

# Daniele Nardi

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## Education

2008	<b>Ph.D., Psychology</b> Bowling Green State University   Bowling Green, OH Advisor: Verner Bingman
2004	<b>M.S., Biological Sciences</b> Scuola Normale Superiore   Pisa, Italy
2001	<b>B.S., Biological Sciences</b> University of Pisa   Pisa, Italy

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## Academic Positions

2022-Present	<b>Associate Professor</b> Ball State University   Department of Psychological Science   Muncie, IN
2018-2022	<b>Assistant Professor</b> Ball State University   Department of Psychological Science   Muncie, IN
2014-2018	<b>Assistant Professor</b> Eastern Illinois University   Psychology Department   Charleston, IL
2011-2014	<b>Postdoctoral Research Fellow</b> Supported by Marie Curie International Grant   Sapienza University of Rome   Psychology Department   Rome, Italy
2011-2014	<b>Adjunct Faculty</b> John Cabot University   Psychology Department   Rome, Italy
2008-2011	<b>Postdoctoral Research Fellow</b> Supported by Spatial Intelligence and Learning Center   Temple University   Psychology Department   Philadelphia, PA

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## Peer-reviewed Publications

Singer, K.J.\*, & Nardi, D. (under review). Where's Your Mask? Distance Perception in Mask Wearing.

- Nardi, D., Singer, K.J.\*, Price, K.M.\*, Carpenter, S.E.\*, Bryant, J.A.\*, Hatheway, M.A.\*, Johnson, J.N.\*, Pairitz, A.K.\*, Young, K.L.\*, & Newcombe, N.S. (2021). Navigating Without Vision: Spontaneous Use of Terrain Slant in Outdoor Place Learning. *Spatial Cognition & Computation*. Advance online publication. doi: 10.1080/13875868.2021.1916504
- Coppola, V.J., Nardi, D., & Bingman, V.P. (2021). Age-associated decline in septum neuronal activation during spatial learning in homing pigeons (*Columba livia*). *Behavioural Brain Research*. Advance online publication. <https://doi.org/10.1016/j.bbr.2020.112948>
- Nardi, D., Carpenter, S.E.\*, Johnson, S.R.\*, Gilliland, G.A.\*, Melo, V.L.\*, Pugliese, R., Coppola, V.J., & Kelly, D.M. (2020). Spatial Reorientation with a Geometric Array of Auditory Cues. *Quarterly Journal of Experimental Psychology*. Advance online publication. doi: 10.1177/1747021820913295
- Casto, P., Wiegmann, D.D., Coppola, V.J., Nardi, D., Hebets, E.A., & Bingman, V.P. (2020). Vertical-surface navigation in the Neotropical whip spider *Paraphrynus laevis* (Arachnida: Amblypygi). *Animal Cognition*. Advance online publication. doi: 10.1007/s10071-020-01420-0
- Nardi, D., Twyman, A.D., Holden, M.P., & Clark, J.M.\* (2019). Tuning In: Can Humans Use Auditory Cues for Spatial Reorientation? *Spatial Cognition & Computation*. Advance online publication. doi: 10.1080/13875868.2019.1702665
- Boomgarden, S.A.\*, Nardi, D., & Aronson, J.M. (2019). The Effect of a Fabricated Stereotype Threat on Sex Differences in Object Location Memory. *Psi Chi Journal of Psychological Research*, 24(3), 166-173. <https://doi.org/10.24839/2325-7342.JN24.3.166>
- Sotelo, M.I., Nardi, D., Payne, K.B., Coppola, V.J., Muzio, R.N., & Bingman, V.P. (2019). Local Geometric Properties Do Not Support Reorientation in Hippocampus-Engaged Homing Pigeons. *Behavioral Neuroscience*. Advance online publication. <http://dx.doi.org/10.1037/bne0000298>
- Hammond, A.G.\*, Murphy, E.M.\*, Silverman, B.M.\*, Bernas, R.S., & Nardi, D. (2018). No Environmental Context-Dependent Effect, but Interference, of Physical Activity on Object Location Memory. *Cognitive Processing*. doi: 10.1007/s10339-018-0875-4
- Nardi, D., Anzures, B.J.\*, Clark, J.M.\*, & Griffith, B.V.\* (2018). Spatial Reorientation with Non-Visual Cues: Failure to Spontaneously Use Auditory Information. *Quarterly Journal of Experimental Psychology*. doi: 10.1177/1747021818780715
- Ganczarek, J.\*, Ruggieri, V., Nardi, D., & Olivetti-Belardinelli, M. (2015). Intersection of Reality and Fiction in Art Perception: Pictorial Space, Body Sway and Mental Imagery. *Cognitive Processing*, 16, 233-236
- Nardi, D., Holmes, C.A., Newcombe, N.S., & Weisberg, S.M. (2015). Sex Differences and Errors in the Use of Terrain Slope for Reorientation. *Cognitive Processing*, 16, 323-326

