

Strictly Hands On!

Banner • ASU Neuroscience Scholars Program



Mind Matters Most

BANNER • ASU NEUROSCIENCE SCHOLARS

Application Process: Opens January 3, 2024

The application deadline date for the Neuroscience Scholars Program is **March 1, 2024**. Selected candidates will participate in an interview process before final selection.

Visit neurosciencescholars.org for more information.

All science images shown are from actual laboratory research performed by Neuroscience Scholars provided courtesy of The Biodesign Institute.



Scholars will conduct basic or clinical research at one of three locations in the Phoenix, Arizona metropolitan area:



Biodesign Institute at ASU's Tempe campus



Banner Alzheimer's Institute



Banner Sun Health Research Institute

To apply for the Banner-ASU Neuroscience Scholars Program please visit neurosciencescholars.org

Banner • ASU Neuroscience Scholars Details

Deadline to apply for summer training program is **March 1, 2024**.

Applications are available at neurosciencescholars.org

PROGRAM FACTS:

Time Commitment:

8-week summer training takes place from June to July (35 – 40 hours per week)

Five program tracks:

- Basic and Translational Neuroscience
- Computational Image Analysis
- Healthy Aging Research
- Brain and Body Donation Program
- Clinical Neurodegenerative Research

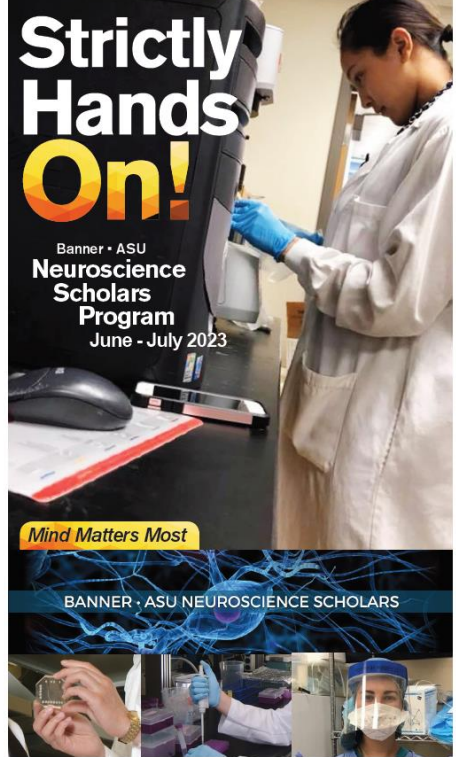
Locations:

Scholars will perform basic or clinical research at one of the following world-class research facilities in the Phoenix, Arizona metropolitan area:

- Biodesign Institute at ASU's Tempe campus (basic laboratory research, neuroscience or cancer)
- Banner Alzheimer's Institute (computational neuroscience imaging research)
- Banner Sun Health Research Institute (basic and clinical neuroscience research)

Other benefits:

- Professional development opportunities
- Laboratory/safety training
- Hands-on paid training (\$500 per week upon successful completion of program)
- Attend educational seminars to learn about the many aspects of neurodegenerative diseases and clinical research
- Creation of a scientific poster to showcase project outcomes and presentation of research at the concluding symposium



Mind Matters Most

BANNER • ASU NEUROSCIENCE SCHOLARS



Program generously funded by the Robert E. Schneider Foundation.

Strictly Hands On!

Banner • ASU Neuroscience Scholars Program

Banner-ASU Neuroscience Scholars Program

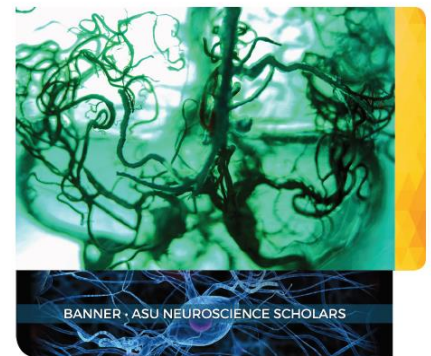
The Banner-ASU Neuroscience Scholars is a paid, eight-week training program, originally founded in 2003 by Banner Research and is designed to increase students' interest and literacy in science and research by expanding their learning experiences beyond the traditional classroom.



Mind Matters Most

Participants will help researchers unlock neuroscientific medical mysteries.

This training program offers top achieving college undergraduate and graduate science students the opportunity to work and learn alongside nationally renowned physicians and researchers to unlock medical and scientific mysteries in the areas of Alzheimer's disease, Parkinson's disease and other neurodegenerative diseases, in a lab setting in the Greater Phoenix metropolitan area.



BANNER • ASU NEUROSCIENCE SCHOLARS

Goal: The overall aim is to give scholars cutting-edge, hands-on experience in biomedical and clinical neuroscientific research. Past participants have gone on to achieve success and shared impressive accomplishments, including scientific abstract and manuscript publications, top national student rankings, acceptance into top-rated graduate and medical schools and national awards and scholarships.

Opportunity: The summer program provides an opportunity to work in a scientific and medical research environment, showcasing the latest equipment and techniques. Expert mentors will provide participants with hands-on instruction in basic scientific techniques, which may include solution preparation, pipetting, microscopy, centrifugation, cell culture, and experimental design and analysis. These techniques will be taught in the context of the students' participation in ongoing research projects and protocols that can be completed during the program, with oversight by faculty at each participating facility.