Global Pop Summer Research Program 2021

VP&S Student Application

Name:	UNI:
Class of:	Application Date:
Are you also applying to the NIH summer program? Yes/No	

This (DRAFT) application contains **5 sections**:

1. Application instructions
2. Eligibility Criteria and Requirements
3. Research projects ranking
4. Language proficiency (when applicable)
5. Design-your-own supplement (when applicable)

Please review all relevant sections carefully, as they include crucial information concerning your commitment, requirements and important considerations prior to applying.

1) *Application instructions*

Selection to our summer programs is competitive and students must submit this application **by Monday, February 1st**, **2021**.

A. **Your complete application packet should consist of the following components compiled in ONE document:**
   - ✓ Completed Application
   - ✓ CV / Resume
   - ✓ Statement of Interest (1-2 pages)- please explain what motivated your choices, and include special areas of interest, relevant language, as well as experiences and skills you consider relevant for carrying out a Global and Population Health project.
   - ✓ Design-your-own project supplement (if applicable)

B. **Your completed application and supporting documents should be saved and sent as follows:**

   - ✓ **First Name Last Name Application 2021** (e.g. John Smith Application 2021)

2) *Requirements and Eligibility Criteria*

Summer projects at Global Pop are traditionally carried out at a variety of sites, abroad and in NYC. Given the circumstances, travel abroad is not foreseen for the Summer of 2021 and projects are expected to be conducted remotely/locally.

1) Eligibility Criteria

This program is open to First-year VP&S students in good academic standing at the time of selection, who submit a timely application and take part of our interview process in February.

Selected students must commit to abiding by all conditions listed below.

2) Stipends

Selected students will receive a $5,000 stipend for 10 weeks, and are expected to work full time in this period. Shorter-duration projects may be considered, but require consultation with the Global Pop Office and will carry a prorated stipend.

Stipends aim at supporting living expenses for the duration of the project, and include poster printing expenses for the Fall Symposium (~$55).

Global Pop stipends cannot be combined with other Columbia sponsored funding.

3) Mentor

Projects are carried out under the supervision of a Columbia University mentor. In some cases where the main supervisory role is carried out by a mentor at the site, Global Pop will assign a Columbia Faculty Liaison as well. For Design-your-own projects, the student takes the lead in identifying a Columbia University mentor.

4) Dates

Projects are usually carried out between the second week of June and the second week of August.

5) Requirements

Selected students must commit to timely returning all forms required by our office, and must participate in:

✓ April 2020 - Pre-summer Orientation
✓ April - May 2020 - Research Methods in Global and Population Health course **(GLHL 7207)** – this 8-session course is held (free-of-charge) on Tuesday evenings, 6 to 7.30 pm, and students will complete a research plan for their summer research project
✓ August 2020 - Abstract, Poster and Capstone Paper - Successful and timely submission of these deliverables will translate into a pass/fail grade and 3 credits via the Independent Study in Global and Population Health Fall course **(GLHL 7208)** – free of charge**.** There is no other coursework associated with this Fall course. Credits apply toward the MD/MS dual degree program in Biomedical Sciences.
✓ September 2020 - Summer Projects Symposium and Poster Session

3) *Research Projects Ranking*

In this section, you will need to rank your project preferences, **with 1 being your top choice**.

There's no limit to how many projects you rank, and it is better to err on the side of a higher number, given that this year many projects will only take 1 student among the many interested.

If you feel strongly about certain projects, it is usually to your advantage to reach out to the mentors of those projects to express your interest.

Consider your ranking carefully: our office will aim at placing you at the highest possible ranked option, with input from the application, interview and mentor. It is in your best interest that your ranking reflects your actual preferences, as opposed to choices you think you're more likely to get.

Also, **only rank those projects that you'd definitely pursue, if given the opportunity**. Once you've been assigned a project, that slot will be filled and unavailable to other interested students.

Last, **we are unable to modify your ranking once you have submitted your application**. Any change requests will only be considered once all candidates have been placed, given the many moving parts in this process.

Prior to ranking your projects, please review all project information available at:

https://www.pgh.cuimc.columbia.edu/education-programs/program-education-global-and-population-health/research-areas/global-pop-research-projects-2021

Your ranking	Project CU Mentor(s)	Project Affiliated Site/Organization/Department	Project Site Mentor (if applicable)	Available Slots
	Rachel Moresky	Columbia University Mailman School of Public Health sidHARTe – Strengthening Emergency Systems Program, Ghana Health Service (GHS), University of Ghana Regional Institute for Population Studies (RIPS), and Catholic Relief Services (CRS)		2 - 3
	John Santelli and Esther Spindler	Rakai Health Sciences Program, Uganda		1
	Andrew Moran	Resolve to Save Lives, an initiative of Vital Strategies https://resolvetosavelives.org/cardiovascular-health/hypertension		1
	Kathrine Meyers	Yunnan Centers for Disease Prevention and Control, China		2
	Richard Deckelbaum and Murugi Ndirangu	CUIMC Institute of Human Nutrition and the Department of Pediatrics, Columbia Global Center-Nairobi, Turkana Basin Institute		1
	Michael Yin	Division of Infectious Diseases (Michael Yin) and Department of Pediatrics (Stephen Arpadi) at CUIMC		1
	Lisa Park	Vision Care USA, Ophthalmic Society of Ethiopia		1