- Holmes, C.A., Nardi, D., Newcombe, N.S., & Weisberg, S.M. (2015). Children's Use of Slope to Guide Navigation: Sex Differences Relate to Spontaneous Slope Perception. *Spatial Cognition & Computation*, 15, 170-185
- Ganczarek, J.\*, Ruggieri, V., Nardi, D., & Olivetti-Belardinelli, M. (2014). Interaction of perception and imagination in pictorial space experience. In A. Scarinzi (Ed.), *Embodied Aesthetics: Proceedings of the 1st International Conference on Aesthetics and the Embodied Mind, 26th–28th August 2013* (pp. 38-58). Leiden, Netherlands: Brill Academic Publishers. doi: 10.1163/9789004281516
- Nardi, D., Meloni, R.\*, Orlandi, M., & Olivetti-Belardinelli, M. (2014). Where is uphill? Sex differences reorienting on a sloped environment presented through 2D images. *Perception*, 43, 249-264
- Weisberg, S. M., Nardi, D., Newcombe, N.S., & Shipley, T.F. (2014). Up by Upwest: Is Slope like North? *Quarterly Journal of Experimental Psychology*, 67, 1959-1976.
- Nardi, D., & Bingman, V.P. (2013). Making a stronger case for comparative research to investigate the behavioral and neurological bases of 3D navigation. *Behavioral and Brain Sciences*, 36, 557-558. doi: 10.1017/S0140525X13000472
- Schinazi, V.R., Nardi, D., Newcombe, N.S., Shipley, T.F., & Epstein, R.A. (2013). Hippocampal size predicts rapid learning of a cognitive map in humans. *Hippocampus*, 23, 515-528.
- Twyman, A.D., Nardi, D., Newcombe, N.S. (2013). Two fields are better than one: Developmental and comparative cognition perspectives on understanding spatial reorientation. *Comparative Cognition & Behavior Reviews*, 8, 78-97.
- Nardi, D., Newcombe, N.S., & Shipley, T.F. (2013). Reorienting with terrain slope and landmarks. *Memory & Cognition*, 41, 214-228.
- Nardi, D. (2012). Does terrain slope really dominate goal searching? *Cognitive Processing*, 13, 281-284.
- Nardi, D., Mauch, R.J.\*, Klimas, D.B., & Bingman, V.P. (2012). Use of Slope and Feature Cues in Pigeon Goal Searching Behavior. *Journal of Comparative Psychology*, 126, 288-293.
- Nardi, D., Newcombe, N.S., & Shipley, T.F. (2011). The world is not flat: Can people reorient using slope? *Journal of Experimental Psychology: Learning, Memory and Cognition*, 37, 354-367.
- Nardi, D., Nitsch, K.P.\*, & Bingman, V.P. (2010). Slope-Driven Goal Location Behavior in Pigeons. *Journal of Experimental Psychology: Animal Behavior Processes*, 36, 430-442.
- Nardi, D., Newcombe, N.S., & Shipley, T.F. (2010). The Role of Slope in Human Reorientation. *Proceedings of the International Conference Spatial Cognition 2010, Mt. Hood, Portland, OR, August 2010*.

