Summer Student Orientation
National Institute on Drug Abuse
Intramural Research Program

Stephen J. Heishman, Ph.D., Director
Office of Education and Career Development
Room 2A641, ext. 2458
heishman@nih.gov
Mentoring

- What is a mentor?
- Knowing a good mentor when you meet one
- Seek out more than one mentor
- Communicating your research findings
- Where do you want to be in 3-5 years?
Conducting Ethical Research

• Responsible Conduct of Research course
• Documentation of data
• Prohibited research
  ✓ human fetal tissue
  ✓ human cloning
• Can’t leave with govt. records, equipment
National Institutes of Health

The mission of the NIH is to uncover new knowledge that will lead to better health by:

• Conducting research in its own laboratories (intramural)

• Providing support for research conducted at universities, medical schools, and research institutions (extramural)

• Training research investigators
NIH consists of 27 Institutes and Centers

- NHLBI
- NCCAM
- CIT
- NEI
- NCI
- CC
- NHGRI
- NIA
- NIAAA
- NIAID
- NIMH
- NIDCR
- NIDCD
- NIDDK
- NIDA
- NIEHS
- NIMH
- NINDS
- NIAMS
- NIBIB
- NINR
- NCRR
- NIGMS

⇒ Extramural only

- OD
- FIC
- CSR
- NCMHD
- NCRR
- NIGMS
NIH has 75 buildings on 322 acres in Bethesda, Maryland
National Institutes of Health
Biomedical Research Center
Baltimore, MD

Intramural Research Programs
- NIDA
- NIA
NIDA Intramural Research Program
Research Branches

• Clinical Pharmacology & Therapeutics
• Neuroimaging
• Behavioral Neuroscience
• Integrative Neuroscience
• Molecular Targets & Medications Discovery
• Cellular Neurobiology
• Molecular Neuropsychiatry
How many researchers are at NIH?

1250 intramural research laboratories

- 1000 summer students
- 500 postbaccalaureate trainees
- 100 medical students
- 300 graduate students
- 4,000 postdoctoral fellows
- 200 staff clinicians
- 800 staff scientists
- 300 tenure-track investigators
- 1,200 senior investigators
Postbaccalaureate Program

Postbaccalaureate IRTA

- Plan to pursue MD, PhD, or MD/PhD
- Continuous review of applications – no deadline
- Eligible for 3 years after Bachelor’s degree or 6 months after Master’s degree
- Spend up to 2 years at NIH with possible 3rd year extension

NIH Academy Program

- Focus on health disparities
- Fellowship or certificate
What can you expect?

• Learn scientific skills
• Gain experience in presenting scientific results
• Develop an understanding of the ethics of biomedical research
• Gain info on applying to graduate or medical school
What can you expect?

• Be a member of basic science or clinical research teams
• Receive close mentoring from senior scientists working on the frontiers of biomedical research
What can you expect?

- Attend lectures and seminars on the latest advances in addiction research
- Present your work at the annual Poster Day
Useful Web Sites

NIDA IRP: [http://irp.drugabuse.gov](http://irp.drugabuse.gov)


NIH Training: [https://www.training.nih.gov](https://www.training.nih.gov)