PRE-HEALTH SUMMER PROGRAMS

Abby Voss, Assistant Director
Nicole Labrecque-Blue, Program Manager

**This presentation is a snap shot of summer programs; it is not comprehensive**
THINGS TO KNOW ABOUT EXPERIENCE...

- All experiences can be valuable – remember to consider “what did you do, what did you learn”
- Health professions programs are interested in both health and non-health related experiences – Think transferable skills
- Health care experience/exposure hours
  - Aim for at least 100 hours (with the exception of PA applicants)
  - Shadowing, volunteering, summer programs
- Track your experiences
  - Contact information
  - “what did you do, what did you learn”
HOW TO APPROACH SUMMER PROGRAMS

- Be proactive!!!!
  - Deadlines are approaching
  - These programs are competitive

- Find programs that interest you
  - What do you want to gain from a summer program?

- Do your research!!!!!
  - See next slide
DO YOUR RESEARCH!!!!

- Type of program (research, clinical, academic enrichment)
- Requirements (GPA, year in school, research experience, underrepresented in medicine)
- Do you need to show demonstrated interest in pursuing MD/PhD dual degree?
- Paid vs. stipend vs. volunteer
- Cost to participate in program?
- Housing/transportation provided? Need based scholarships available?
DEFINITION OF UNDERREPRESENTED IN MEDICINE

- The AAMC definition of underrepresented in medicine is:

  "Underrepresented in medicine means those racial and ethnic populations that are underrepresented in the medical profession relative to their numbers in the general population."

- Race -- Blacks, Mexican-Americans, Native Americans (that is, American Indians, Alaska Natives, and Native Hawaiians), and mainland Puerto Ricans

- first generation college student

- low income

- raised in underserved community
TYPES OF PROGRAMS

- Research – main focus of program is bench or clinical research
- Volunteer/Clinical – exposure to healthcare, shadowing, volunteering
- Public health – emphasis on public health issues, health disparities, etc
- Academic enrichment programs – courses, MCAT prep, intro to med school courses, application prep
HOW DO I SEARCH FOR SUMMER PROGRAMS?

- AAMC – Summer Programs Database
  - [https://services.aamc.org/summerprograms/](https://services.aamc.org/summerprograms/)

- NAAHP – Summer Opportunities for Disadvantaged and Minority students

- Explorehealthcareers.org – Healthcare Enrichment programs

- Brandeis Pre-Health Advising – Summer Opportunities
  - [http://www.brandeis.edu/acserv/health/activities/summer.html](http://www.brandeis.edu/acserv/health/activities/summer.html)
  - We will also send emails to the listserv if we get information about summer programs.
HOW DO I SEARCH FOR SUMMER PROGRAMS?

- **Google**
  - Pre-health student summer programs/internships
    - Some program results, and some links will direct you to other Pre-Health Advising websites with lists of programs.
    - Don’t be afraid to use other lists – contact us if you are concerned or are questioning any programs.
    - Tufts University Pre-Health Advising -- [http://uss.tufts.edu/hpa/ExperientialPrep/PreMedical.asp](http://uss.tufts.edu/hpa/ExperientialPrep/PreMedical.asp)

- **Hospitals and health related organizations**
  - Reach out to local hospitals regarding summer programs
    - What is close to home?
  - See if summer volunteer programs are available – Volunteer Services
  - Explore community/public health orgs, health departments, community health centers, etc.

- **Network!!!!**
  - Review your own network – who do you know, who do your parents know, who do your friends know and who do their parents know, etc.
  - Use Hiatt events, such as Industry Nights, to expand your network.
EXAMPLES OF PROGRAMS: RESEARCH

- National Institutes of Health
  - https://www.training.nih.gov/programs/sip

- Michigan State University College of Osteopathic Medicine
  - http://com.msu.edu/DO-PhD-Program/SUPER.htm

- Ohio State University – SUCCESS Program
  - http://medicine.osu.edu/mstp/success-program/Pages/index.aspx

- Children’s Hospital of Pittsburgh - CRISSP
  - http://www.research.chop.edu/programs/crissp/

- University of Pittsburgh – SURP
  - http://www.gradbiomed.pitt.edu/node/268

- Hackensack University Medical Center Joseph M. Sanzari Children’s Hospital

- SRF Summer Scholars Program (Regenerative Medicine)
  - http://www.sens.org/education/research-opportunities/srf-summer-scholars-program
CLOSE UP: SUMMER INTERNSHIP PROGRAM IN BIOMEDICAL RESEARCH (NIH)

About the Program

- Summer programs at the National Institutes of Health (NIH) provide an opportunity to spend a summer working at the NIH side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research.