- Nardi, D., & Bingman, V.P. (2009). Slope-based Encoding of a Goal Location is Unaffected by Hippocampal Lesions in Homing Pigeons (*Columba livia*). *Behavioural Brain Research*, 205, 322-326.
- Nardi, D., Funk, A.Y. \*, Newcombe, N.S., & Shipley, T.S. (2009). Reorientation by Slope Cues in Humans. *Cognitive Processing*, 10, 260-262.
- Nardi, D., & Bingman, V.P. (2009). Pigeon (*Columba livia*) Encoding of a Goal Location: The Relative Importance of Shape Geometry and Slope Information. *Journal of Comparative Psychology*, 123, 204-216.
- Nardi, D., & Bingman, V.P. (2007). Asymmetrical participation of the left and right hippocampus for representing environmental geometry in homing pigeons. *Behavioural Brain Research*, 178, 160-171.
- Gagliardo, A., Vallortigara, G., Nardi, D., & Bingman, V.P. (2005). A lateralized avian hippocampus: Preferential role of the left hippocampal formation in homing pigeon sun compass-based spatial learning. *European Journal of Neuroscience*, 22, 2549-2559.

\*Supervised Student Co-author

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**Research Support** | Funded Grants as Principal Investigator

2020-2021	Ball State University   ASPIRE Junior Faculty Research Grant   Project title: “Proprioceptive Decline and Floor-Slant Awareness in Older Adults”   \$15,000
2019-2020	Ball State University   Teacher-Scholar Research Grant   Project title: “Gender differences in proprioceptive-based navigation”   \$5,000
2018	Eastern Illinois University   College of Sciences Travel Fund Award   \$750
2017	Eastern Illinois University   Summer Research and Creative Activity Award   Project title: “Aging and the perception of slanted floors”   \$4,000
2015	Eastern Illinois University   Early Research Support Grant   \$500
2011-2014	European Commission Marie Curie Grant   FP-PEOPLE-2010-RG   Project # 276798   Project title: “The role of the vertical dimension in memory and navigation”   \$85,207

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**Research Interests**

Perception and memory in the domain of space  
Diversity, individual and sex differences  
Age-related changes in cognition  
Context-dependent memory  
Neurological substrates of spatial representations  
Functional equivalence of sensory modalities

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## **Teaching Experience**

Graduate courses:

- Perception and Cognition

Undergraduate courses:

- Capstone Research Seminar
  - Psychology Seminar: Psychology of Space & Time
  - Cognitive Neuroscience
  - Neuroscience of Development and Aging
  - Cognitive Psychology
  - Introduction to Neuroscience
  - Sensation & Perception
  - Culture & Psychology
  - Research Methods and Experimental Design
  - Introductory Psychology
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## **Thesis Supervision**

Master's Thesis Committee Chair:

- Alex Detrich (2023)
- Katelyn Singer (2021)
- Leanna Pantier (2018)
- Alexandra Hammond (2017)

Honors Thesis Committee Chair:

- Alex Detrich (2021)
  - Alex Epperly (2021)
  - Abigail Crowne (2019)
  - Jamie Swan (2019)
  - Josie Clark (2018)
  - Samantha Boomgarden (2018)
  - Jacob Johnston (2016)
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## **Awards for Students under my Mentorship**

**Ball State University**

ASPIRE Graduate Student Research Grant | Alex Detrich (grad) | 2022  
ASPIRE Undergraduate Student Research Grant | Alex Detrich (undergrad) | 2020  
ASPIRE Student Travel award | Sam Carpenter (grad) | 2019  
ASPIRE Student Travel award | Somer Johnson (grad) | 2019  
ASPIRE Student Travel award | Greg Gilliland (undergrad) | 2019  
ASPIRE Student Travel award | Viveka Melo (undergrad) | 2019

## **Eastern Illinois University**

Undergraduate Research, Scholarship, and Creative Activities award | Josie Clark (undergrad) | 2018  
Graduate Student Investigator award | Leanna Pantier (grad) | 2018  
Bailey award | Alex Hammond (grad) | 2017

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## **Service**

### **Ball State University**

Department level:

