



Intramural Training Programs at NIH/NICHD

Office of Education

Dr. Yvette Pittman

August 1, 2013



Intramural Research Program

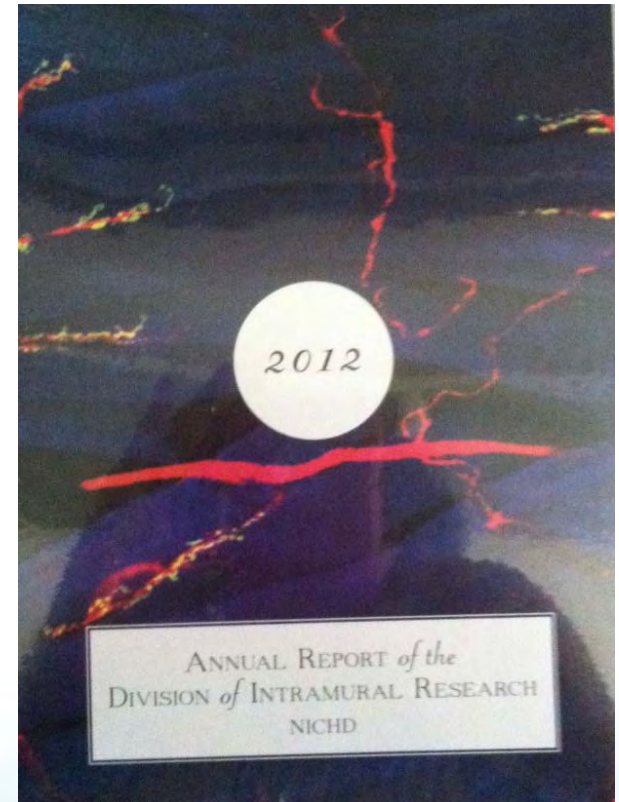
Our Research Changes Lives

one program
many people
infinite possibilities



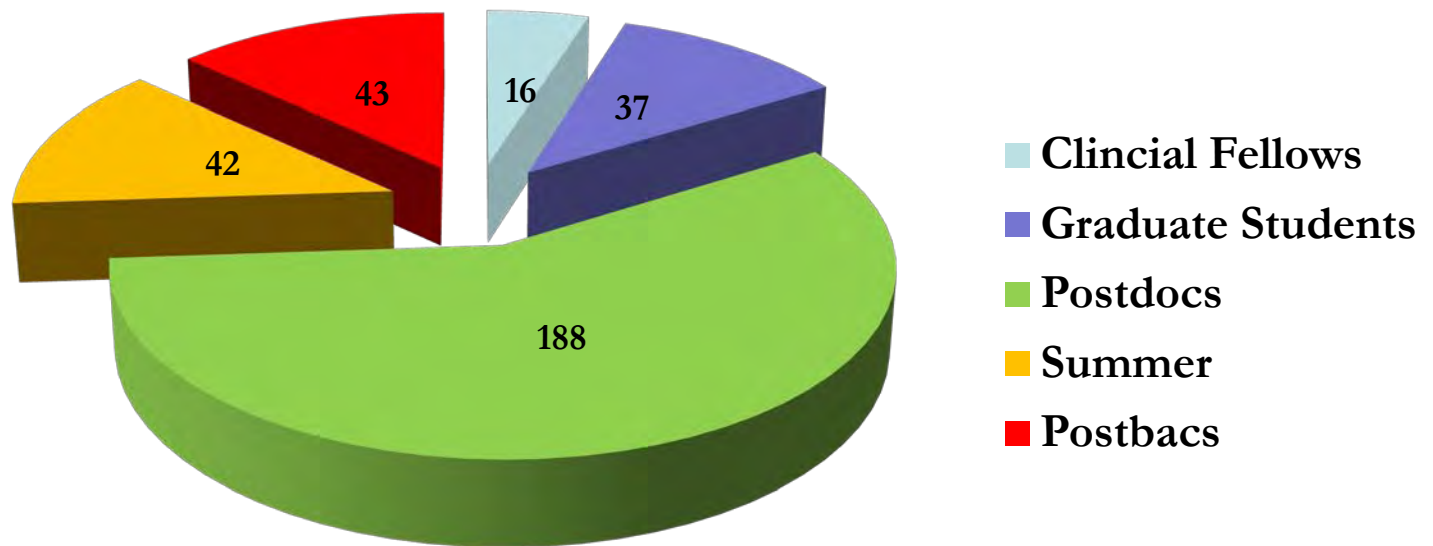
NICHD-Division of Intramural Research Programs

