

Evan M. Hill, PhD

Curriculum Vitae

Department of Psychology
University of Nebraska at Kearney
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Kearney, NE 68849
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EDUCATION

University of Toledo

PhD, Psychology (Emphasis: Biopsychology and Auditory Neuroscience) 2011

Dissertation: *A Comparison of Behavioral and Auditory Brainstem Response Measures of Hearing in the Laboratory Rat (Rattus norvegicus).*

MA, Psychology

2009

Master's Thesis: *A Comparison of Behavioral and Auditory Brainstem Response Measures of Conductive Hearing Loss in Humans.*

Oklahoma State University

BS, Psychology

2006

RESEARCH INTERESTS

- The origins and purpose of low-frequency auditory sensitivity in birds
- Perception of auditory phenomena in non-human animals
- Automation of behavioral research

CURRENT PROJECTS

- Determination of in-air hearing range and sensitivity of the diamond dove (*Geopelia cuneata*)
- Evaluation of the impact of melatonin on circadian rhythms zebrafish (*Danio rerio*)

PROFESSIONAL POSITIONS

Chair of Psychology, University of Nebraska at Kearney	May '23 – Present
Professor of Psychology, University of Nebraska at Kearney	Aug '24 – Present
Associate Professor of Psychology, University of Nebraska at Kearney	Aug '19 – Aug '24
Associate Chair of Psychology, University of Nebraska at Kearney	Aug '19 – May '23
Assistant Professor of Psychology, University of Nebraska at Kearney	July '14 – Aug '19
Research Associate, University of Toledo	May '13 – June '14
Postdoctoral Research Associate, University of Toledo	Jan '12 – April '13

SERVICE POSITIONS

Associate Internet Editor, Society for the Teaching of Psychology	April '20 – Present
Sigma Xi: Scientific Research Honor Society: Northwest Region Associate Director	July '25 – Present
Institutional Animal Care and Use Committee, University of Nebraska at Kearney	Jan '17 – Present
Sigma Xi: Scientific Research Honor Society: Kearney Chapter President	July '18 – July '23
Sigma Xi: Scientific Research Honor Society: Kearney Chapter Secretary	July '16 – July '18
Professional Conduct Committee, University of Nebraska at Kearney	Oct '20 – Sept '22

TEACHING EXPERIENCE

Associate Professor, University of Nebraska at Kearney General Psychology (PSY 203GS), Human Development (PSY 230GS) Behavioral Statistics (PSY 250), Research Methods I (PSY 270), Research Methods II (PSY 271), Orientation to Psychology (PSY 300), Learning and	July '14 - Present
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Conditioning (PSY 310) Sensation and Perception (PSY 312), Physiological Psychology (PSY 313), Psychopharmacology (PSY 465), Neuropsychology (PSY 470)

Adjunct Instructor, University of Toledo

Jan '12 – May '14

Principles of Psychology (PSY 1010), Lifespan Development (PSY 2510), Statistical Methods (PSY 2100)

Guest Lecturer

University of Nebraska – Kearney

Fall 2017

Topic: What happens in our brain at death? A look at the neurology of the end of life process.

Spring 2018

Spring 2019

Spring 2020

University of Nebraska – Kearney

Fall 2015

Topic: Evolution of the Middle and Inner Ear: Previous findings on the evolution of auditory sensory systems and future research directions

Sigma Xi Scientific Honor Society – Science Café

Spring 2015

Topic: The Science of Hearing: How hearing became a common sensory system and why psychologists should study this phenomenon.

University of Nebraska – Kearney

Spring 2015

Topic: Comparative Hearing Research: What differences exist in hearing ability between species, and what purpose do they serve?

Fall 2022

PUBLICATIONS

Hill, E.M., & Forrest, K D. (2025) The Psychology Orientation Class: An Intentional Update 3.0. *Scholarship of Teaching and Learning in Psychology*. doi: <https://psycnet.apa.org/doi/10.1037/stl0000424>

Hagemeister, M., Hamilton, L., Wandrey, N., Hill, M., Mounce, E., Mosel, N., Lytle, K., Redinger, M., Boley, J., Fancher, N., Haynes, A., Fill, I., Hill, E., Moxley, M., & Thomas, A. (2023). Evaluation of Rhodanine Indolinones as AANAT Inhibitors. *ChemMedChem*. doi: [10.1002/cmdc.202300567](https://doi.org/10.1002/cmdc.202300567)

Westfall, J. E., & Hill, E. M. (2022). Construction of a Research Requirement Participant Pool using Open-Source Software. *Teaching of Psychology*. doi: [10.1177/00986283221088788](https://doi.org/10.1177/00986283221088788)

Venteicher, B., Merklin, K., Ngo, H., Chien, H.-C., Hutchinson, K., Campbell, J., Way, H., Griffith, J., Alvarado, C., Chandra, S., Hill, E., Schlessinger, A., & Thomas, A. (2021). The effects of prodrug size and a carbonyl linker on L-type amino acid transporter 1-targeted cellular and brain uptake. *ChemMedChem*, 15, 1-13. doi: [10.1002/cmdc.202000824](https://doi.org/10.1002/cmdc.202000824)