Undergraduate Curriculum Committee

- Chair 2020 -
- Member 2019 – 2020

Graduate Committee, Member 2021 -

Department NTL Search Committee, Member and Recorder 2021 – 2022

Department Chair Search Committee, Member 2020 – 2021

Department Chair Election Committee, Member 2020

Faculty Advisor, since 2018

University level:

Advisory Council on Scholarship, Member 2022 -

Undergraduate Education Committee, Member 2021 -

Teacher-Scholar Program Mentor, 2021 -

Faculty Council, Member 2019 – 2021

Admissions & Credits Committee (Faculty Council Subcommittee), Member 2019 – 2020

University Senate, Member 2019 – 2020

### **Editorial Activity**

Section Editor of *Cognitive Processing*, since 2020

Consulting Editor of *Cognitive Processing*, 2016 - 2020

Ad-Hoc Reviewer for: *JEP:LMC*, *Memory & Cognition*, *Quarterly Journal of Experimental Psychology*,  
*Journal of Comparative Psychology*, *PLOS ONE*, *CR:PI*, *Cognition*

Co-editor of special issue of *Cognitive Processing*, vol.13, August 2012

### **Scientific Organizations**

Executive Committee member of *Mid-America Undergraduate Psychology Research Conference (MAUPRC)*, since 2019. Yearly conference. Programming Co-Director since 2022.  
Scientific Committee member of *International Conference on Spatial Cognition (ICSC)*, Rome, Italy, since 2012. Conferences held every 3 years.  
Symposium Convenor “Perception and Representation of Vertical Spaces”: *International Conference on Spatial Cognition, Rome, Italy, 4-9 September 2012*.  
Symposium Convenor “How Vertical Spaces Are Perceived and Represented”: *Cognitive Science Society annual Meeting, Sapporo, Japan, 1-4 August 2012*.  
Organizer and Chair of the Doctoral Colloquium: *Spatial Cognition International Conference, Mt. Hood, Portland, OR, 15-19 August 2010*.

### **Service to the Local Community**

BSU Friendship Family Program, Member since 2019

### **Previous Service at Eastern Illinois University**

Academic Advisor for undergraduate majors in Psychology (~30 students per semester), 2015-2018  
International Education Council, Member 2014-2017, Chair 2017-2018  
Neuroscience Major Curriculum Committee, Chair 2016-2018  
Psychology Club, Advisor 2017-2018  
Research Participation Program Departmental Committee, Member 2014-2018, Chair 2017  
Student Fee Apportionment Board, Member 2015-2016  
IACUC, Member 2015-2018  
Online Psychology B.A. Committee, Member 2016-2017  
Study Abroad Coordinator Search Committee, Member 2018  
Technology/Equipment Departmental Committee, Member 2014-2018  
Psychology Doctoral Program Committee (Sapienza University), Member 2012-2014

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### **Professional Development**

Ball State University | Internationalization Faculty Fellow Program | I initiated a bilateral exchange agreement with John Cabot University | 2022-2023  
Ball State University | SPA Fellows Program | 2018-2019  
Ball State University | New Faculty Academy | 2018

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### **Professional Membership**

Psychonomic Society  
ECoNA Inter-university Center for Research and Services  
Midwestern Psychological Association  
Association for Psychological Science

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### **Peer-reviewed Conference Presentations**