Your ranking	Project CU Mentor(s)	Project Affiliated Site/Organization/Department	Project Site Mentor (if applicable)	Available Slots
	Kim Hekimian	Depending on the project, we will likely partner with the American University of Armenia School of Public Health and/or the Yerevan State Medical University.		2
	Susan Rosenthal	University of Texas Medical Branch	Beth Auslander, University of Texas	1
	Alissa Davis	Columbia School of Social Work, CUMC, and the Columbia University Global Health Research Center of Central Asia		1
	Gregory Karelas	MSPH		1
	Kathleen Pike	Global Mental Health Programs - Columbia University		1
	Tahilia Rebello and Geoff Reed	Global Mental Health Programs - Columbia University		1
	Geoff Reed	Global Mental Health Programs - Columbia University		1
	Tahilia Rebello; Christine Musyimi	Global Mental Health Programs - Columbia University		1
	Jocelyn Brown	CUIMC, Department of Pediatrics and Maison des Femmes, Saint Denis, Paris, France		2
	Tanya Murtha	Harlem Hospital		1 - 2
	Brie Stotler	World Initiative for Rh disease Eradication (WIRhE)/Hospital for Sick Children, Toronto Ontario		1
	Esteban Calvo (Faculty liaison)	Society and Health Research Center, Universidad Mayor (Santiago, Chile)	Antonia Diaz-Valdes, Universidad Mayor	1 - 2
	Esteban Calvo	Society and Health Research Center, Universidad Mayor (Santiago, Chile)		1
	Lawrence Stanberry (Faculty liaison)	Pfizer Vaccine Research & Development - Pearl River	Isis Kanevsky/Alexey Gribenko/Ingrid Scully - Pfizer Vaccine Research & Development	2
	Lawrence Stanberry (Faculty liaison)	Pfizer Vaccine Research & Development - Pearl River	Hal Jones/Li Hao - Pfizer Vaccine Research & Development	1
	Lawrence Stanberry (Faculty liaison)	Pfizer Vaccine Research & Development - Pearl River	Natalie Silmon de Monerri - Pfizer Vaccine Research & Development	1
	Lawrence Stanberry (Faculty liaison)	Pfizer Vaccine Research & Development - Pearl River	Isis Kanevsky/Raphael Simon - Pfizer Vaccine Research & Development	1
	Kim Hekimian (Faculty Liaison)	Praava Health - Dhaka, Bangladesh	Sylvana Q. Sinha, Founder of Praava Health	2
	Design-your-own project	If you have identified a project you wish to work on but which is not on this list, please complete the Design-your-own supplement		TBD

4) Language Proficiency (if applicable)

Using the criteria below, rate your language proficiency (if applicable to one of your ranked projects) by marking the appropriate box:
Where foreign language is required, Global Pop will organize screening interviews.

Language	Fluent	Conversant	Intermediate	Beginner

LANGUAGE PROFICIENCY CRITERIA:
Fluent: native speaker or very advanced non-native speaker; can take a medical history and understand everything a patient and relatives say; can give a lecture on a familiar subject in the language, as easily as in your native language; can write a report with correct grammar.
Conversant: can understand much of what's going on, but would not be able to give a lecture without practice; can communicate, administer questionnaires, and instruct patients on taking medicines; can write notes, fill out forms.
Intermediate: can order food and get around, but help is needed in detailed communication, such as comforting a family member, following guidelines in the non-native language, or participating in a meeting; can follow an adult conversation much of the time.
Beginner: can form some sentences and understand simple comments or commands; an interpreter is needed for most interactions.

5) Design-Your-Own Project Supplement (if applicable)

Project Proposal:
If you have identified own project and wish to be considered for funding, please provide the following information in a 3-5 page single spaced proposal.

Students who have not yet identified a mentor may contact Dr. Larry Stanberry (lrs2155) or Dr. Michael Yin (mty4) to explore options.

A. Project Details:

- **Name**
- **Project title**
- **Columbia University mentor name**
  - Must have a letter of agreement from proposed mentor agreeing to be your mentor
- **On-site supervisor's name**
- **Organization/program name**
  - Letter from the program confirming your work there
- **Country**
- **Location**

B. Project Description:

- **Significance.** Does the project address an important problem or a critical barrier to progress in the field? If the aims of the project are achieved, how will scientific knowledge, technical capability, and/or clinical practice be improved? How will successful completion of the aims change the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field?

- **Innovation.** Does the project challenge and seek to shift current research or clinical practice paradigms by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or interventions? Are the concepts, approaches or methodologies, instrumentation, or interventions novel to one field of research or novel in a broad sense? Is a refinement, improvement, or new application of theoretical concepts, approaches or methodologies, instrumentation, or interventions proposed?

- **Approach.** Are the overall strategy, methodology, and analyses well-reasoned and appropriate to accomplish the specific aims of the project? Are potential problems, alternative strategies, and benchmarks for success presented? If the project is in the early stages of development, will the strategy establish feasibility and will particularly risky aspects be managed? If the project involves clinical research, are the plans for 1) protection of human subjects from research risks, and 2) inclusion of minorities and members of both sexes/genders, as well as the inclusion of children, justified in terms of the scientific goals and research strategy proposed?

- **Environment.** Will the scientific environment in which the work will be done contribute to the probability of success? Are the institutional support, equipment and other physical resources available to the investigators adequate for the project proposed? Will the project benefit from unique features of the scientific environment, subject populations, or collaborative arrangements?

C. Project Timeline:

- **Project start and end date**
- **Timeline of activities (i.e. project planning, IRB submission to CU, IRB submission in project location, data collection, analysis)**