

Jessica McLaughlin

Objective I aim to research Earth analogs to Martian environments to better understand where life may be found. I am also interested in continuing with informal science education. I would like to create activities for students to do inside and outside the classroom.

Education

2008 – 11	Abington Senior High School	Abington, PA
2011 – 16	Temple University, College of Science and Technology Graduation Date: Dec. 22, 2016 B.S. Earth and Space Science with Teaching GPA: 3.49	Philadelphia, PA

Work Experience

September – November 2014	Fox Chase Library After School Program Instructor <ul style="list-style-type: none"> Homework help; taught crafts and chess 	Fox Chase, PA
November 2014 – April 2017	Temple University CST Dean's Office Informal Science Education Intern <ul style="list-style-type: none"> Lead Instructor for RW Brown CPA Community Center SeaPerch Program Philadelphia Science Fest Activity Lead JSHS Science Fair Activity Lead Informal Science Program Curriculum Developer Office Support 	Philadelphia, PA
April 2017— August 2017	Caring People Alliance RW Brown Community Center <ul style="list-style-type: none"> STEM Coordinator Caring Paws Program Instructor 	Philadelphia, PA
June 2017— Present	Research Assistant Temple University CLA Psychology Department <ul style="list-style-type: none"> Coding and Scanning Data for the 3D cross section sketching high school lab I created in early spring 2017. 	Philadelphia, PA

Research Experience

June – August 2016	Frances Velay Women In Science Research Fellowship <ul style="list-style-type: none"> Research on Martian erosion and morphology, with a focus on timing of water related activity, in the Isidis Planitia Region. 	Philadelphia, PA
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Volunteer Experience

2013 – 15	Briar Bush Nature Center <ul style="list-style-type: none"> PR events, animal care, front desk support 	Abington, PA
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Fall 2013	Academy of Natural Sciences	Philadelphia, PA
	<ul style="list-style-type: none"> Talked with visitors about the Dinosaurs in of the Changing Exhibit 	
2014 – 2016	Franklin Institute Science After Hours	Philadelphia, PA
	<ul style="list-style-type: none"> Initiated Geological Society of Temple University partnership, and led many activities. 	
Spring-Fall 2015	Lenfest Center Star Party	Philadelphia, PA
	<ul style="list-style-type: none"> Guest Astronomer; helped set up telescopes and talk about space with the local community 	

Presentations

March 2017	Lunar and Planetary Science Conference XLVIII	Houston, TX
	<ul style="list-style-type: none"> Poster Presentation: Erosion and Basin Modification of Smaller Complex Craters in the Isidis Region, Mars. 	

Publications

February 2017	Lunar and Planetary Science Conference XLVIII	Houston, TX
	<ul style="list-style-type: none"> Abstract: Erosion and Basin Modification of Smaller Complex Craters in the Isidis Region, Mars. 	
March 2017	GET- Spatial Learning Geoscience Education Transdisciplinary Spatial Learning Network Co-Author of Academic Blog Post: 3D Models and Topographic Maps: A Student Perspective	Philadelphia, PA

Awards

2014 – 15, Summer 2015, Fall 2015	Noyce Scholarship
2015 – 16 2016	Jules J Sheldon, D.D.S. Endowed Scholarship Moran Brennen Memorial Scholarship

Organizations

2013 – Present	Temple University Geological Society, 2015-16 Vice President
2015 – Present	Stem Teach Society, Outreach Coordinator
2015 – Present	Geological Society of America (GSA)
2015 – Present	American Association for the Advancement of Science (AAAS)
2016 – Present	National Association for Geoscience Teachers (NAGT)
2017—Present	American Educational Research Association (AERA)

Skills

- Microsoft Office
- JMARS
- Google Earth
- Google Drive
- Vernier Probes

Interests

- Hiking
- Climbing
- Knitting/Crocheting
- Gardening
- 3D Model in Geoscience Education Research
- Mars/Planetary Research
- Informal Science Education

References

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