- Detrich, A.\*, Pellegrino, A.\*, Price, K.\*, & Nardi, D. (2022, May). Floor-Slant Perception in Older Adults. *Association Psychological Science Annual Conference, Chicago, IL.*
- Coppola, V.J., Nardi, D., & Bingman, V.P. (2022, April). A preliminary investigation of the cholinergic hypothesis of cognitive aging in birds. *Ohio Academy of Science Annual Meeting, Findlay, OH*
- Nardi, D., & Singer, K.J.\* (2022, April). Distance Perception during a Pandemic: The Effect of Mask-Wearing. *Annual Meeting of the Midwestern Psychological Association, Chicago, IL.*
- Singer, K.J.\*, & Nardi, D. (2021, November). The influence of Mask-Wearing in Distance Perception. *Psychonomic Society, Virtual Meeting.*
- Nardi, D., Singer, K.J.\*, & Price, K.M.\* (2021, April). Spontaneous Slant-Guided Blind Navigation. *Annual Meeting of the Midwestern Psychological Association, Virtual Meeting.*
- Singer, K.J.\*, & Nardi, D. (2020, November). Non-Visual Spatial Navigation: A Field Study. *Psychonomic Society, Virtual Meeting.*
- Nardi, D., Carpenter, S.E.\*, & Johnson, S.R.\* (2020, April). Encoding of Geometry in Auditory-Guided Spatial Reorientation. *Annual Meeting of the Midwestern Psychological Association, Chicago, IL. (Conference cancelled for Coronavirus pandemic)*
- Carpenter, S.E.\*, Johnson, S.R.\*, Gilliland, G.A.\*, Melo, V.L.\*, & Nardi, D. (2019, November). Incidental Encoding of Geometry in Auditory-Based Spatial Reorientation. *Psychonomic Society, Montreal, Canada.*
- Nardi, D., Twyman, A.D., Holden, M.P., & Clark, J.M.\* (2019, April). Functional Equivalence in Spatial Reorientation? *Annual Meeting of the Midwestern Psychological Association, Chicago, IL.*
- Nardi, D., Clark, J.M.\*, Holden, M.P., & Twyman, A.D. (2018, November). Encoding of Certain and Ambiguous Cues in Auditory-Guided Reorientation. *Psychonomic Society, New Orleans, LA.*
- Nardi, D., Anzures, B.J.\*, Clark, J.M.\*, & Griffith, B.V.\* (2018, May). Spatial Reorientation with Non-Visual Cues: Failure to Use White Noise. *Association for Psychological Science Annual Convention, San Francisco, CA.*
- Hammond, A.G.\*, & Nardi, D. (2017, May). No Evidence of Context Effects of Physical Activity on Object Location Memory. *Association for Psychological Science Annual Convention, Boston, MA.*
- Nardi, D., & Johnston, J.R.\* (2017, April). Sex difference in non-visual spatial reorientation. *89<sup>th</sup> Annual Meeting of the Midwestern Psychological Association, Chicago, IL.*



- Ganczarek, J., Nardi, D., & Olivetti-Belardinelli, M. (2016, December). Am I here or there? Space and action in aesthetic experience. *A Body of Knowledge: Embodied Cognition and the Arts Conference, Irvine, CA.*
- Nardi, D., Johnston, J.R.\*, & Guenther, B.A. (2016, November). Exploring the role of effort and sex in non-visual location memory. *Psychonomic Society, Boston, MA.*
- Ganczarek, J.\*, Ruggieri, V., Olivetti-Belardinelli, M., & Nardi, D. (2015, September). Intersection of reality and fiction in art perception. *6<sup>th</sup> International Conference on Spatial Cognition: Space and Situated Cognition, Rome, Italy.*
- Nardi, D., Holmes, C.A., Newcombe, N.S., & Weisberg, S.M. (2015, September). More on the ability to use slope for navigation: evidence from children. *6<sup>th</sup> International Conference on Spatial Cognition: Space and Situated Cognition, Rome, Italy.*
- Nardi, D., Meloni, R.\*, & Olivetti-Belardinelli, M. (2013, August). Where is uphill? The contribution of visual cues for slope detection in 2D images. *European Society for Cognitive Psychology conference, Budapest, Hungary.*
- Ganczarek, J.\*, Ruggieri, V., Olivetti-Belardinelli, M., & Nardi, D. (2013, August). Interaction of perception and imagination in pictorial space experience. *1<sup>st</sup> International Conference on Aesthetics and The Embodied Mind, Delmenhorst, Germany.*
- Holmes, C.A., Newcombe, N.S., Weisberg, S.M., & Nardi, D. (2013, April). Hitting the Slopes: Children's Use of Gradient Cues in Reorientation. *Society for Research in Child Development Biennial Meeting, Seattle, WA.*
- Weisberg, S.M., Nardi, D., Newcombe, N.S. & Shipley, T.F. (2012, November). Sensing the slopes: Sensory modality effects on a goal location task. *Psychonomic Society, Minneapolis, MN.*
- Nardi, D. (2012, September). Does terrain slope really dominate goal searching behavior? *5<sup>th</sup> International Conference on Spatial Cognition: Space and Embodied Cognition, Rome, Italy.*
- Nardi, D., Newcombe, N.S., & Shipley, T.F. (2012, August). Representing vertical spaces: a case of sex differences in spatial abilities. *Cognitive Science Society Annual Conference, Sapporo, Japan.*
- Nardi, D., Newcombe, N.S., & Shipley, T.F. (2011, May). Individual Differences in Reorientation. *Association for Psychological Science Annual Convention, Washington, DC.*
- Nardi, D., Newcombe, N.S., & Shipley, T.F. (2010, August). The Role of Slope in Human Reorientation. *Spatial Cognition International Conference, Mt. Hood, Portland, OR.*

