How do humans learn through visual language?

How do deaf or signing children learn most optimally?

Are you interested in cognitive and educational neuroscience?

Join the PEN program as we work on the frontiers of educational neuroscience.

The next generation of Educational Neuroscientists starts with YOU!

What do our alumni say?

"...discovering just how **many skills** we've gained through PEN that prepared me so well for this job in ways I never expected!"

- Lauren Berger, Ph.D. (2020)
Dell Technologies

"The PEN Program provides **training** in **state-of-the-art neuro-imaging**, allowing us to conduct **impactful research** and advance in our academic career."

- Sarah Kimbley Ballerini, Ph.D. (2024)
Postdoctoral Fellow San Diego State University

"One of the most impactful parts of the PEN program is the focus on two-way communication between science and society. This emphasis on **community engagement** is found in few, if any, doctoral programs. My experiences engaging with Deaf and HoH community members and parents and teachers of Deaf children ignited my **passion for science** communication and the power of storytelling in science."

- Diana Andriola, Ph.D. (2019)
Science Ed. and Outreach Specialist, NIH

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 program director
Dr. Ilaria Berteletti
edneuroscience@gallaudet.edu.

Questions about the application process?

Contact the Graduate Admissions Office
graduate@gallaudet.edu

GU

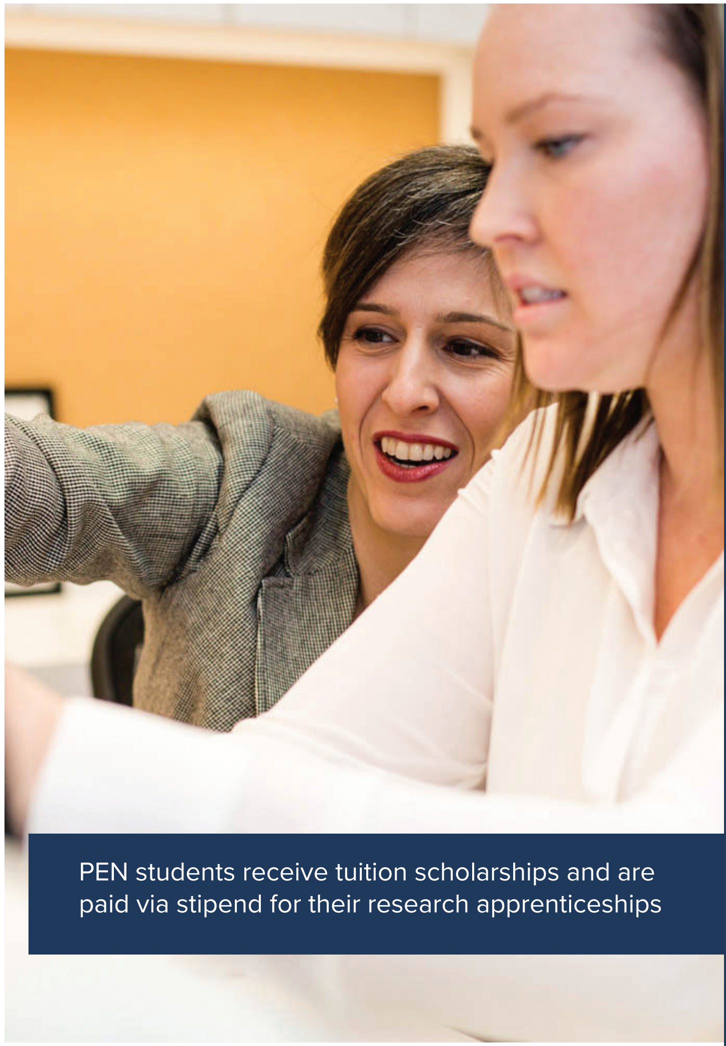
Gallaudet University
800 Florida Avenue N.E.
Washington, D.C. 20002

CONNECT WITH US

gallaudet.edu | @gallaudetu

GALLAUDET UNIVERSITY | Graduate School

Ph.D./Certificate in Educational Neuroscience



PEN students receive tuition scholarships and are paid via stipend for their research apprenticeships

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.

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.

We actively encourage applications from diverse applicants, including deaf and hard of hearing students, students with disabilities, and students from historically marginalized racial/ethnic backgrounds.

EDUCATIONAL NEUROSCIENCE

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 and English program gain state-of-the-art cognitive neuroscience training in how humans learn, focusing on the neuroplasticity of visual learning.

PH.D. IN EDUCATIONAL NEUROSCIENCE

In the Ph.D. in Educational Neuroscience (PEN) program, students embark on a transformative journey, emerging as experts in cutting-edge cognitive neuroscience methodologies such as fNIRS, EEG, psychophysiology, and fMRI. Through a dynamic interdisciplinary curriculum, they delve into neuroethics, honing robust critical analysis and reasoning skills.

Guided by faculty mentorship, students craft and execute their own research projects within their home lab, specializing in neuroimaging and behavioral experimental science. The program further enhances their neuroimaging proficiency by facilitating training in partner labs globally through the Cognitive Neuroscience Lab Rotations.

PEN's commitment to research translation, a cornerstone of the discipline, ensures that students are adept at bridging scientific advancements for the betterment of education and society. This ethos is instilled through comprehensive training on the impactful translation of scientific knowledge.

The VL2 Student Network augments the program by providing leadership training and empowering students to evolve into professional leaders. Situated within the Gallaudet University Science of Learning Center on Visual Language and Visual Learning (VL2), PEN benefits from a collaborative research environment and unparalleled neuroimaging resources. This center, generously funded by the National Science Foundation, offers students in the PEN program unique scientific translation opportunities, fostering a holistic and enriching academic experience.

CERTIFICATE IN EDUCATIONAL NEUROSCIENCE

Unlock the future of learning with our graduate Certificate in Educational Neuroscience at Gallaudet University! Designed for graduate students who want to learn more about the brain sciences and the science behind how humans learn, this cutting-edge program provides deep insights into the reciprocal relationship between learning experiences, cognitive processes and development.

This graduate program is a good fit for graduate students who want to launch their career in neuroscience, or educators and professionals who want to deepen their professional studies through a better understanding of the brain. Our expert faculty will guide you through the latest research and translation to practical applications in educational neuroscience courses. The certificate allows students to tailor their training with interdisciplinary electives.

Coursework for the Certificate in Educational Neuroscience program explores cutting-edge research and practical applications, equipping students with the knowledge and skills to enhance teaching and learning experiences. Students will complete 18 credits in this face-to-face program, including 9 credits of three required core courses and 9 additional credits of elective courses. All credits are designed to be completed in one academic year of full-time study. Students can also complete the Certificate in Educational Neuroscience part-time or with dual enrollment in another graduate program.