

OUR PROGRAM

Students in the Ph.D. in Educational Neuroscience (PEN) program become experts in at least one cutting edge cognitive neuroscience method (e.g. fNIRS, EEG, and fMRI), study neuroethics, and gain strong critical analysis and reasoning skills in science. Students will develop their own research project under close mentorship from faculty while becoming experts in both neuroimaging and behavioral experimental science.

Students will be trained on how science can be translated for the benefit of education and society in powerful and principled ways. Leadership training is provided through the VL2 Student Network to create professional leaders. PEN is an interdisciplinary program housed in the National Science Foundation-Gallaudet University Science of Learning Center on Visual Language and Visual Learning (VL2) which includes these national resource hubs:

Brain and Language Center for Neuroimaging (BL2)

Early Education and Literacy Lab (EL2)

Motion Light Lab (ML2)

Translation in the Science of Learning Lab (TL2)

PEN students benefit from Gallaudet University's local university consortium, which provides students access to courses taught in the Washington, D.C. area, and a network of cognitive neuroscience labs throughout the world.



START YOUR ONLINE APPLICATION TODAY

gu.live/apply

**FEB
15** **Date of First Consideration**

For more information about the program, visit gu.live/GradPEN.

Questions about the program?

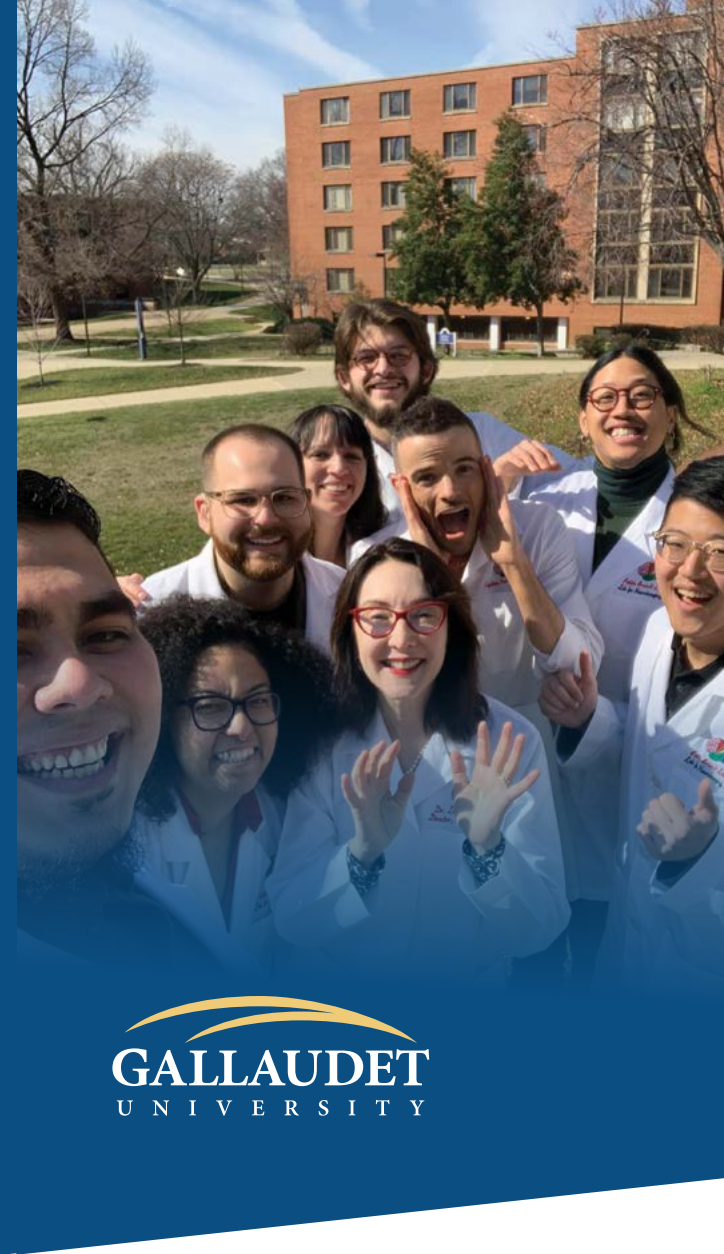


Contact the assistant program director
Dr. Melissa Herzig
edneuroscience@gallaudet.edu

Questions about the application process?