- Strawn, S., & Hill, E. (2020). Japanese quail (*Coturnix japonica*) audiogram from 16 Hz to 8 kHz. *Journal of Comparative Physiology A*, 206, 665-670. doi: [10.1007/s00359-020-01428-4](https://doi.org/10.1007/s00359-020-01428-4)
- Howerter, D., Larson, J., & Hill, E. (2018). The Behavioral Effects of Oral Psychostimulant Ingestion on a Laboratory Rat Sample: An Undergraduate Research Experience. *Journal of Undergraduate Neuroscience Education*, 17(1), A72-80.
- Hill, E. (2017). Audiogram of the Mallard Duck (*Anas platyrhynchos*) from 16 Hz to 9 kHz. *Journal of Comparative Physiology A*, 203, 929-934. doi: [10.1007/s00359-017-1204-6](https://doi.org/10.1007/s00359-017-1204-6)
- Hill, E., Koay, G., Heffner, R., & Heffner, H. (2014). Audiogram of the chicken (*Gallus gallus domesticus*) from 2 Hz to 9 kHz. *Journal of Comparative Physiology A*, 200, 863-870. doi: [10.1007/s00359-014-0929-8](https://doi.org/10.1007/s00359-014-0929-8)
- Heffner, H., Koay, G., Hill, E., & Heffner, R. (2013). Conditioned suppression/avoidance as a procedure for testing hearing in birds: the domestic pigeon (*Columba livia*). *Behavior Research Methods*, 45, 383-392. doi: [10.3758/s13428-012-0269-y](https://doi.org/10.3758/s13428-012-0269-y)

PROFESSIONAL PRESENTATIONS

- Hill, E. & Forrest, K. D. (2024, April). Updating the standard psychology orientation course using the guidelines for the undergraduate psychology major 3.0. Oral presentation at the 94th annual conference of the Rocky Mountain Psychological Association, Denver, CO.
- Hagemeister, M., Fill, I., Hill, E., Thomas, A. (2023, April). *Zebrafish provide an excellent model for mental health and mood disorder drug discovery*. Poster presented at the 95th meeting of the Midwestern Psychological Association, Chicago, IL.
- Thomas, A.A., Merklin, K., Venteicher, B., Way, H., Ngo, H., Chien, H.-C., Griffith, J., Alvarado, C., Springer, S., Finke, K., Stoner, L., Colas, C., Chandra, S., Hill, E., Schlessinger, A., Giacomini, K. (2021, November). *Effects of size and linker orientation on LAT1-targeted amino acid prodrugs*. Virtual poster presentation at the Sigma Xi Scientific Research Honor Society National Meeting, Niagara Falls, NY.
- Hill, E. (2021, August). *Avian Infrasonic Sensitivity: Niche Ability, or Pervasive Sensory Phenomenon?* Invited guest speaker at the 139th meeting of the American Ornithological Society.
- Collins, A., & Hill, E. (2019, December). *Laboratory Rats (Rattus norvegicus) Detect the Fanssen Effect*. Poster presented at the 178th meeting of the Acoustical Society of America, San Diego, CA.
- Merklin, K., Venteicher, B., Way, H., Griffith, J., Alvarado, C., Springer, S., Finke, K., Stoner, L., Augustyn, E., Ngo, H., Chien, H.-C., Colas, C., Schlessinger, A., Giacomini, K., Chandra, S., Hill, E., & Thomas, A.A. (2019, October). *Investigating the effect of the ester linkage*

between phenylalanine and ketoprofen in a LAT1 targeted prodrug. Poster presented at the 54th Midwest Regional Meeting of the American Chemical Society, Wichita, KS.

Strawn, S., & Hill, E. (2017, December). *Behavioral and electrophysiological assessment of hearing in the Japanese quail (Coturnix japonica).* Oral presentation at the 174th meeting of the Acoustical Society of America, New Orleans, LA.

Hill, E. (2016, December). *Demonstration of limited infrasonic sensitivity in the mallard duck (Anas platyrhynchos).* Poster presented at the 5th Joint Meeting of the Acoustical Society of America and Acoustical Society of Japan, Honolulu, HI.

Hill, E. (2013, April). *Approximating auditory sensitivity using the auditory brainstem response.* Poster presented at the Annual Symposium on Research in Psychiatry, Psychology, and Behavioral Science, Toledo, OH.

Hill, E. (2012, February). *A comparison of behavioral and auditory brainstem response measures of conductive hearing loss in humans.* Poster presented at the Annual meeting of the Association for Research in Otolaryngology, San Diego, CA.

TECHNICAL REVIEWER

Westfall, J. (2021). *Set Up and Manage Your Virtual Private Server.* Apress, Berkeley, CA.

GRANT ACTIVITY

Co-Investigator with Allen Thomas: Serotonin N-Acetyl-Transferase Inhibitors for Circadian Rhythm Disorders: National Institute of Health, Research Enhancement Award, 2022, Funded \$394,781.

Co-Investigator with Nate Bickford: Evolutionary origins of auditory abilities in birds and reptiles: National Science Foundation, Division of Environmental Biology – Core Programs, 2016, Unfunded.

Co-Investigator with Nate Bickford: Comparative evaluation of auditory sensitivity in birds and reptiles: National Science Foundation, Division of Integrative Organismal Systems, 2016, Unfunded.

MENTORED STUDENT AWARDS

Faculty Mentor to Alayna Collins: Robert W. Young Award for Undergraduate Student Research in Acoustics – Acoustical Society of America, 2018, Funded \$380.00

Faculty Mentor to Deanna Howerter: Elizabeth A. Dahl, PhD., Award for Excellence in Undergraduate Research. Awarded for student published research in the Journal of Psychological Inquiry.

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS

Acoustical Society of America	2015 – Present
Association for Psychological Science	2015 – Present
Sigma Xi: Scientific Research Honor Society	2015 – Present
Society for the Teaching of Psychology	2015 – Present