

Summer Student Orientation

National Institute on Drug Abuse Intramural Research Program



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Mentoring and Training

- 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

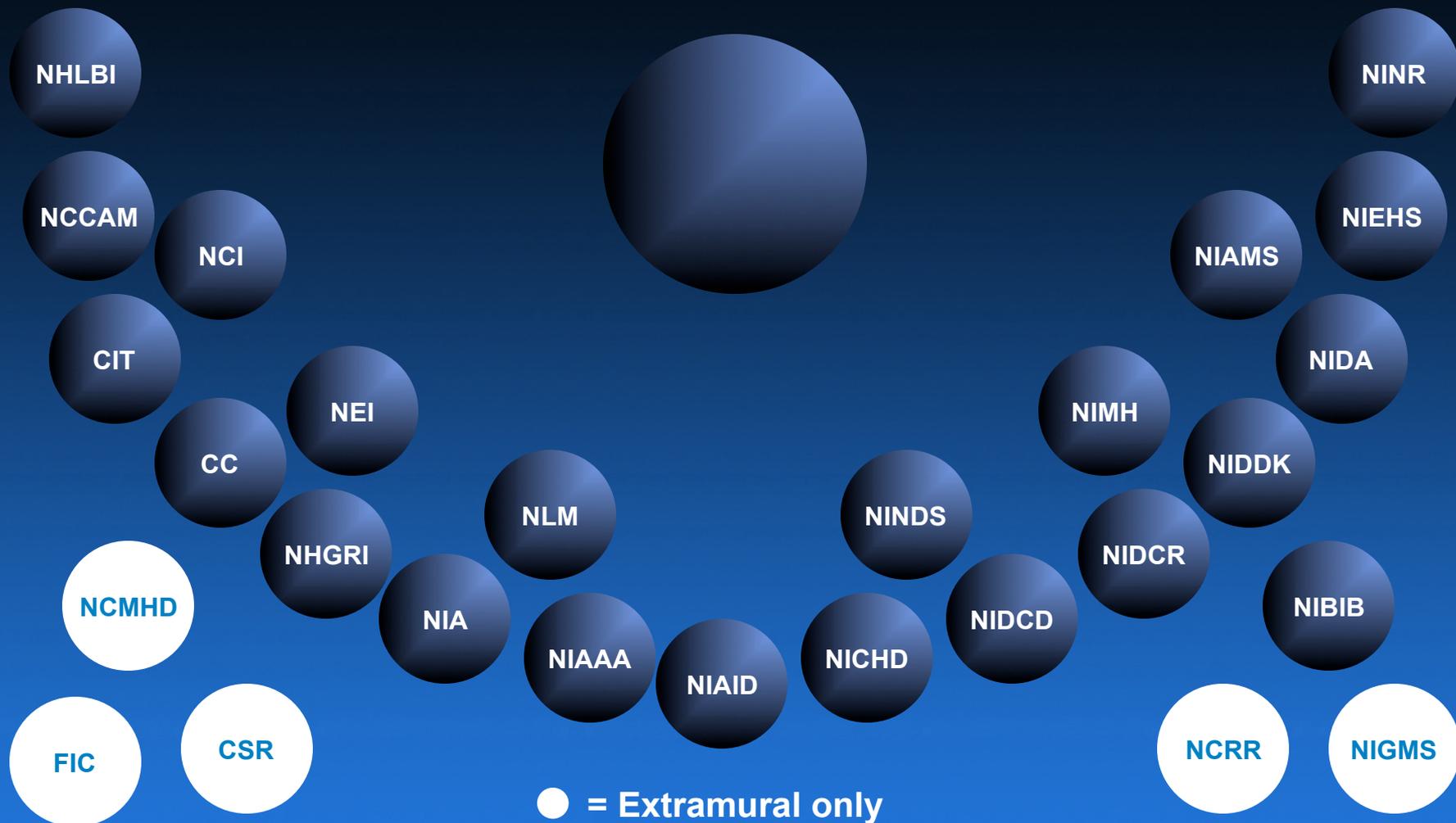
- Online ethics course (handout & webpage)
- Documentation of data
- Prohibited research
 - ✓ human fetal tissue
 - ✓ human cloning
- Can't leave with govt. records, equipment

