

Educator Recruitment & Application: NASA Climate Change Research Initiative (CCRI)

NASA Goddard Space Flight Center (GSFC) Office of Education is currently recruiting 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 (GISS) 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 curricula 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 who will integrate NASA education resources and content into their classrooms while improving STEM education within their communities.

During the fall and spring term of CCRI, the research team will consist of NASA Principal Investigators who will lead graduate level interns and high school educators to become immersed in a NASA science research area related to climate change. Additionally, the high school STEM educators will develop an Applied Research STEM Curriculum Unit Portfolio that integrates components of their research into a comprehensive unit plan that utilizes NASA education resources and aligns NASA Science and STEM curricula to the Common Core and Next Generation Science Standards. The teachers will then incorporate 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 sites.**

During the summer session, the primary research team will add an undergraduate intern and high school intern to the CCRI research team. The STEM educator will lead and work collaboratively with the entire team on a full-time basis to complete the research project, deliver a PowerPoint presentation, and create 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 include participants from other government agencies, such as the National Science Foundation (NSF), the National Oceanic and Atmospheric Administration (NOAA), the United States Department of Education (USDE), the United States Department of Defense (DoD), and many others.

Research Opportunities:

- I. West African Monsoon Climate Modeling -**
Duty Location: NASA Goddard Institute for Space Studies
Dr. Matthew Fulakeza

- II. Climate Change in the Hudson Estuary – Past, Present, and Future –**
Duty Location: NASA Goddard Institute for Space Studies Lamont–Doherty Earth Observatory
Dr. Dorothy Peteet

- III. Urban Climate Adaptation Research: New Technologies, Materials & Thinking -**
Duty Location: NASA Goddard Institute for Space Studies
Dr. Stuart Gaffin

- IV. What is Past is Prologue: Climate Systems in the Present and Past for Assessing Ice Sheets and Sea Level -**
Duty Location: NASA Goddard Institute for Space Studies
Dr. Allegra LeGrande

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Time Commitment:

Fall:	October 10 th – December 2 nd	5 hours per week for 8 weeks
Spring:	February 6 th – April 7 th	5 hours per week for 8 weeks
Summer:	July 5 th – August 16 th	40 hours per week for 6 weeks

Annual Stipend amount: \$6,000

Application Deadline: September 19th, 2016

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

- Resume including cover letter and curriculum vitae. Also, indicate which research opportunities for which you would like to be considered.
- Two letters of recommendation from a supervisor (Principal, Assistant Principal, Department Chair).
- Attached Application.

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 of 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, Suite 568
New York, NY 10025
matthew.d.pearce@nasa.gov
646-419-0144 (c)
212-678-6038 (o)

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APPLICANT INFORMATION												
Last Name					First Name					M.I.	Date	
Street Address									Apartment/Unit #			
City					State					ZIP		
Phone					E-mail Address							
Position of Interest												
Are you a citizen of the United States?			YES ☐		NO ☐							
Have you ever worked for this company?			YES ☐		NO ☐		If so, when?					
Have you ever been convicted of a felony?			YES ☐		NO ☐		If yes, explain					
EDUCATION												
High School					Address							
From		To		Did you graduate?	YES ☐	NO ☐	Degree					
College					Address							
From		To		Did you graduate?	YES ☐	NO ☐	Degree					
Other					Address							
From		To		Did you graduate?	YES ☐	NO ☐	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												

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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 ☐ NO ☐			
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 ☐ NO ☐			
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 ☐ NO ☐			

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