Contact Heidi Zornes-Foster
Graduate Admissions Office
graduate@gallaudet.edu



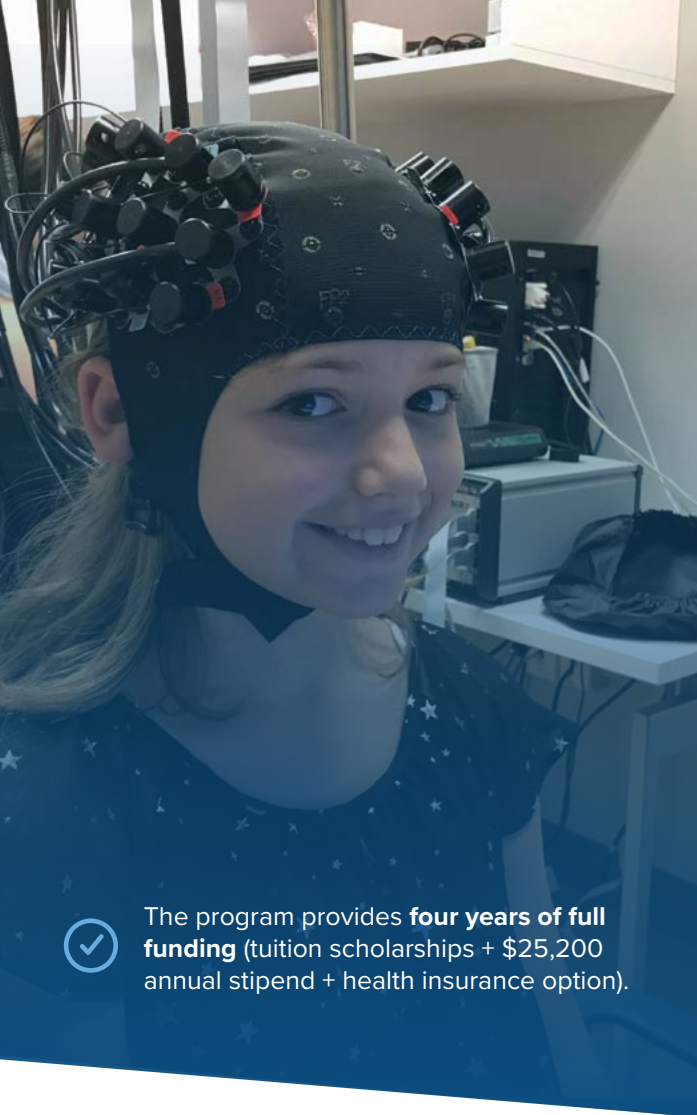
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**Ph.D. in
Educational
Neuroscience**



The program provides **four years of full funding** (tuition scholarships + \$25,200 annual stipend + health insurance option).

PEN students can expect to receive fellowship support through a combination of University and grant funding, direct mentoring support from individual advisors, and opportunities to apply for additional resources through a fund managed by the VL2 Student Network.

The PEN program faculty and directors consist of:

Brain and Language Center for Neuroimaging (BL2)

Dr. Laura-Ann Petitto

Acting Program Director, Chair PEN Steering Committee, Professor

Principal Investigator and Science Director, NSF-Gallaudet Science of Learning Center on Visual Language and Visual Learning (VL2)

Focus: bilingualism in the brain, biological bases of language, language acquisition, cognitive neuroscience, fNIRS, thermal infrared camera, and eye tracking

Translation in the Science of Learning Lab (TL2)

Dr. Melissa Herzig

Assistant Program Director

Focus: translation of science, quality and risk assessments, language and literacy development

Numeracy and Educational Neuroscience Laboratory (NENS)

Dr. Ilaria Berteletti

Assistant Professor

Focus: math and numeracy in the brain, fMRI.

Action & Brain Lab (ABL)

Dr. Lorna Quandt

Assistant Professor

Focus: action, gesture, embodied cognition, visual perception, EEG, virtual reality

Cognitive and Affective Neuroscience Lab (CAN)

Dr. Rachel Pizzie

Assistant Professor

Focus: emotion and anxiety in academic environments, psychophysiology, fMRI.

Brain and Language Center for Neuroimaging (BL2)

Dr. Bradley White

Guest Lecturer, Neuroimaging Scientist

Educational Neuroscience is a growing field that focuses on children's learning and cognitive development. Meaningful discoveries will be communicated with society. Students in our pioneering, bilingual American Sign Language-English program gain state-of-the-art cognitive neuroscience training in how humans learn, with a focus on the neuroplasticity of visual learning.