- Schinazi, V.R., Epstein, R.A., Nardi, D., Newcombe, N.S., & Shipley, T.F. (2009, November). The acquisition of spatial knowledge in an unfamiliar campus environment. *Psychonomic Society, Boston, MA.*
- Nardi, D., Funk, A.Y.\*, Newcombe, N.S., & Shipley, T.F. (2009, September). Reorientation by Slope Cues in Humans. *4<sup>th</sup> International Conference on Spatial Cognition, Rome, Italy.*
- Nardi, D., Funk, A.Y.\*, Newcombe, N. S., & Shipley, T.F. (2009, May). Reorientation by Slope Cues in Humans. *Conference of the International Mind, Brain and Education Society, Philadelphia, PA.*
- Nardi, D., Funk, A.Y.\*, Newcombe, N.S., & Shipley, T.F. (2009, April). Reorientation by Slope Cues in Humans. *NSF Annual Site Visit for the Spatial Intelligence and Learning Center (SILC), Philadelphia, PA.*
- Nardi, D., Newcombe, N.S., & Shipley, T.F. (2009, February). The Salience of Slope Information for Goal Location. *Second Annual Inter-Science of Learning Center Student and Post-Doc Conference, Seattle, WA.*
- Nardi, D., & Bingman, V. P. (2008, November). The relationship between geometric shape and slope for the representation of a goal location in pigeons (*Columba livia*). *Spatial Learning in Geography Workshop, National Geographic Society, Washington, D.C.*
- Nardi, D., & Bingman, V. P. (2008, March). Pigeon encoding of a goal location: The relative importance of boundary geometry and the vertical dimension of slope. *Annual International Conference on Comparative Cognition, Melbourne Beach, FL.*
- Nardi, D., & Bingman, V.P. (2007, November). How pigeons encode geometry on a slope. *Poster session presented at the Bowling Green State University Research Conference, Bowling Green, OH.*
- Bingman, V.P., & Nardi, D. (2006, March). The avian hippocampus: space or spatial salience? *Annual International Conference on Comparative Cognition, Melbourne Beach, FL.*
- Nardi, D., Benvenuti, S., & Dall'Antonia, L. (2004, September). Foraging strategies of seabirds studied with data-logger. *National Meeting of the Italian Society of Ethology (SIE), Padova, Italy.*

\*Supervised Student Co-author

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### **Invited Talks**

- Nardi, D. (2022, April). Undergraduate Research and Mentorship. *Invited speaker, High Impact Practices Faculty Learning Community, Ball State University, IN.*
- Nardi, D. (2021, March). Culture Exchange Program: Culture and Behavior in Italy. *Invited speaker, Rinker Center for International Programs, Ball State University, IN.*

