

Yale University President's Public Service Fellowship

Proposal for Fellowship Placement • Summer 2017

- Organization:
Yale Pathways to Science Summer Scholars Day Program
- Full street address of organization:
433 Temple Street, New Haven, CT 06511
- Website:
<http://onhsa.yale.edu/science-outreach-home>
<https://www.youtube.com/watch?v=lt5kfu3OIoI>
- Name and title of the Direct Supervisor (*please note: the Direct Supervisor must be available to supervise Fellow on a daily basis*):
Maria Parente, Coordinator for Community Programs in Science
- Phone number and e-mail address of Direct Supervisor:
203-436-4677, maria.parente@yale.edu
- Placement dates (*8-11 weeks between Tuesday, May 30 and Friday, August 11, 2017*):
May 30th to August 11th, 2016
- Are placement dates flexible? If so, please describe:
Yes, we can be a bit flexible with the end date. Also, hours are somewhat flexible when the Pathways Summer Scholars program is not in session.
- Hours of the program (*placements should be equivalent to full-time*):
This is a full-time Student Program Associate position. Hours are weekdays 9am-5pm. However, during the program session (July 8-July 22), the student may need to shift hours to accommodate program operation.

Completed proposals must be e-mailed to karen.king@yale.edu by Monday, November 28th at 5pm

Questions? Call the Yale Office of New Haven and State Affairs: (203) 432-8613

Placement Description

- Organization description (*Mission statement, population served. 150 words or less.*): **Pathways to Science is Yale's coordinated STEM outreach initiative that provides an overarching infrastructure for the many and varied STEM programs and events for local pre-college students at Yale. Through Pathways, local students are invited to participate in a variety of STEM programs and events on campus throughout the year. These programs, which emphasize student engagement and hands-on learning, are designed to increase students' interest in STEM fields, underscore the importance of STEM in their daily lives, and positively influence students' perception of their own ability to succeed in a STEM career. The Pathways Summer Scholars Day Program brings 60 local high school students to Yale's campus for an intensive two-week summer program. During the program, students take workshops taught by Yale scientists and local school teachers in fields ranging from coding to neuroscience, chemistry, engineering, and more.**
- Please write a 1-2 sentence summary of the work that the Fellow would be conducting (*50 words or less. This will be used as your agency's project description summary on the PPSF website, so please be succinct*):
The PPSF will join a team of Yale Pathways to Science staff, faculty, and graduate students to plan, prepare, implement, and evaluate the Summer Scholars Day Program. The PPSF will be a thought partner in developing program structure, managing day-to-day logistics, and evaluating program effectiveness to begin preparations for the following summer.
- Please write a complete description of the specific project you propose and list the duties/outcomes expected of the Fellow. (*Suggested length: one to two pages.*)

The PPSF will serve as a key member of the team charged with planning and designing the Pathways Summer Scholars Program. As the Student Program Associate, the PPSF is responsible for managing program preparation and ensuring that day-to-day operations run smoothly.

Prior to the program start, the fellow's duties will include preparing staff training materials and information for student participants, planning program activities, ordering supplies and materials, and maintaining contact with Yale faculty and students involved in the program.

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The Pathways Summer Scholars placement also offers the PPSF an opportunity to work directly with local high school students in a unique and intense summer STEM program. During the two-week program session, the PPSF take on the role of a teaching assistant and mentor for program participants. The fellow will attend class, aid in assignments and projects, and develop enrichment programming. The PPSF will be responsible for ensuring students' personal and social well-being during the program as well as promoting students' academic development.

Following the program session, the PPSF will be responsible for generating a summative report detailing the successes of the Pathways Summer Scholars Day Program and the suggestions for improvement for the following year's program.

*For pictures of past sessions of the Pathways Summer Scholars Program, please see www.instagram.com/yalepathwaystoscience.

- Specific skills/experience required for the project (*Please list*):
 - **Maturity, energy, enthusiasm, and a genuine interest in young people are required.**
 - **Excellent organizational skills and writing skills.**
 - **Previous teaching experience or program curricular development preferred but not required.**
 - **A sense of humor.**
- Additional requirements (e.g. a car or weekend working hours). If a car is required, please include information regarding parking arrangements and mileage reimbursement): none
- Briefly describe the work that Yale PPSF Fellows have done with your agency in the past and present. If you have not worked with Yale Fellows, please describe any work that Yale students have done with your agency.

PPSF fellows have been leaders in Yale Pathways to Science summer programming since 2009. The role of the PPSF fellow cannot be overstated. In the Summer Scholars program, PPSF fellows have served as mentors, residential advisors, and leaders in planning and executing program enrichment activities for local students. Feedback from past Summer Scholars participants indicate that the relationships forged with their undergraduate and graduate student mentors over the course of the program have encouraged participants to see themselves as college students and young scientists. This influence is powerful, as half of the summer participants

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will be first in family to attend college. Moreover, many undergraduate and graduate students choose to continue building on their work as a PPSF fellow during the academic year, volunteering at other STEM programs and events offered to Pathways students.

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