - Recipient of an Opportunities for Undergraduate Research Experiences grant from Missouri S&T (\$500).
 - Whitney Davidson (2020 – present)
 - First author on one conference poster presentation.
 - Aaron Hardy (2020 – present)
 - Jenna Graff (2020 – present)
- High school research assistants:
 - Elena Bai (2018 – present)
 - Co-author on two conference poster presentations, one conference talk, and one publication.
 - Amanda Lim (2020 – present)
- Alumni:
 - Maria Gugliano (2019 – 2021)
 - Co-author on one conference poster presentation and one publication.

- Recipient of an Opportunities for Undergraduate Research Experiences grant from Missouri S&T (\$500).
 - *Current position:* PharmD student, UT Austin
- Raelynn Twohy (2018 – 2021)
 - Co-author on two conference poster presentations.
 - Awarded Second Place in the Proposed Research category at the 2019 Missouri S&T Undergraduate Research Conference.
 - Recipient of an Opportunities for Undergraduate Research Experiences grant from Missouri S&T (\$500).
 - Recipient of an Opportunities for Undergraduate Research Experiences fellowship from Missouri S&T (\$2,500)
 - Completed undergraduate Honors Thesis
- Abbigail Ely (2019 – 2021)
 - Winner of the Missouri S&T Department of Psychological Science Research Award
- Nicholas Schmidt (2019 – 2020)
 - Recipient of an Opportunities for Undergraduate Research Experiences grant from Missouri S&T (\$500).
 - Co-author on one publication
- Kaelyn Kacirek (2018 – 2020).
 - Co-author on two conference poster presentations and one publication.
 - Awarded First Place (\$500) in the Proposed Research category at the 2018 Missouri S&T Undergraduate Research Conference.
 - Recipient of an Opportunities for Undergraduate Research Experiences grant from Missouri S&T (\$500).
 - Awarded Second Place in the Social Sciences category at the 2019 Missouri S&T Undergraduate Research Conference.
- Brooke Boulais (2019 – 2020)
 - Completed undergraduate Honors Thesis
 - *Current position:* PsyD student, Roosevelt University
- Ava (Peterson) Stroud (2018 – 2020)
 - First-author on a poster presentation at the Society for Neuroscience annual meeting.
 - Co-author on two conference poster presentations and one publication.
 - Awarded a Psi Chi Honors Society Undergraduate Research Grant (\$1,500)
 - Awarded First Place in the Social Sciences category (\$500) at the 2019 Missouri S&T Undergraduate Research Conference.
 - *Current Position:* DO Student, AT Still University
- Claire Neill (2018 – 2020)
 - Co-author on one conference poster presentation and one publication.
 - Recipient of an Opportunities for Undergraduate Research Experiences grant from Missouri S&T (\$500).
 - *Current position:* MS student, Missouri S&T

2015 – 2017 **New York University**

- Post-baccalaureate research assistant:

- Anna Kasdan (2016-2017).
 - Co-author on two published manuscripts and two conference presentations.
 - *Current position:* PhD student, Vanderbilt University.

2012 – 2015 **University of Iowa**

- Undergraduate research assistants:
 - Brett Karlan (2012 – 2015).
 - Winner of a fellowship through the Iowa Center for Research by Undergraduates.
 - Co-author on two published papers and two posters.
 - *Current position:* PhD Student in Philosophy, Princeton University.
 - Brett Schneider (2013 - 2015).
 - Winner of the University of Iowa Excellence in Undergraduate Research Award, given to four undergraduates each year.
 - Co-author on one published paper and four posters.
 - *Current position:* PhD Student in Clinical Psychology, University of Wisconsin-Madison.
 - Erin Evans (2014 – 2015).
 - Winner of a fellowship from the University of Iowa Medical Student Research program.
 - Co-author on one published paper and three posters.
 - *Current position:* Medical Resident, University of Iowa.
 - Jonah Heskje (2014 – 2015).
 - Co-author on one published paper and one poster.
 - *Current position:* Research Assistant, University of Iowa.