- Nardi, D. (2018, October). Overview of Spatial Reorientation with Non-Visual Cues. *Invited speaker, Department of Psychological Science Speaker Series, Ball State University, IN.*
- Nardi, D., Anzures, B.J.\*, Clark, J.M.\*, & Griffith, B.V.\* (2018, March). Spatial Reorientation with Non-Visual Cues: Failure to Use Auditory Information. *Invited speaker, Bowling Green State University, OH.*
- Nardi, D., Anzures, B.J.\*, Clark, J.M.\*, & Griffith, B.V.\* (2017, June). Reorientation with Non-Visual Cues: Failure to Use Auditory Information. *Invited speaker, University of Pisa, Pisa, Italy.*
- Nardi, D. (2016, June). Exploring the role of effort and sex in non-visual location memory. *Invited speaker, Sapienza University of Rome, Rome, Italy.*
- Nardi, D. (2011, January). The World Is Not Flat: How Space Is Represented on Sloped Surfaces. *Invited speaker, The University of Chicago, Chicago, IL.*
- Nardi, D. (2011, January). The World Is Not Flat: How Space Is Represented on Sloped Surfaces. *Invited speaker, Northwestern University, Evanston, IL.*
- Nardi, D. (2010, March). The World Is Not Flat: How Space Is Represented on Sloped Surfaces. *Invited speaker, BGSU, Bowling Green, OH.*

\*Supervised Student Co-author

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### **Undergraduate Student Sponsored Presentations**

- Campbell, A., Maxwell, K., & Detrich, A. (2022, April). COVID-19 Anxiety and Its Effect on Proximity Estimation. *Ball State University Student Symposium, Muncie, IN.*
- Savage, C.J., Yantz, R.J., & Huber, R.N. (2022, April). Floor-Slant Perception. *Mid-America Undergraduate Psychology Research Conference, Richmond, IN.*
- Huber, R.N. (2022, April). Individual Differences in Floor Slant Perception. *Ball State University Annual Teacher-Scholar Celebration, Muncie, IN.*
- Epperly A. (2021, April). Cognitive effects of individual differences in sensory processing sensitivity. *Ball State Student Symposium, Virtual Meeting.*
- Detrich, A. N. (2021, March). Examining Gender Identity in Spatial Ability: Influences on Mental Rotation Tasks, Spatial Anxiety Scales, and Spatial Memory Tasks. *Mid-East Honors Association Conference, Virtual Meeting.*
- Detrich, A. N. (2021, April). Examining Gender Identity in Spatial Ability: Influences on Mental Rotation Tasks, Spatial Anxiety Scales, and Spatial Memory Tasks. *Ball State Student Symposium, Virtual Meeting.*

- Detrich, A. N. (2021, April). Examining Gender Identity in Spatial Ability: Influences on Mental Rotation Tasks, Spatial Anxiety Scales, and Spatial Memory Tasks. *Midwest Undergraduate Cognitive Science Conference, Virtual Meeting.*
- Detrich, A. N. (2021, April). Examining Gender Identity in Spatial Ability: Influences on Mental Rotation Tasks, Spatial Anxiety Scales, and Spatial Memory Tasks. *Mid-America Undergraduate Psychology Research Conference, Virtual Meeting.*
- Pairitz, A., Hatheway, K., Bryant, J., Johnson, J., Price, K., Singer, K., & Young, K. (2020, April). Sex Differences in Non-Visual Spatial Cognition. *Mid-America Undergraduate Psychology Research Conference, Virtual Meeting.*
- Singer, K., Young, K., Bryant, J., Hatheway, K., Johnson, J., Pairitz, A., & Price, K. (2020, April). Sex differences in blind navigation. *Ball State Student Symposium, Muncie, IN. (Conference cancelled for Coronavirus pandemic)*
- Price, K., Bryant, J., Johnson, J., Hatheway, K., Pairitz, A., Singer, K., & Young, K. (2020, April). Sex Differences in Navigation Using Non-Visual Cues. *Butler University's Undergraduate Research Conference, Indianapolis, IN. (Conference cancelled for Coronavirus pandemic)*
- Gilliland, G.A., Melo, V.L., Carpenter, S.E., & Johnson, S.R. (2019, April). Incidental Encoding of Auditory-Based Geometry. *Ball State University Student Symposium, Muncie, IN.*
- Melo, V.L., & Gilliland, G.A. (2019, April). Incidental Encoding of Auditory-Based Geometry. *Annual Mid-America Undergraduate Psychology Research Conference, Franklin, IN.*
- Crowne, A., & Swan, J. (2018, April). Physical Activity as a Context for Memory. *Annual Mid-America Undergraduate Psychology Research Conference, Charleston, IL.*
- Clark, J.M. (2018, April). Spatial Reorientation with Auditory Cues: Do Humans Encode Ambiguous Stimuli? *Annual Mid-America Undergraduate Psychology Research Conference, Charleston, IL.*
- Clark, J.M. (2018, April). Spatial Reorientation with Auditory Cues: Do Humans Encode Ambiguous Stimuli? *National Conference on Undergraduate Research, Edmond, OK.*
- Clark, J.M. (2018, April). Spatial Reorientation with Auditory Cues: Do Humans Encode Ambiguous Stimuli? *Annual Meeting of the Midwestern Psychological Association, Chicago, IL.*
- Crowne, A. (2018, April). Physical Activity as a Context for Memory. *Butler University's Undergraduate Research Conference, Indianapolis, IN.*
- Clark, J.M. (2018, March). Spatial Reorientation with Auditory Cues: Do Humans Encode Ambiguous Stimuli? *Student Research and Creative Discovery Conference, Charleston, IL.*