National Institutes of Health

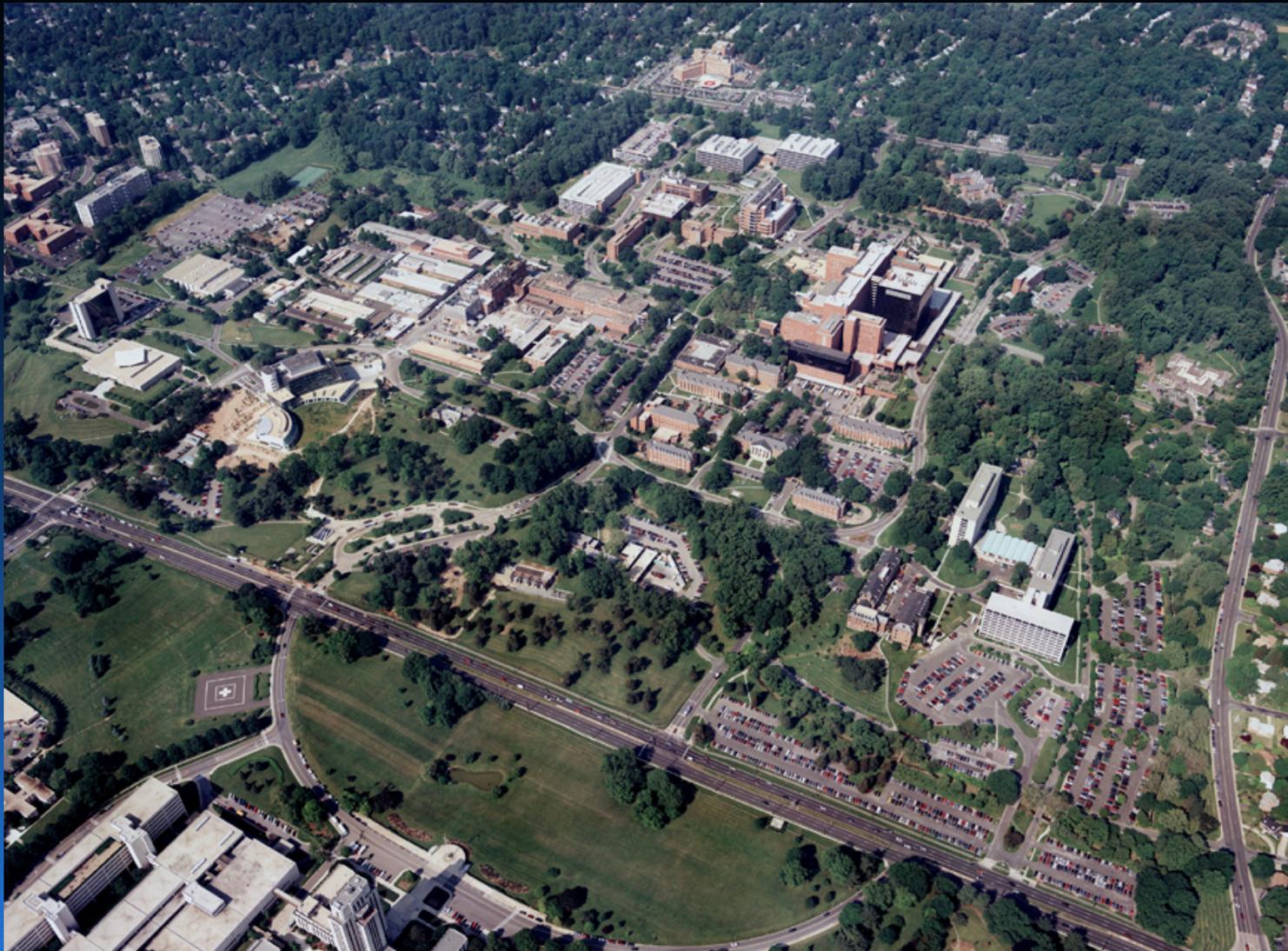
The mission of the NIH is to uncover new knowledge that will lead to better health by:

- Conducting research in its own laboratories (**intramural**)
- Providing support for research conducted by scientists in universities, medical schools, and other research institutions throughout the world (**extramural**)
- Training research investigators