- Cell Biology and Metabolism
- Cellular Regulation and Metabolism
- Developmental Endocrinology and Genetics
- Developmental Neuroscience
- Genomics of Differentiation
- Molecular Medicine
- Pediatric Imaging and Tissue Sciences
- Perinatal Research and Obstetrics
- Physical Biology
- Reproductive and Adult Endocrinology



NICHD-Division of Intramural Research

- comprises over 75 principal investigators and over 300 postbaccalaureate, clinical, and postdoctoral fellows and graduate students



NICHD-DIR Office of Education

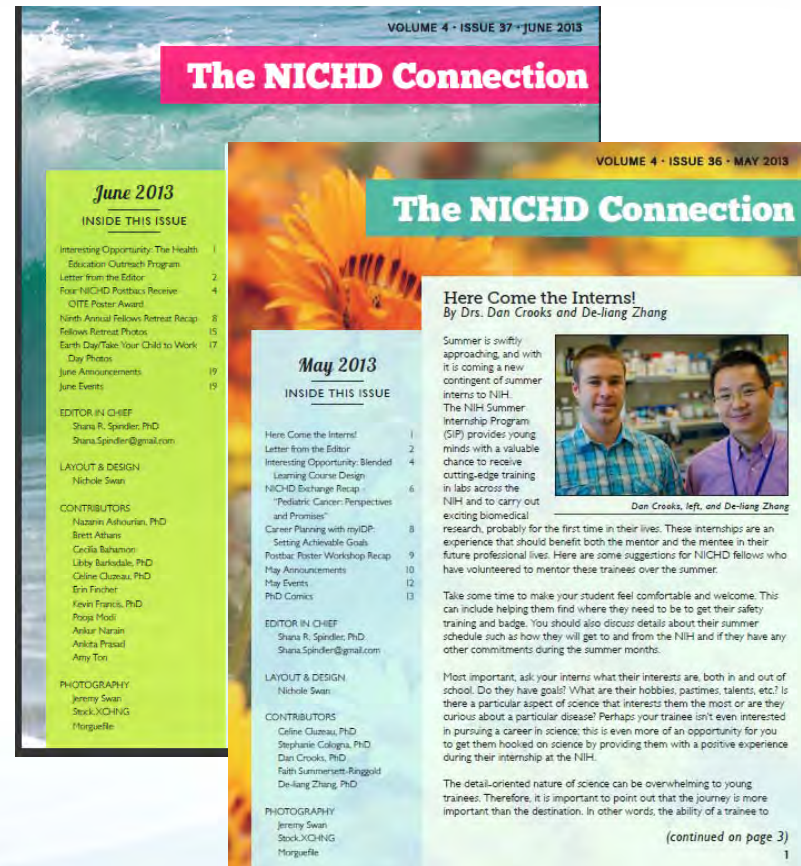
- delivers workshops, programs, and individualized opportunities to a population averaging over 300 trainees
- Key programs including public speaking workshops (giving one-hour talks and “elevator pitches”), job interviewing, writing and editorial services, annual one-day grant writing workshop, study section education, career presentations and counseling, college teaching workshop series associated with the University of Maryland, and our annual "Becoming an Effective Scientist" postbac course
- Each spring, a retreat for fellows and graduate students, which includes presentations by fellows and a poster presentation by each attendee, is held for about 80 people to address scientific developments and careers



NICHD-DIR Fellows Newsletter

<https://science.nichd.nih.gov/confluence/display/newsletter/Home>

- **NICHD Connection**, a monthly newsletter run and written by fellows, continues its focus on mentoring, career, and academic programs



