PAVE Internship Announcement, 2021

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The Program in Applied Vaccine Experiences (PAVE) is funded by the Bill and Melinda Gates Foundation, the Johns Hopkins Vaccine Initiative (JHVI), and the Department of International Health in the Bloomberg School of Public Health. The objective of the PAVE Scholars Program is to allow JHSPH graduate students to work with mentors at organizations such as the World Health Organization (WHO), the Pan American Health Organization (PAHO), Gavi (The Vaccine Alliance), or Unicef to gain experience in vaccine research, policy, and programs of global importance. 4-5 internships will be offered for the 2021-2022 academic year at Unicef, Gavi and PAHO. Unfortunately, because of the COVID-19 pandemic, we will not be offering new internships at WHO in the 2021-2022 academic year.

1. Eligibility
PAVE Internships are restricted to master’s and doctoral students in good standing who will be enrolled at the Johns Hopkins Bloomberg School of Public Health for both the 2020-2021 and the 2021-2022 academic years who will have completed at least one year of coursework by the time the internship begins (generally August/September). Preference will be given to students who will have completed three terms of biostatistics, one term of epidemiology and one or more vaccine courses prior to starting their internships. Some partner agencies or positions may have additional eligibility requirements such as language proficiency or country/region of origin.

Applicants must be enrolled during T1-T2 of the 2021-2022 academic year.

Awards will be announced by April 2021 and internships generally occur between August and December 2021. Alternative timing may be possible in some situations.

2. Contact Information:
For logistical questions: Ms. Liz Meyer: emeyer17@jhmi.edu
For questions related to internship content or eligibility: Dr. Taylor Holroyd: tholroyd@jhu.edu

3. Requirements
The Johns Hopkins Vaccine Initiative
Johns Hopkins Bloomberg School of Public Health

- Internships will generally begin in August or September and will last 3-4 months. In rare instances, internships may extend beyond four months if desired by the PAVE scholar and mentor; however, no additional stipend is available.
- The PAVE program will cover transportation costs from Baltimore to the internship site. PAVE Scholars are required to arrange accommodation for the internship.
- PAVE Scholars are required to submit a summary report of the internship experience in the spring following the internship. In most instances, essays written in fulfillment of degree requirements will also satisfy this requirement.
- PAVE Scholars will present their work to internship mentors before returning home from their internship and to students and faculty at the Johns Hopkins Bloomberg School of Public Health in the spring following the internship.
- PAVE Scholars are required to submit 3-5 high-resolution digital photographs to be used by JHVI to promote the PAVE Scholars Program. Photo credits will be attributed to the student.
- PAVE Scholars who are unable to begin the internship must immediately return all funds to JHVI.

4. Projects
JHVI, in collaboration with agencies such as WHO, GAVI, PAHO, and Unicef, will arrange internships on vaccine-related topics of global importance that will provide opportunities for students to apply skills acquired at JHSPH. However, it is essential that JHVI and organizational mentors have the flexibility to adjust internships to respond to critical or emerging public health needs. Following the identification of PAVE Scholars, JHVI will assign internships based on student interest and experience and mentor programmatic needs.

Specific projects will vary but might include analytic work or systematic reviews that contribute to the development of global immunization policy recommendations or the strengthening of national decision-making processes for immunization, or on issues related to vaccine delivery, demand, financing, or safety monitoring, new vaccine introduction, or vaccine preventable disease surveillance.

5. Application
Application forms will be available through the Department of International Health Website here: http://www.jhsph.edu/departments/international-health/current-students/Program-in-Applied-Vaccine-Experiences-PAVE/

All application materials and recommendations are due no later than Friday, February 26th, 2021, 5:00pm EST. Electronic applications are required and should be submitted to emeyer17@jhmi.edu. Please contact Liz Meyer if you have any questions about the submission of your application.

PAVE applicants must be available for a remote interview with the PAVE selection committee in March 2021.
The Johns Hopkins Vaccine Initiative
Johns Hopkins Bloomberg School of Public Health

Please submit each of the following documents
Application (PDF)
Recommendation letters (2)
CV
Unofficial transcript
Personal statement

- The application form should be downloaded from the website and completed as a PDF document.
- Recommendation forms should be downloaded from the website and sent to recommenders. Recommendations should include both the scoring sheet and a recommendation letter. At least 1 recommendation should come from a Johns Hopkins faculty member. Recommendations should be submitted directly from the author to Ms. Liz Meyer emeyer17@jhmi.edu
- Unofficial transcripts are acceptable and can be downloaded from SIS. Do not use a screen capture or screen shot.
- Personal Statement: Write a 1-2 page statement that indicates how your career would benefit from a PAVE internship. Please describe relevant research and work experiences, if any, and discuss which placements or agencies are of most interest to you and why. Students are not required to pick a single placement of interest, and should discuss any/all that they would like to be considered for.

6. Funding
Students will receive a stipend that is dependent on duration and the cost of living in your location. These funds are to be used for accommodation, local transportation, and expenses during the internship. PAVE Scholars working at PAHO in Washington D.C. will receive $2500/month. PAVE Scholars at UNICEF in New York City will receive $3000/month. PAVE Scholars working in Geneva (at WHO or Gavi) will receive $3500/month. PAVE scholars who are working remotely on projects in Washington, DC, New York City and Geneva will receive $2500/month. Internships will be 3 to 4 months in length, with a 3-month minimum. The length of the internship will be determined through discussion between the student, the mentor, and the program coordinator. In rare instances, internships may extend beyond four months if desired by the PAVE scholar and mentor; however, no additional stipend is available.

