Here are two summer research opportunities that Nathan Smith Society students might want to look into at Penn State and at St. Jude's Research Hospital (Memphis).

-Lee

#1 STEP-UP/Penn State/Biomedical Research for URM/Disadvantaged Students
Feel free to contact me with any questions about STEP-UP

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Summer Internships Available in Biomedical Research

Underrepresented minority and disadvantaged students can study diabetes, nutrition, obesity, digestive and kidney disease, hematological, urologic, endocrine or metabolic diseases.

Through STEP-UP, a program of the National Institutes of Health (NIH), undergraduates who have completed at least one year of college can participate in 10 weeks of full-time basic or clinical research. Participants will receive:

- A stipend of $4,500
- Travel expenses to the STEP-UP conference August 2-5, 2015 in Bethesda, MD.
- Limited housing is available—students must arrange and pay for their summer housing

Summer research can take place in any NIH-funded laboratory, and students will be matched with a mentor at their research institution choice whenever possible.

Apply online between November 15, 2014 and February 15, 2015, at:

stepup.niddk.nih.gov
Dear Faculty Member:

We invite your best students to apply for our NIH/NCI-funded (5 R25CA023944-31) Pediatric Oncology Education (POE) Program <http://www.stjude.org/poe>. The program offers a unique opportunity for pre-doctoral students preparing for careers in the biomedical sciences, medicine, and pharmacy to gain biomedical and oncology research experience. Students participate in basic or clinical oncology research, research and clinical conferences, and a core lecture series designed specifically for them. All participants make a PowerPoint presentation on their research project and submit a report on their research project written in the style of a journal in which their faculty mentor publishes.

A primary goal of the POE program is to encourage students to pursue a career in cancer research. Thus, we are particularly interested in highly qualified students with a serious career interest in cancer research, either as a clinical scientist or laboratory-based research scientist.

Prior research experience is required for all applicants. The POE 2014 class average undergraduate GPA was 3.80. In 2014, 51 students from 39 schools in 20 states and the District of Columbia were selected from 500 applicants. POEs must be United States citizens, non-citizen nationals, or possess a visa permitting permanent residence in the United States (required by the funding agency). All must have completed at least their college sophomore year by the time they participate. Medical students spend a minimum of 9 weeks in the program. The minimum tenure requirement for all others is 11 weeks (10 weeks for returning students). All POE applicants must have an undergraduate GPA of at least 3.40 (on a 4.0 scale) in math and science (biology, chemistry, and physics) and at least a 3.40 overall. The remuneration is $4,000. Fully furnished group housing adjacent to our campus is provided at no cost for non-local participants.

The POE home page <http://www.stjude.org/poe> contains links to the program application. The deadline for receipt of all 2015 application materials is February 1, 2015. Early application is highly recommended, since we make some early placements. Letters of recommendation sent as PDF attachments to email are requested. Members of underrepresented ethnic minority groups and women are particularly encouraged to apply, since one of our major long-term program goals is to increase the diversity of persons engaged in oncology research and practice. Our NIH/NCI-funded (2 P30CA021765-34S1) Continuing Umbrella of Research Experiences (CURE) grant provides remuneration for additional undergraduate under-represented minority POE Program participants.

I would appreciate your sharing this information with your top students and interested colleagues. Thank you for your time!

Suzanne Gronemeyer, PhD
Director, Pediatric Oncology Education (POE) Program
Associate Director, Academic Programs