

Opportunity Title: Scientific Visualization Studio Researcher

Opportunity Reference Code: 0275-NPP-NOV23-GSFC-EarthSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0275-NPP-NOV23-GSFC-EarthSci

How to Apply All applications must be submitted in [Zintellect](#)

Application Deadline 11/1/2023 6:00:00 PM Eastern Time Zone

Description Description:

Work with the Scientific Visualization Studio (SVS) to:

- 1) Provide scientific consultations about ongoing SVS visualizations and datasets
- 2) Learn the process that SVS uses to create high quality scientific data visualizations. This includes: learning how to process science data for importing into 3d animation software; how to use the 3d animation software to develop cinematic visualizations; and, how to render the animations on the SVS render farm.
- 3) Learn how to develop hyperwall visualizations that can be used both for scientific research as well as public education purposes.
- 4) Produce several high quality visualizations (e.g., perhaps of El Niño) and release them via the SVS web site. This often involves consulting with science writers, producers, domain scientists, and social media specialists.
- 5) Leverage existing relationships with scientists at GMAO and other labs such as ocean color/ocean ecology lab to continue collaborating on science projects and help advance research and discovery through high quality visualization tools.
- 6) Communicate produced visualizations by publishing them to the SVS web site, through Goddard Communications, and/or through conference presentations.

Field of Science: Earth Science

Advisors:

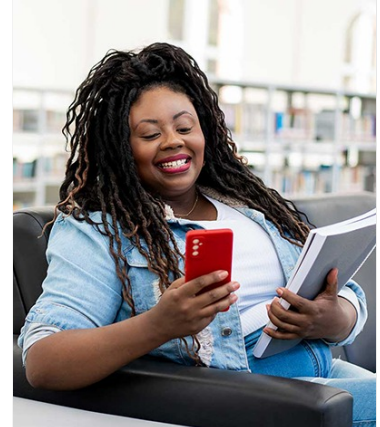
Gregory Shirah
(443) 676-1649
Greg.shirah@nasa.gov

Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States.?A complete list of Designated Countries can be found at:

<https://www.nasa.gov/oirr/export-control.> ?

Eligibility is currently open to:

- U.S. Citizens;



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- U.S. Lawful Permanent Residents (LPR);
- Foreign Nationals eligible for an Exchange Visitor J-1 visa status; and,
- Applicants for LPR, asylees, or refugees in the U.S. at the time of application with 1) a valid EAD card and 2) I-485 or I-589 forms in pending status

**Eligibility
Requirements**

- **Degree:** Doctoral Degree.