SERVICE

PROFESSIONAL SERVICE

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|----------------|---|
| March 2021 | Chair , Student Awards Committee, Future Directions of Music Cognition Conference |
| October 2020 | Study Section Member , Cognition and Perception, NIH |
| 2020 – present | Editorial Board , Empirical Musicology Review |
| 2020 – present | Topic Editor , <i>Frontiers in Neuroscience</i> , Examining the neurodynamics of emotional experiences with naturalistic paradigms |
| 2019 – present | Reviewing Editor , <i>Experimental Results</i> |
| 2019 – present | Guest Editor , <i>Music & Science</i> , Special Collection on Music and Autobiographical Memory |
| 2018 – present | Member At-Large , Society for Music Perception and Cognition |
| 2019 – 2020 | Past-President , Graduate Women in Science |
| 2017 – 2020 | Member , Training, Outreach, and Diversity Committee; Cognitive Neuroscience Society |
| 2018 – 2019 | President , Graduate Women in Science |
| 2017 – 2018 | President-Elect , Graduate Women in Science |
| 2016 – 2017 | Vice President , Graduate Women in Science |
| 2015 – 2017 | President , Cognitive Neuroscience Society Trainee Association |
| August 2016 | Volunteer , International Society for Music Information Retrieval |

April 2016, 2017 **Moderator**, Trainee Professional Development Panel, Cognitive Neuroscience Society Annual Meeting
 2015 – 2018 **Chair**, Graduate Women in Science Public Relations Committee
 April 2014, 2015 **Volunteer**, Cognitive Neuroscience Society Annual Meeting

Ad Hoc Reviewing Journals: *Aphasiology; Behavior Research Methods; Brain Sciences; Cognition; Collabra: Psychology; Cortex; Current Psychology; European Journal of Neuroscience; Journal of Alzheimer's Disease; Journal of Applied Research in Memory and Cognition; Journal of Clinical and Experimental Neuropsychology; Journal of Experimental Psychology: General; Journal of the International Neuropsychological Society; Memory; Memory and Cognition; Music & Science; Music Perception; NeuroImage; Neurology, Psychology, and Brain Research; Neuropsychologia; Neuropsychology; Psychomusicology: Music, Mind, and Brain; Psychophysiology*

Grants: *NSF Cognitive Neuroscience Program; University of Missouri Research Board*

Academic publishers: *MIT Press; Oxford University Press*

DEPARTMENTAL/UNIVERSITY SERVICE

2020 – present **IRB Member**, S&T representative to MU IRB
 2020 – present **Member**, Missouri S&T Pre-Med Committee
 2020 – present **Faculty Advisor**, Tau Beta Sigma – Delta Xi Chapter (Band Sorority)
 2019 – present **Faculty Advisor**, Graduate Women in Science, Rolla Chapter
 2019 – present **Coordinator**, Psychological Science Department Social Media
 2018 – present **Departmental Coordinator**, Opportunities for Undergraduate Research Experience (OURE) Program, Missouri S&T
 2018 – present **Coordinator**, Psychological Science Department Colloquium Series, Missouri S&T
 2016 – 2017 **National Liaison**, Graduate Women in Science, NYC Metro Chapter
 2014 – 2015 **President**, Graduate Women in Science, Iowa City Chapter
 2012 – 2015 **Member**, Eastern Iowa Brain Bee Committee
 2012 **Panelist**, Women in Science and Engineering Peer Mentoring, UIowa
 2011 – 2012 **Member**, Neuroscience Program Admissions Committee, UIowa
 2009 – 2010 **Vice President**, Psi Chi, St. Olaf College

PUBLIC LECTURES

Your Brain on Music

Research on Tap, Rolla, MO. October 2019.

Music and the brain: Understanding the listener experience.

Taste of Science Festival, St. Louis, MO. April 2018.

Musical aesthetic decisions.

TEDx Missouri S&T, Rolla, MO. March 2018.

Music and the brain: Understanding the listener experience.

Taste of Science Festival, New York, NY. April 2017.

Functions of music in everyday life.

NYC Monthly Music Hackathon, New York, NY. December 2016.

Music, memory, and the brain.

North Carolina Museum of Natural Sciences, Raleigh, NC. June 2016.

Music, memory, and the brain.

Johnson County Senior Center, Iowa City, IA. April 2015

Music and the Brain: Investigating music, emotion, and autobiographical memory.

Cedar Rapids Kennedy High School, Cedar Rapids, IA. October 2014.

PROFESSIONAL MEMBERSHIPS

Association for Psychological Science

Cognitive Neuroscience Society

Faculty for Undergraduate Neuroscience

Graduate Women in Science

Psychonomic Society

Society for Music Perception and Cognition

Society for Neuroscience