The Johns Hopkins Vaccine Initiative  
Johns Hopkins Bloomberg School of Public Health

PAVE Internship Announcement, 2017

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 in 2017-2018 and who will have completed at least one year of coursework by the time the internship begins in August/September. Preference will be given to students who will have completed three terms of biostatistics and one term of epidemiology and one or more vaccine courses prior to starting their internships.

Applicants must anticipate enrollment during T1-T2 of the 2017-2018 academic year.

Awards will be announced by early April 2017 and internships are anticipated to begin in August/September 2017.

2. Contact Information:  
For logistical questions: Ms. Wendy Twilley: wtwille1@jhu.edu  
For questions related to internship content or eligibility: Dr. Jessica Atwell: jatwell@jhu.edu

3. Requirements  
- Internships will begin in late August/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.
- PAVE Scholars are required to arrange all transportation and accommodation for the internship.

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- 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 WHO, GAVI, PAHO, Unicef and CDC, 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 Wednesday February 8, 2017 at 5:00pm. Electronic applications are required and should be submitted to wtwille1@jhu.edu. Please contact Wendy Twilley if you have any questions about the submission of your application.

PAVE applicants must be available for an interview with the PAVE selection committee in Baltimore during mid-late February 2017.

Please submit each of the following documents
  - Application (PDF)
  - Recommendation letters (2)
  - CV
  - Unofficial transcript
  - Personal statement
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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 in the US (at CDC in Atlanta or 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. 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, the program will provide funding for the equivalent cost of one round trip flight from Baltimore to the internship site (Geneva, Switzerland for WHO and Gavi; Atlanta, Georgia for CDC) or the cost of a round trip train ticket to DC or New York City (for PAHO and Unicef) if needed. Note: If there are opportunities for work-related travel during the internship, unfortunately those costs cannot be covered by PAVE.

7. Selection of Scholars
PAVE Scholars will be selected based on the following factors:
- Educational Background & Performance
- Personal Statement
- Recommendations
- Interview

8. Timeline
Student applications due (early February 2017)
Selected candidates interviewed (mid-late February 2017)
Finalists notified (March 2017)
PAVE Scholars announced (by April 2017)
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PAVE internships (3-4 months weeks beginning in August/Sept 2017)
JHSPH presentation, essay, and photos (Spring 2018)
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 and 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 2017-2018 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/September 2017.

How many internships will be funded in 2017?
Approximately five internships will be awarded for the 2017-2018 academic year.

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. Wendy Twilley (wtwille1@jhu.edu).

All documents should be submitted by Wednesday, February 8th, 2017 at 5:00pm. Early submission is welcomed and encouraged.

Interviews of selected candidates will be scheduled in February 2017. Finalists will be contacted in March 2017 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 in April 2017.

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
- 223.687.01 Vaccine Policy Issues
  Instructor: Daniel Salmon
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- 223.689.01 Biologic Basis of Vaccine Development
  Instructors: Anna Durbin, Jay Bream
- 223.705.81 Clinical Vaccine Trials and Good Clinical Practice
  Instructor: Karen Charron
- 223.867.01 Special Topics in Vaccine Science Seminar
  Instructor: Anna Durbin

**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?**
Internships will begin in August/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.

**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 WHO IVB and 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. Some of the PAHO internships may require fluency in Spanish. 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 JHVI website, depending upon the student’s interests and skills and the needs of each mentor. Examples of potential projects for 2017 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 wtwille1@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 2017. May I still participate in the internship?
No. Only graduate students who are enrolled during T1-T2 of 2017-2018 are eligible to apply.

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