- Internships cover a minimum of eight weeks, with students generally arriving at the NIH in May or June. The NIH Institutes and the Office of Intramural Training & Education sponsor a wide range of summer activities including lectures featuring distinguished NIH investigators, career/professional development workshops, and Summer Poster Day.

Requirements/Details

- Application Deadline: March 1
- At least 16 years of age
- US citizen or permanent resident
- Enrolled at least part time at Accredited University.
- Stipends vary each year; no housing provided
- Apply online; after applying contact NIH investigators with whom you want to work
EXAMPLES OF PROGRAMS: PUBLIC HEALTH

- Centers for Disease Control and Prevention
  - [http://www.cdc.gov/minorityhealth/internships/opportunities.html#SPHSP](http://www.cdc.gov/minorityhealth/internships/opportunities.html#SPHSP)

- Health Career Connection
  - [http://www.healthcareers.org/about-us](http://www.healthcareers.org/about-us)

- University of Michigan School of Public Health – Summer Enrichment Program
  - [https://www.sph.umich.edu/sep/](https://www.sph.umich.edu/sep/)

- Harvard T.H. Chan – School of Public Health
  - [http://www.hsph.harvard.edu/biological-sciences/undergraduate-summer-internship-program/](http://www.hsph.harvard.edu/biological-sciences/undergraduate-summer-internship-program/)
About the program

• The MCHC/RISE-UP Program provides opportunities for enhanced public health training to eliminate health disparities and promote health equity. Grant funding for this program was awarded to Kennedy Krieger Institute (KKI) by the Centers for Disease Control and Prevention (CDC).

• Three public health experiences offered at three different sites:
  • Clinical/Community
  • Community engagement and advocacy
  • research

Requirements/details

• At least a 2.5 GPA
• 10-week summer program that begins May 30, 2016
• Stipend: $3500
• Housing and round-trip travel for out-of-state scholars are also available.
• Underrepresented students encouraged to apply.

http://www.kennedykrieger.org/professional-training/professional-training-programs/rise-programs/mchc-rise-up
EXAMPLES OF PROGRAMS: ACADEMIC ENRICHMENT PROGRAMS

- Summer Medical and Dental Education Program
  - http://smdep.org/

- Virginia Commonwealth University Medical Center
  - http://www.dhsd.vcu.edu/pipeline-programs/college/summer-academic-enrichment-program/

- Cooper Medical School – Rowan University (PULSE Program)
  - http://www.rowan.edu/coopermed/diversity/undergrad/

- Baltimore Health Immersion Program
  - http://www.loyola.edu/academic/prehealth/baltimore-health-immersion/details
CLOSE UP: SUMMER MEDICAL AND DENTAL EDUCATION PROGRAM

About the program

- The SMDEP program offers students a variety of academic and career experiences that will support their dental and medical school career preparation.
  - Academic enrichment in the basic sciences and quantitative topics
  - Learning-Skills Development-including study skills and methods of individual and group learning
  - Clinical exposure through small-group clinical rotations and full-group clinician seminars. This is limited to 5% of program time for all the sites
  - Career development, including the exploration of the medical and dental careers, other health professions and an individualized education plan to identify other appropriate enrichment activities
  - Financial planning workshop and health policy seminars

Requirements/details

- Be currently enrolled as a freshman or sophomore in college
- Have a minimum overall GPA of 2.5
- Be a U.S. citizen or hold a permanent resident visa
- Have not previously participated in SMDEP
- 6 week program (tuition, housing, meals included)
- Specifically for underrepresented students
EXAMPLES OF PROGRAMS: VOLUNTEER/CLINICAL EXPERIENCE

- Project Healthcare at Bellevue Hospital’s Emergency Department
  (Contact: Bellevuepavers@nyumc.org)
  - [http://emergency.med.nyu.edu/education/undergraduates/project-healthcare](http://emergency.med.nyu.edu/education/undergraduates/project-healthcare)