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Summer Internship Program in Biomedical Research

<https://www.training.nih.gov/programs/sip>

- Spend eight to ten weeks conducting biomedical research with NH investigators, students generally arriving at NIH in May or June
- The application for summer 2014 will be available in mid-November to March 1
- Sponsors a wide range of summer activities, including lectures featuring distinguished NIH investigators, career and professional workshops/webinars, and Summer Poster Day
- Before you begin, take a look at the Applying Successfully Video

NICHD: 25% of our summer slots are set aside for students traditionally underrepresented in science



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NIH Undergraduate Scholarship Program

<https://www.training.nih.gov/programs/ugsp>

- Offers a competitive scholarship to students from disadvantaged backgrounds (based on financial need) who are committed to careers in biomedical science
- Scholarship support
- Paid research training at NIH during the summer
- Paid employment and training at the NIH after graduation



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Postbac Program (for recent college graduates)

https://www.training.nih.gov/programs/postbac_irta

- A biomedical research program that enables recent college graduates who are planning to apply to graduate or professional (medical/dental/pharmacy) school to spend one or two years in full-time research with NIH investigators.
- A wide range of career and professional development activities oral and poster presentation workshops, Graduate & Professional School Fair, and Postbac Poster Day
- Advice to Applicants – Online Resources: Videocast “Applying to the NIH Postbac Program”



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NICHD Developing Talent Scholars Program:

Committed to train, support, and sustain a diverse cohort of individuals traditionally underrepresented in science

Objectives

- To provide a superlative research and mentoring experience scholars
- To tailor an academic and professional skills development program to the needs of the individual trainee
- To foster networking skills and collaboration across NICHD and NIH
- To guide the scholar, on a continuing basis, in his or her continued professional development through an alumni liaison program



Name: Dezmund Taylor-Douglas
Title: Third year MD/PhD student,
Howard University College of Medicine
NICHD Advisor: Jack Yanovski, MD, PhD

If you would like to learn more, please contact Brenda Hanning at hanningb@mail.nih.gov



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Graduate Partnership Program

<https://www.training.nih.gov/programs/gpp>

- Designed to bring PhD graduate students to NIH Intramural program for their dissertation research
- Participants enjoy the academic environment of a university, the extensive research resources of the NIH
- Some of the NIH-University Partnerships:
 - Brown University – Neuroscience
 - Georgetown University – Biomedical Sciences
 - Johns Hopkins - Cell, Molecular, Developmental Biology & Biophysics
 - University of Oxford / University of Cambridge (England)
- Can create an individual partnership with a MOU between the university and NIH



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NIH Postdoctoral Training

https://www.training.nih.gov/programs/postdoc_irp

- provides the opportunity for recent doctoral degree recipients to enhance their research skills in the resource-rich National Institutes of Health (NIH) environment
- Trainees can pursue basic, translational, and clinical research free from the demands of obtaining grants and teaching, although opportunities to do both are available.



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NICHD Fellows Recruitment Incentive Award (FRIA)

- Objective: to encourage DIR investigators to appoint postdoctoral fellows to their laboratories who come from underrepresented backgrounds in science
- PI awardees will exhibit superior mentoring ability, and commitment to the career development and academic progress of their fellows
- The PI will work with the fellow to identify a secondary mentor outside of the laboratory and meet at least four times per year to discuss the fellow's individualized training plan and research progress



For Trainees Outside The NIH

https://www.training.nih.gov/for_trainees_outside_the_nih

The Office of Intramural Training & Education (OITE)'s workshops and science skills tutorials are now available online to trainees across the United States and around the world.

Videocasts on designing and delivering successful oral and poster presentations, using LinkedIn effectively, grant writing, CV and resumes, networking, and more

Webinars and guidelines covering a variety of science skills: keeping a lab notebook, attending your first scientific meeting, preparing for your professional school interview, Medical School Application Schedule for Admission in August 2014.



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Any Questions:

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