



# BridgeUSA



## STEM Initiative:

### Placement Examples

Below are some real-life examples of how sponsors are implementing the STEM Initiative, based on a March 2023 data snapshot. All exchange visitors are on a STEM exchange connected to a Classification of Instructional Programs (CIP) code on the DHS STEM Designated Degree Program List: <https://www.ice.gov/sites/default/files/documents/stem-list.pdf>

### Research Scholar

- ★ A biotechnology corporation partners with an international student exchange organization to host a Research Scholar from Finland in the field of cancer biology.
- ★ A university sponsors a Research Scholar from Spain hosted by a NASA research center in the field of astronautical engineering.
- ★ A university sponsored Research Scholar in the field of molecular genetics and genomics is hosted by a not-for-profit plant science research center.
- ★ A battery technology corporation hosts a Research Scholar in the field of battery materials engineering, sponsored by an international exchange organization
- ★ A personal genomics company hosts a Research Scholar in the field of cardiovascular science.

### Specialist

- ★ A personal protective equipment manufacturing company hosts a manufacturing engineering Specialist from Sri Lanka who advises on technical aspects of glove manufacturing and product development.
- ★ A magazine and television company hosts a Specialist from the United Kingdom to share expertise in marine biology and environmental research.
- ★ A television network hosts a Specialist from the United Kingdom to be a content contributor and subject-matter expert in the field of geology and earth science.
- ★ A technology corporation hosts a Specialist from Italy in the field of computer semiconductor engineering.

### College/University Student Intern

- ★ A supply chain operations and logistics company hosts a university sponsored College/University Student Intern from the Republic of Korea in the field of engineering.
- ★ A hospital hosts a university sponsored College/University Student Intern from Japan in the field of neurology.
- ★ A national research institute hosts a College/University Student Intern from Germany in the field of cellular and molecular biology.

## Short-Term Scholar

- ★ Through an international arts organization sponsor, an art museum hosts a Short-Term Scholar from India in the field of animation, interactive technology, video graphics, and special effects animation.
- ★ A fermentation research and development company hosts a Short-Term Scholar from Denmark to conduct research to improve the performance and fermentation characteristics of yeast strains.
- ★ A science foundation partners with an international exchange organization to host a Short-Term Scholar from Japan in the field computational astrophysics.
- ★ A university sponsors a Research Scholar in the field of astronomy and astrophysics to study solar flares at a NASA flight center.
- ★ A not-for-profit applied science and technology development company hosts a Research Scholar from India in the field of chemical engineering hosted by a U.S. Department of Energy research laboratory.

## Intern

- ★ An agricultural consulting firm partners with a university to host a plant protection and integrated pest management Intern from Guatemala.
- ★ Through a partnership with a university, a seed company hosts an Intern focused on agricultural and horticultural plant breeding.

- ★ Through their connections with a business association, an automotive and power generation company hosts a Trainee from Germany in the field of mechanical engineering and manufacturing.
- ★ A healthcare research corporation hosts an image processing and algorithm development Intern from the Netherlands.
- ★ A solar power and energy storage company hosts an Intern from Ireland in the field of energy systems engineering.
- ★ A zoo partners with a cultural exchange organization to host a wildlife biology Intern from the United Kingdom.
- ★ A dairy production farm partners with a university to host a dairy science Intern from Haiti.

## Trainee

- ★ A software company hosted a Trainee in the field of computer software engineering after partnering with a business association who provided sponsorship.
- ★ A steel manufacturing company hosts an industrial engineering Trainee from Mexico, sponsored by a professional membership organization.
- ★ A car manufacturing corporation partners with an international exchange organization to host a computer software engineering Trainee from Japan.
- ★ A shipping logistics software company hosts a Trainee from France in the field of artificial intelligence.



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