- Crowne, A., & Swan, J. (2018, March). Physical Activity as a Context for Memory. *Student Research and Creative Discovery Conference, Charleston, IL.*
- Pantier, L. (2018, March). Dyslexia-Related Impairments in Auditory-Based Spatial Reorientation. *Student Research and Creative Discovery Conference, Charleston, IL.*
- Boomgarden, S.A. (2017, April). Cognitive Performance and Stereotype Threat. *36<sup>th</sup> Annual Mid-America Undergraduate Psychology Research Conference, Evansville, IN.*
- Anzures, B.J., Clark, J.M., & Griffith, B.V. (2017, April). Spatial Reorientation Using Only Auditory Cues. *36<sup>th</sup> Annual Mid-America Undergraduate Psychology Research Conference, Evansville, IN.*
- Silverman, B.M., & Murphy, E.M. (2017, April). Context Effect of Physical Effort on Object Location Memory. *National Conference on Undergraduate Research, Memphis, TN.*
- Murphy, E.M., & Silverman, B.M. (2017, April). Physical Effort as a Context for Object Location Memory. *Butler University's Undergraduate Research Conference, Indianapolis, IN.*
- Anzures, B.J., Clark, J.M., & Griffith, B.V. (2017, March). Spatial Cognition with Non-Visual Stimuli. *Student Research and Creative Discovery Conference, Charleston, IL.*
- Murphy, E.M., & Silverman, B.M. (2017, March). The Influence of Physical Activity on Spatial Location Memory. *Student Research and Creative Discovery Conference, Charleston, IL.*
- Johnston, J.R. (2016, May). The Role of Effort in Spatial Learning: Evidence from a Non-visual Task. *88<sup>th</sup> Annual Meeting of the Midwestern Psychological Association, Chicago, IL.*
- Johnston, J.R. (2016, April). Sex differences in a non-visual object location memory task. *35<sup>th</sup> Annual Mid-America Undergraduate Psychology Research Conference, Richmond, IN.*
- Duffle, E., & Klein, J. (2016, April). An Eye-Tracking Approach to Studying the Body-Specificity Hypothesis. *35<sup>th</sup> Annual Mid-America Undergraduate Psychology Research Conference, Richmond, IN.*
- Johnston, J.R. (2016, April). Sex differences in a non-visual object location memory task. *Undergraduate Research Conference, Indianapolis, IN.*
- Farris, A.M., & Sven, M.T. (2015, April). Perception of Space in Computer Images. *34<sup>th</sup> Annual Mid-America Undergraduate Psychology Research Conference, Franklin, IN.*
- Johnston, J.R. (2015, April). Testing the Action-Specific Hypothesis Against Slope and Auditory Cues: Which Cue Will Prove to be More Salient During Reorientation? *34<sup>th</sup> Annual Mid-America Undergraduate Psychology Research Conference, Franklin, IN.*
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