



www.projectscientist.org

STEM Teacher Description & Application

Overview:

Project Scientist is looking for outstanding teachers for current or new Project Scientist sites for the 2017 season. The STEM Teachers bring STEM to life for girls using methods that engage and excite them. STEM Teachers provide leadership, mentorship and instructional coaching for groups of 20 students from varying grade levels. Although curriculum is provided, STEM Teachers are expected to bring the curriculum to life by adding their own unique backgrounds and resources to inspire their students take risks, see their failure as key for innovation, develop growth mindset and grit, and encourage exploration and discovery through the sciences. Additionally, STEM Teachers will mentor and work with college STEM Fellows to inspire the next generation of STEM educators and professionals through their example. Teachers will work and collaborate with Project Scientist staff, interact weekly with families and community members, and are representatives of Project Scientist in the communities they serve. STEM Teachers are the heart of our organization and are key in making the vision of Project Scientist a reality by maintaining a creative and fun STEM-orientated environment that powers young girls to develop a deep love of learning and confidence in STEM.

STEM Teacher Responsibilities

Pre-Academy (May-June)

- Take CPR/First Aid class for certification
- Communicate with National Director on Academy updates
- Participate in STEM Teacher specific and full staff training sessions and activities
- Review and internalize Academy curriculum
- Attend a parent orientation night at university site

During Camp (Mid-June-Mid-August - depends on site)

Academy runs for 6 weeks, starting as early as June and ending as late as mid-August, depending on location

- Work part time (9am-3pm) for 6 weeks
- Manage your classroom of up to 20 students engaged in preset STEM curriculum
- Use SciGirls 7 and gender neutral teaching strategies as often as possible
- Collaborate and serve as mentor and leader for college STEM Fellow in your classroom
- Use the Site Director and Assistant Site Director as resources for collaboration, ideas, and situations that may arise
- Understand and show to students the importance of STEM Superstars, Expeditions, and Parent Celebrations

Qualifications/Requirements

- College graduate
- Current State teaching credentials
- Experience working with K-8th grade children, STEM education experience a plus
- Demonstrated leadership experience
- Summers available
- Flexible, trustworthy, creative and positive; a leader who works well in teams, is performance-oriented, inspiring, energetic, organized, detail-oriented, communicative, fun-loving, and a good problem-solver



Rewards of Becoming a Project Scientist STEM Teacher

- **Lasting Positive Impact on Kids, Staff, Families, and Communities:** STEM Teachers develop meaningful, multi-year relationships with staff members, campers and families, and inspire the spark of camp: get girls enthused about STEM, and teach them how to be a friend and have a friend, have fun, and build confidence.
- **Experience:** Not only will you be working for a premier camp organization; you'll be working on prestigious university campuses. Daily interaction with faculty and STEM superstars from well-known STEM corporations will allow you the opportunity to build your network and social capital.
- **Leadership Training & Professional Development:** All STEM Teachers receive great training including gender neutral STEM teaching strategies, classroom management, and more. Additionally, the curriculum used in Project Scientist can be used in your classrooms for years to come.
- **Opportunity:** As Project Scientist grows, we are always looking for successful staff members to promote from within for future leadership opportunities.
- **Financial Reward:** Teachers earn a competitive rate on par with experience and past employment with Project Scientist.

About Us:

At Project Scientist, our promise is to educate, coach, and advocate for girls and women with an aptitude, talent, and passion for STEM. Through engagement of top STEM companies, universities, teachers and hands-on curriculum our girls discover the endless opportunities available to them in STEM.

- The only focused effort of its kind, Project Scientist is designed to create a STEM pipeline starting with girls as young as 4 years old to advance girls and women in STEM.
- We create a captivating learning environment that inspires girls to innovate through a hands-on STEM experience.
- We believe there is an Einstein in EVERY neighborhood.
- We encourage girls to embrace failure as part of innovations and provide the support girls need to overcome it.

Girls are immersed in a community with like-minded individuals who enjoy exploring the sciences and celebrating their accomplishments. The girls also acquire the leadership skills needed to thrive in today's competitive STEM environments!

About You

- Passionate and hungry for fulfilling our mission of changing the world's view on who a scientist is and what a scientist does
- Believe in the power of education and use it as a tool to inspire
- Thrive in groups built on communication and collaboration and encouraging young girls to do the same
- A polished professional with a college degree and experience working with kids
- Organized with a special attention for detail
- Ability to think on your feet and problem solve while taking initiative with students, parents, and teachers
- Excel at coaching and motivating groups centered around a common goal
- Approach each day with enthusiasm, positivity, critical thinking, collaboration and FUN
- View failure as a key to innovation and push students and teachers to work through it
- A willingness to go above and beyond every day in the best interests of students and the organization
- Demonstrate integrity, sound judgment, self-confidence, maturity and a sense of perspective

Locations/Time Commitment:

Caltech	USC	UCI/Concordia
June 26-30, 2017	June 12-16, 2017	Week 1: June 19-23, 2017
July 3-7, 2017	June 19-23, 2017	Week 2: June 25-30, 2017
July 10-14, 2017	June 26-30, 2017	Week 3: July 3-7, 2017
July 17-21, 2017	July 3-7, 2017	Week 4: July 10-14, 2017
July 24-28, 2017	July 10-14, 2017	Week 5: July 17-21, 2017
July 31-Aug. 4, 2017	July 17-21, 2017	Week 6: July 24-28, 2017



Training Sessions:

All STEM Teachers will be required to attend several training sessions in specifically May. Training sessions are **mandatory**. Those unable to commit to a training session will be evaluated on a case-by-case basis.

Application Process and Submission:

To apply to be a STEM Teacher, please complete and submit the following:

1. Application Form (complete with two references)
2. Resume

Once you have completed all items above, please email your application and materials to Alyssa Sharpe, National Director, alyssa@projectscientist.org. After applications have been received and reviewed, our team will notify all applicants of the status of their application and next steps. Any employment is contingent on the successful completion of a background check.

Project Scientist is an Equal Opportunity Employer and affords equal employment opportunities to employees and applicants without regard to race, color, religion, sex, national origin, age, disability or genetic information. If you will need reasonable accommodations for the interview process, or have any issues with the application, contact Alyssa Sharpe for assistance alyssa@projectscientist.org or by phone at (704) 313-9118.

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Project Scientist 2017 Academy Teaching Fellow Application

APPLICANT INFORMATION

First Name:	Middle:	Last:
Home Address:		
City:	State:	Zip:
Home/Cell Phone:		Work Phone:
E-mail Address:	CPR Certified: Yes No	
U.S. Citizen: Yes No	T-Shirt size: S M L XL 2X 3X	

AVAILABILITY

Are you available/willing to work 6 weeks of camp? Yes No
If not, how many weeks can you work? (Please specify dates of availability).

PROFESSIONAL INFORMATION

School/Employer:		
Address:		
City:	State:	Zip:
Phone:		
E-mail:	School District:	
Principal/Supervisor's Name:		

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Type (circle all that apply): Public Private Urban Rural	
Grades you currently teach: (circle all that apply)	Kindergarten 1 st 2 nd 3 rd 4 th 5 th 6 th 7 th 8 th 9 th 10 th
Subjects you currently teach:	Math Science Technology Geography 1Other _____
Current Position/Title:	Years of experience:

REFERENCES – List three references, who are not related to you, that we may contact in connections with your application for employment.

1. Name:	Phone:
Email Address:	Years Known:
2. Name:	Phone:
Email Address:	Years Known:

I _____ certify that the information in this application is accurate to the best of my knowledge.

→ Signature: _____ →Date: _____

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