- Des Moines University – Health P.A.S.S Program
  - [http://www.dmu.edu/admission/healthpass/](http://www.dmu.edu/admission/healthpass/)

- Cedars-Sinai (Los Angeles, CA)
  - [http://www.cedars-sinai.edu/About-Us/Volunteer-Opportunities/Programs/College-Student-Summer-Volunteer-Program.aspx](http://www.cedars-sinai.edu/About-Us/Volunteer-Opportunities/Programs/College-Student-Summer-Volunteer-Program.aspx)

- University of Colorado – Pre-Med Emergency and Wilderness Medicine Program
  - [http://www.coloradownm.org/undergraduate_courses.html](http://www.coloradownm.org/undergraduate_courses.html)
CLOSE UP: PROJECT HEALTHCARE

About the program

- Project Healthcare (PHC) is an innovative, summer-intensive volunteer program for enthusiastic and inspired college and post-baccalaureate students. Housed by the Bellevue Hospital Center Emergency Department, PHC gives students an opportunity to experience and observe many different aspects of healthcare.

- Furthermore, mandatory lectures and weekly meetings provide students with a chance to discuss medical issues, including the practical problems that hospitals, patients, and medical staff encounter in the healthcare system.

- Rotations take place in the Emergency Department (Adult Emergency Services, Pediatric Emergency Services, Psychiatric Emergency Services, Urgent Care, the Emergency Ward, and Social Work), the Operating Room, and the Cardiac Catheterization Lab.

Requirements/details

- Undergrads must be done with 1st year.
- 10 week, time intensive program
- No housing or stipend
  - Housing affiliation with NYU and Columbia
OTHER PRE-HEALTH PROGRAMS

- **Medical**
  - Columbia University NERA Med-Prep Scholars Program

- **Dental**
  - Discover Dental School: Summer Scholars Program
    - [http://dentistry.stonybrookmedicine.edu/student/discover](http://dentistry.stonybrookmedicine.edu/student/discover)

- **Optometry**
  - Illinois College of Optometry – Focus on Your Future
    - [http://www.ico.edu/admissions/events-for-prospective-students/focus-on-your-future/](http://www.ico.edu/admissions/events-for-prospective-students/focus-on-your-future/)
  - Ohio State University – I-DOC Program
    - [http://optometry.osu.edu/IDOC/](http://optometry.osu.edu/IDOC/)
  - University of California – Berkeley Optometry – OPTO Camp
    - [http://optometry.berkeley.edu/admissions/opto-camp](http://optometry.berkeley.edu/admissions/opto-camp)

- **Veterinary Medicine**
  - Tufts University Cummings School of Veterinary Medicine
    - [http://vetsites.tufts.edu/avm/programs/college-program/](http://vetsites.tufts.edu/avm/programs/college-program/)
AND YET ANOTHER OPTION...CERTIFICATIONS

- Emergency Medical Technician (EMT)
  - Brandeis/BEMCo – course on campus

- Certified Nursing Assistant (CNA)
  - [http://www.redcross.org/ma/boston/take-a-class/nurse-assistant-training](http://www.redcross.org/ma/boston/take-a-class/nurse-assistant-training)

- Community Colleges

- Phlebotomy
  - [http://www.redcross.org/ma/boston/take-a-class/phlebotomy-training](http://www.redcross.org/ma/boston/take-a-class/phlebotomy-training)
  - [http://www.neadulted.com/courses/medical-courses.html](http://www.neadulted.com/courses/medical-courses.html)
THINGS TO REMEMBER

- Internship Course
- WOW (World of Work) Funding through Hiatt for unpaid internships
  - [http://www.brandeis.edu/hiatt/funding/wow/](http://www.brandeis.edu/hiatt/funding/wow/)
- Summer programs may provide need based scholarship
- If you have an idea where you want to work for the summer, explore hospitals, medical schools, health organizations in the area. Review websites and make contacts with people on site.
- Some programs have fees associated with them – research carefully!
- Summer programs are competitive – apply to multiple for best chances
PRE-HEALTH ADVISING

Abby Voss, Assistant director
Nicole Labrecque-Blue, Program Manager

Pha@brandeis.edu

For appointments call academic services at
781-736-3470

Online appointment scheduling.

Quick questions drop-in appointments
Monday – Friday, 1:30-2:30pm