

Research Experiences for Undergraduates

Physical Sciences Programs

May 29 - to August 3, 2018

Program Deadline – February 5, 2018

The Research Experiences for Undergraduates (REU) program in Physical Sciences is funded by the U.S. National Science Foundation and has been in place for over 15 years. Our program brings approximately eight students to the American Museum of Natural History in New York City each summer for a ten-week experience conducting research with our curators, faculty, and postdoctoral fellows in astronomy and in earth and planetary science. In addition to conducting original research projects throughout the summer, students receive training in ethics, networking, communication and other career-building skills. At the conclusion of the internships, students deliver oral presentations of their work and prepare publication quality research papers.

Who Should Apply:

All students in the program must be U.S. citizens, U.S. nationals or permanent residents of the U.S. Students must be entering or continuing in an Associates or Baccalaureate degree program following their summer internship; you must have at least one more semester remaining in college to complete your undergraduate degree after Summer 2016. As part of the National Science Foundation's commitment to broadening participation in STEM fields, we especially encourage students who come from community colleges, undergraduate-only institutions, and minority-serving institutions to apply.

Links to Projects

- Physical Sciences for 2018 (includes Earth and Planetary Sciences and Astrophysics): <http://tinyurl.com/PS-REU-Projects>

Deadlines

- Physical Sciences: February 5, 2018

Funding

Students receive a \$5000 traineeship stipend, as well as per diem cost for housing and meals, relocation expenses, and transportation subsidies. Housing is made available to all REU interns at nearby Columbia University.

Application Process

- Applications must be completed online. The link is:
 - All documents **must be converted to PDF** before uploading to the document center and submitted online. On some systems you can write a document to a PDF using the 'print' and 'print to file' option. You can also use one of many free online document converters such as freepdfconvert.com, PrimoPDF, or Neevia Document Converter. You should also have the latest Adobe Reader to complete the PDF forms: <http://www.adobe.com/>. Whichever method you choose, we advise you to check your document before uploading.
 - **Complete Steps 1-8, then hit the submit application button.** Please disregard the High School information, include only your college information. Do NOT stop at **STEP 5**, continue on through to Step 8 and submit your application. Once you have done this, the Document Center will appear on your left. Click on it and the application materials will come up on your screen. ****Be sure to upload the correct documents in pdf format. Once you upload your documents, changes cannot be made.**
- Note: If you are a duplicate applicant (previously applied), you will get the following message:
Our system recognized you as a duplicate entry. We will contact you by email shortly and send you a link to the documents that you will need to complete to apply for your specific program. If you need to contact us, at please call us at 1-212-769-5055 or 1-212-769-5017.*
- The online application and **all documents must** be uploaded to our website by 11:59pm, EST on February 5, 2018 for Physical Sciences.

Documents Required (**Please READ Instructions BEFORE application submission**)

- 1) **PS REU Application form:** Please complete this form in its entirety and provide all information requested. Convert document to a PDF and upload to the document center.
- 2) **REU Project Selection, Research Experience and Goals:** Select the projects you would like to work on. Please answer the questions listed on this page and explain your research experience and goals. **Convert document to a PDF and upload to the document center.**
- 3) **References and Course work: List 2 references.** Do NOT provide reference letters. We will only contact references for finalists. Also, submit a list of course work relevant to the specific project. **Convert document to a PDF and upload to the document center**
- 4) **Unofficial Transcripts:** Go to your institution's website and download a copy of your transcript. **Convert document to a PDF and upload to the document center.**
- 5) **Other documents:** You may upload other documents in support of your application. (e.g., Resume, Publication etc) **Convert document to a PDF and upload to the document center.**

Note: Please be advised if the instructions are not followed correctly and the application is missing any information, it will not be considered. ***Be sure to upload the correct documents in pdf format. Once you upload your documents, changes cannot be made.**

For questions regarding this application process, please contact Maria Rios, Assistant Director for Student Affairs and Fellowships, 212-769-5017 or mrrios@amnh.org

Notice of Non-Discrimination

The American Museum of Natural History is an Equal Opportunity/Affirmative Action Employer. The Museum does not discriminate with respect to employment, or admission or access to Museum facilities, programs or activities on the basis of race, creed, color, religion, age, disability, marital status, partnership status, gender, sex, sexual orientation, gender identity, gender expression, genetic information, pregnancy, alienage or citizenship status, current or former participation in the uniformed services, status as a veteran, or national or ethnic origin, or on account of any other basis prohibited by applicable City, State, or Federal law. If special accommodations are needed in applying for a position, please call the Office of Human Resources. Inquiries or complaints regarding any form of harassment, discrimination or retaliation may be directed to Dan Scheiner, Vice President of Human Resources, Title IX Coordinator, and EEO Coordinator at dscheiner@amnh.org or 212-769-5109, or Kala Harinarayanan, Senior Director of Environmental Health & Safety, Deputy Title IX Coordinator and Deputy EEO Coordinator at kala@amnh.org or (212)769-5226. Individuals may also file complaints, as applicable, with the U.S. Department of Education's Office of Civil Rights, which has its regional enforcement office at Office for Civil Rights, U.S. Department of Education, 32 Old Slip, 26th floor, New York, NY 10005-2500, 646-428-3900, or OCR.NewYork@ed.gov and/or the Equal Employment Opportunity Commission, located at 33 Whitehall Street, 5th floor, New York, NY 10004, 800-669-4000.