Proposal for In-Person Fellowship Placement • Summer 2022

If conditions allow, PPSF will offer in-person fellowships in the summer of 2022. In the event that in-person summer placements are not approved by Yale University, prospective sites will be notified and asked to modify proposals to reflect remote work.

● Organization: Yale Pathways Summer Scholars Program
● Organization’s street address: 433 Temple Street, New Haven, CT 06511
● Website: www.yale.edu/scienceoutreach, www.instagram.com/yalepathwaystoscience
● Name and title of person who will be the Fellow’s direct supervisor (the supervisor must be available to supervise Fellow on a daily basis): Maria Parente, Pathways Manager
● Phone number and e-mail address of proposed direct supervisor (please note: during the application process, we encourage prospective Fellows to contact organizations directly with any questions about organization placements or projects): 203-215-2618, maria.parente@yale.edu
● Placement dates (8-11 weeks between Tuesday, May 31 and Friday, August 12, 2022): June 1 to August 12, (start/end dates are flexible)

● Are placement dates flexible? If so, please describe: Start and end dates are flexible. Also, hours are somewhat flexible when the Pathways Summer Scholars program is not in session. The program takes place July 11 to August 5.

● Proposed work schedule (placements should be equivalent to full-time and not more than 37.5 hours/week): Hours are usually weekdays ~9am-5pm. During program operation

Placement Description
● Organization description (mission statement, population served. 150 words or less.): Over the past decade, Pathways has offered New Haven public school students year-round access to free out-of-school programs that engage them with STEM and Arts & Humanities learning. These programs, which emphasize student engagement and hands-on learning, are designed to: increase students’ interest in STEM and Arts/Humanities fields; connect students with leading experts in these fields; and positively influence students’ perception of their own ability to succeed in college and future careers. Each summer, the Pathways to Science Summer Scholars and Pathways to Arts & Humanities Summer Scholars extend and enrich academic-year programming, giving 200 New Haven high school students the opportunity to delve deeper into areas in which they have become interested. The Pathways Scholars are a diverse group of students, half of the students would be first-in-family to go to college, 60% are from underrepresented groups, and 60% are female. The sustained interactions and enrichment that
Pathways programming offers is critical for, and greatly appreciated by, the NHPS students who attend.

- Write a 1-2 sentence summary of the proposed work for a summer 2022 Fellow: The PPSF will join a team of Pathways staff to plan, prepare, implement, and evaluate Pathways Summer Scholars tuition-free enrichment programs for local New Haven public high school students. The PPSF will be a thought partner in developing program activities, managing day-to-day logistics, serving the important role of near peer mentor, and evaluating program effectiveness.

- Write a more 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 activities for the Pathways Summer Scholars Programs. During the programs, the high school participants attend workshops taught by Yale faculty and graduate students in fields ranging from coding to neuroscience, chemistry, engineering, playwriting, art & culture and more. The programs are entirely free to students. During the pandemic summers of 2020 and 2021, the program moved virtually, but we hope to be in-person this summer, if allowed. Rising high school seniors are invited to the residential component of the program, living on the Yale campus, and taking part in college preparatory activities.

Prior to the program start, the fellow will aid program staff with the following: communicating with local high school participants and their parents/guardians, preparing staff training materials; program activity preparation and organization, ordering supplies and materials, and maintaining contact with program instructors. The Pathways Summer Scholars placement also offers the PPSF an opportunity to work directly with local high school students in unique and intense summer programs. During the two-week program sessions, the PPSF takes on the role of teaching assistant. The fellow will directly attend workshops and aid students in assignments and projects. The fellow will also be a thought partner in the development of enrichment workshops and advisory group activities. Following the program session, the PPSF will be responsible for generating a brief summative report detailing the successes of the Pathways Summer Scholars Program and the suggestions for improvement for the following year’s program.

These programs bring joy to the students who attend them as indicated by the fact that so many attend for multiple summers. The importance of the work cannot be underestimated, particularly now due to the emotional toll the pandemic has had on us all. For pictures of past session of the program, see www.instagram.com/yalepathwaystoscience. You can view the latest closing ceremonies videos for Summer 2021 (virtual) and Summer 2019 (on-campus).

- List specific skills/experience required for the project:
  ✔ Excellent organizational skills.
  ✔ Ability to work in a team.
  ✔ Excellent communication and interpersonal skills
  ✔ Maturity, energy, enthusiasm, and a genuine interest in working with young people.

- Additional requirements (e.g. a car or weekend working hours). If a car is required, include information regarding parking arrangements and mileage reimbursement): None
Briefly describe the work that Yale PPSF Fellows have done with your organization in the past and present. If you have not worked with Yale Fellows, describe any work that Yale students have done with your organization: PPSF fellows have been leaders in Pathways programming since 2009. The role of the PPSF fellow cannot be overstated. In the Summer Scholars programs, 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 high school 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 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 outreach programs and events offered to Pathways high school students.