In addition to the monthly stipend, if the internship is occurring in person, the program will provide funding for the equivalent cost of one round trip flight from Baltimore to the internship site (Geneva, Switzerland for Gavi; Atlanta) or the cost of a round trip train ticket to DC or New York City (for PAHO and Unicef) if needed.

7. Selection of Scholars
PAVE Scholars will be selected based on the following factors:

- Eligibility
- Educational Background & Performance
- Personal Statement
- Recommendations
- Interview

8. Timeline

Student applications due (late February 2021)
Selected candidates interviewed (March 2021)
Finalists notified (March/April 2021)
PAVE Scholars announced (by April 2021)
PAVE internships (3-4 months weeks, generally beginning in August 2021)
JHSPH presentation, essay, and photos (Spring 2022)
9. Frequently Asked Questions

Who can apply?
Johns Hopkins Bloomberg School of Public Health master’s and doctoral students in good standing who will have completed at least one year of coursework by the time the internship begins in August/September are eligible to apply. As noted above, preference will be given to students who will have completed three terms of biostatistics, one term of epidemiology and one or more vaccine courses prior to starting their internships. Applicants must be enrolled at JHSPH during T1-T2 of the 2021-2022 academic year. Graduates are not eligible.

When will awards be announced?
Awards will be announced by April and internships are anticipated to begin in August 2021, in most cases.

How many internships will be funded in 2021?
We anticipate funding 4-5 internships for the 2021-2022 academic year. We anticipate up to two internships at Gavi, up to two internships at Unicef, and one internship at PAHO for the 2021-2022 academic year. Given agency restrictions due to COVID-19, we do not anticipate new internships at the WHO in 2021.

What is the process for applying to the PAVE Scholars Program?
Students interested in PAVE should submit an application, a CV, an unofficial transcript and personal statement. Recommendation letters should be submitted directly Ms. Liz Meyer (emeyer17@jhmi.edu)

All documents should be submitted by Friday, February 26th, 2021, 5:00pm EST. Early submission is welcomed and encouraged.

Interviews of selected candidates will be scheduled in March 2021. Finalists will be contacted in March and may be asked to complete additional organization-specific documents, and/or to agree to interviews by phone or Skype with organizational representatives. PAVE Scholars will be announced by April 2021.

What are the coursework minimum requirements for applicants?
Students must be enrolled in a graduate program at the Johns Hopkins Bloomberg School of Public Health during the internship and must have completed at least one year of the program prior to the start of the internship. Three terms of biostatistics and one term of epidemiology are highly preferred, as is enrollment in one or more courses in vaccine sciences (see below). Please contact us if you have any questions about these requirements.

What are the vaccine courses at JHSPH?
- 223.662.01 Vaccine Development and Application
  Instructors: Ruth Karron, Laura Hammitt, Jessica Atwell
The Johns Hopkins Vaccine Initiative
Johns Hopkins Bloomberg School of Public Health

- 223.687.01 Vaccine Policy Issues
  Instructor: Daniel Salmon
- 223.689.01 Biologic Basis of Vaccine Development
  Instructors: Anna Durbin, Jay Bream
- 223.705.81 Clinical Vaccine Trials and Good Clinical Practice
  Instructors: Naor Bar Zeev, Brittany Feijoo, Jessica Atwell
- 223.867.01 Special Topics in Vaccine Science Seminar
  Instructor: Anna Durbin, Anita Shet

**What is considered good standing?**
Students are considered in good standing as long as they are not on academic probation; however, demonstration of academic excellence is one criterion used in the evaluation of PAVE candidates.

**How long will the internship last?**
Generally, internships will begin in August or September and will last 3 or 4 months. In rare instances, internships may extend beyond 4 months if desired by the PAVE scholar and internship mentors; however, no additional stipend is available. Students should only apply for the internship if they will be available for at least three months at the sponsoring agency.

**Can I ask my advisor to write a recommendation letter?**
Yes, your advisor may write one of your recommendation letters. At least one of your two letters should be from a faculty member at JHSPH.

**What should I include in the Relevant Professional/International Experience section of the application?**
You should include any international volunteer or work experiences, any research or public health experiences, and any relevant experience gained while enrolled at JHSPH.

**Do I need language skills in order to apply for the internship?**
Some Gavi internships have included a working knowledge of French and/or other languages as a desirable skill; however, this is not an absolute requirement for any internships. PAHO internships require fluency in Spanish or in at least 2 PAHO-region languages. Please include information regarding basic, intermediate or advanced language skills on your application.

**How will I be assigned a project?**
JHVI and the internship organizations will make every effort to match selected candidates with an internship that most closely matches their interests and skills. Projects may vary from those described on the PAVE website, depending upon the student’s interests and skills and the needs of each mentor. Examples of potential projects for 2021 are posted on the website.
What if I am selected for the program but I am not able to participate?
PAVE Scholars selected but who are unable to participate are required to return any disbursed funds to JHVI. Please notify Taylor Holroyd (tholroyd@jhu.edu) as early as possible in order to facilitate selection of an alternate candidate.

What are the requirements for the essay after returning to JHSPH?
All students are required to submit a written summary of their internship project. Essays written in fulfillment of degree requirements will also satisfy this requirement (e.g. MSPH essays).

What are the requirements for the JHSPH presentation?
All students are required to develop 15-20 minute presentations describing their internship project, to be given in the spring at JHSPH following the internship.

I plan on graduating from the program prior to September 2021. May I still participate in the internship?
No. Only graduate students who are enrolled during T1-T2 of 2021-2022 are eligible to apply.

Is this a full-time internship?
This internship is full-time during the entire internship period (3 to 4 months).