

NASA GSFC Office of Education is currently seeking High School STEM educators to participate in the year long NASA GISS Climate Change Research Initiative located at the NASA Goddard Institute for Space Studies in New York City.

Program Description: The NASA GISS Climate Change Research Initiative (CCRI) is a year long STEM engagement opportunity for STEM educators to work directly with NASA scientists, lead research teams and develop STEM curriculum for their current classes. Educators participating in this opportunity will become associate researchers at the NASA Goddard Institute for Space Studies and STEM education experts whom will integrate NASA education resources and content into their classroom while improving STEM education within their community.

During the fall and spring term of CCRI the research team will consist of NASA Principal Investigators whom will lead graduate level interns and high school educators to become immersed in a NASA science research area of study related to climate change. During the spring semester the graduate level intern and high school educator will continue to perform NASA research. Additionally, the high school STEM educator will develop an Applied Research STEM Curriculum Unit Portfolio, which will integrate components of their research into a comprehensive unit plan that utilizes NASA education resources while aligning instruction of NASA Science and STEM curriculum to the State, Common Core and Next Generation Science Standards. The teacher will then deliver the STEM curriculum into their classrooms and also provide community outreach STEM engagement events related to their NASA research study.

The fall and spring term will not conflict with the educators' primary schedule, roles or responsibilities at their school site.

During the summer session the primary research team will add an undergraduate intern and high school intern to the CCRI research team where the STEM educator will lead and work collaboratively on a full time basis to complete the research project, create a power point presentation and a scientific poster that will be presented at the NASA Goddard Institute for Space Studies and the CUNY CREST Summer STEM Symposium. The final symposium will have participants from other government agencies, such as the National Science Foundation (NSF), National Oceanic and Atmospheric Administration (NOAA), the United States Department of Education (USDE) and the United States Department of Defense (DoD).

Research Opportunities:

- I. Volcanoes Impact Climate on Local to Global Scale Through Their Emissions**
Dr. Allegra LeGrande

- II. Climate Change in the Hudson Estuary – Past, Present, and Future.**
Dr. Dorothy Peteet

- III. West African Monsoon Climate Modeling**
Matthew Fulakeza

- IV. Urban Climate Adaptation Research: New Technologies, Materials & Thinking.**
Dr. Stuart Gaffin

Duty Location: NASA Goddard Institute for Space Studies (GISS): 2880 Broadway, NY, NY 10025

Time Commitment:

Fall:	October 9 th – December 15 th 2017	5 hours per week for 10 weeks
Spring:	February 5 th –April 15 th 2018	5 hours per week for 10 weeks
Summer:(TBD)	July 2 nd -August 10 th 2018	Full Time 40 hr. per week for 6 weeks

Annual Stipend amount: \$6,375

Application Deadline: September 21, 2015

Submit Applications: To apply for this position, please submit the following materials in your application to **Matthew Pearce: matthew.d.pearce@nasa.gov**

- Resume including cover letter and curriculum vitae. Also provide and indicate which research opportunities you would like to be considered to participate in.
- Two letters of recommendation from supervisor. (Principal, Assistant Principal, Department Chair)
- Attached Application:
- Copy of State or Federal Photo ID

All applicants must be currently employed as full time STEM educators and also be US citizens in order to participate in this opportunity. Applicants should reside within a 50-mile radius from the Goddard Institute for Space Studies located at 2880 Broadway, NY, NY 10025

Please contact Matthew Pearce if you have any questions about this opportunity:

Matthew Pearce
Education Program Specialist
NASA Goddard Space Flight Center-GSFC
NASA Goddard Institute for Space Studies-GISS
2880 Broadway
New York, NY 10025
matthew.d.pearce@nasa.gov
646-419-0144 (c)
212-678-6038 (o)

APPLICANT INFORMATION										
Last Name					First				M.I.	Date
Street Address							Apartment/Unit #			
City					State				ZIP	
Phone					E-mail Address					
Date Available					Social Security No.				Desired Salary	
Position Applied for										
Are you a citizen of the United States?		YES <input type="checkbox"/>		NO <input type="checkbox"/>		If no, are you authorized to work in the U.S.?			YES <input type="checkbox"/> NO <input type="checkbox"/>	
Have you ever worked for this company?		YES <input type="checkbox"/>		NO <input type="checkbox"/>		If so, when?				
Have you ever been convicted of a felony?		YES <input type="checkbox"/>		NO <input type="checkbox"/>		If yes, explain				
EDUCATION										
High School					Address					
From		To		Did you graduate?	YES <input type="checkbox"/>	NO <input type="checkbox"/>	Degree			
College					Address					
From		To		Did you graduate?	YES <input type="checkbox"/>	NO <input type="checkbox"/>	Degree			
Other					Address					
From		To		Did you graduate?	YES <input type="checkbox"/>	NO <input type="checkbox"/>	Degree			
REFERENCES										
<i>Please list three professional references.</i>										
Full Name						Relationship				
Company						Phone				
Address										
Full Name						Relationship				
Company						Phone				
Address										
Full Name						Relationship				
Company						Phone				
Address										

NASA GISS Climate Change Research Initiative CCRI
STEM Educator Recruitment Notice

PREVIOUS EMPLOYMENT			
Company		Phone	
Address		Supervisor	
Job Title	Starting Salary	\$	Ending Salary \$
Responsibilities			
From	To	Reason for Leaving	
May we contact your previous supervisor for a reference? YES <input type="checkbox"/> NO <input type="checkbox"/>			
Company		Phone	
Address		Supervisor	
Job Title	Starting Salary	\$	Ending Salary \$
Responsibilities			
From	To	Reason for Leaving	
May we contact your previous supervisor for a reference? YES <input type="checkbox"/> NO <input type="checkbox"/>			
Company		Phone	
Address		Supervisor	
Job Title	Starting Salary	\$	Ending Salary \$
Responsibilities			
From	To	Reason for Leaving	
May we contact your previous supervisor for a reference? YES <input type="checkbox"/> NO <input type="checkbox"/>			

MILITARY SERVICE	
Branch	From To
Rank at Discharge	Type of Discharge
If other than honorable, explain	

DISCLAIMER AND SIGNATURE	
I certify that my answers are true and complete to the best of my knowledge. If this application leads to employment, I understand that false or misleading information in my application or interview may result in my release.	
Signature	Date