NIH consists of 27 Institutes and Centers



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

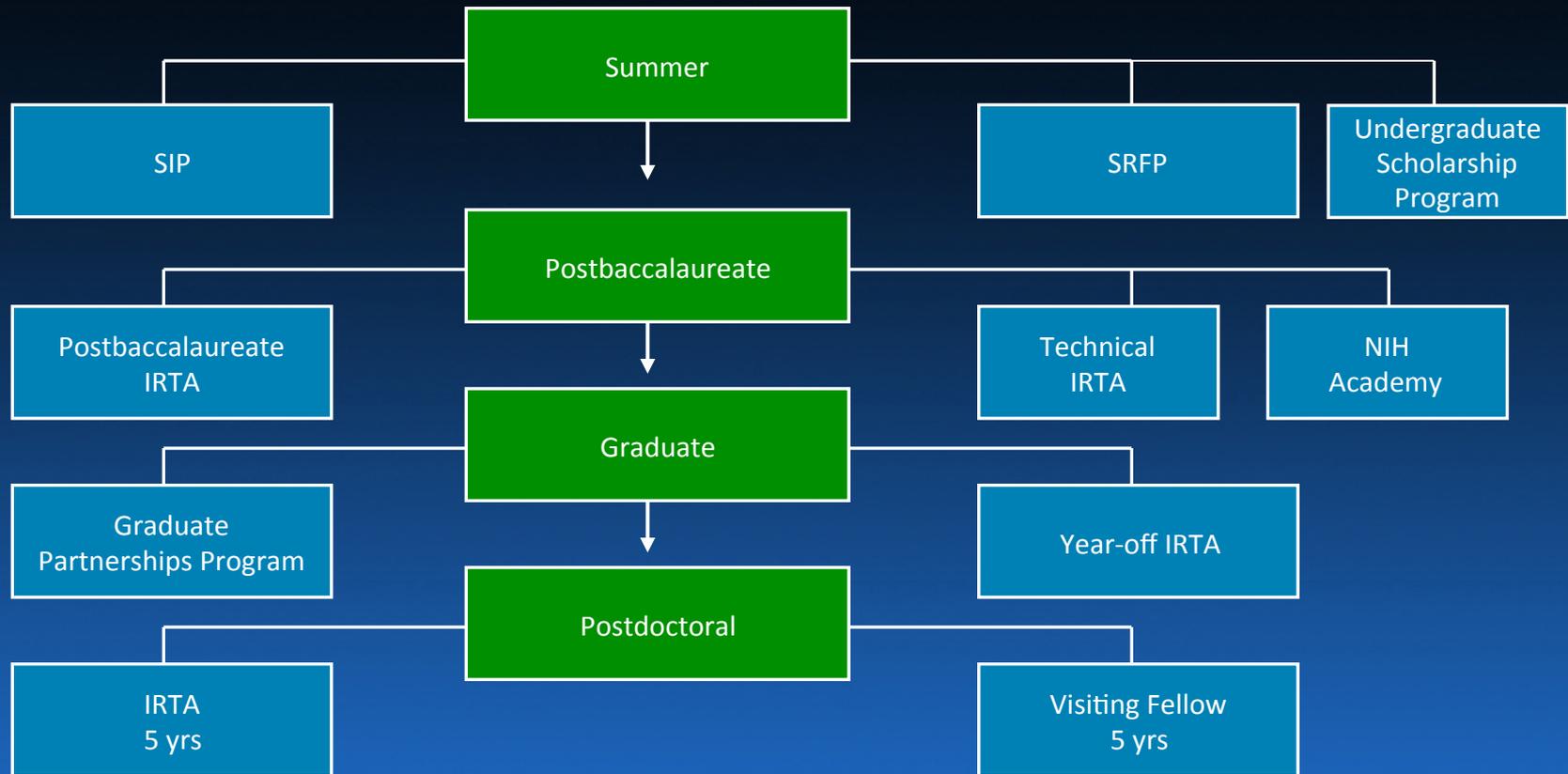
200 staff clinicians

800 staff scientists

300 tenure-track investigators

1,200 senior investigators

Intramural Training Programs



Postbaccalaureate Programs

- Postbaccalaureate IRTA – plan to pursue MD or PhD. Continuous review of applications; eligible for 2 years after Bachelor's degree awarded. Spend up to 2 years at NIH. No deadline.
- Technical IRTA – plan to become research support personnel (BS/MS). No deadline.
- 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



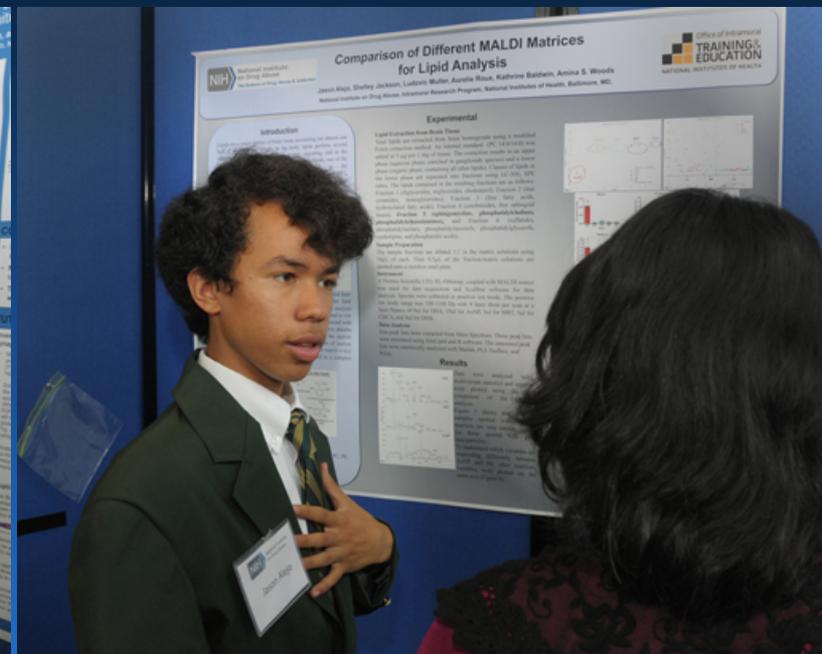
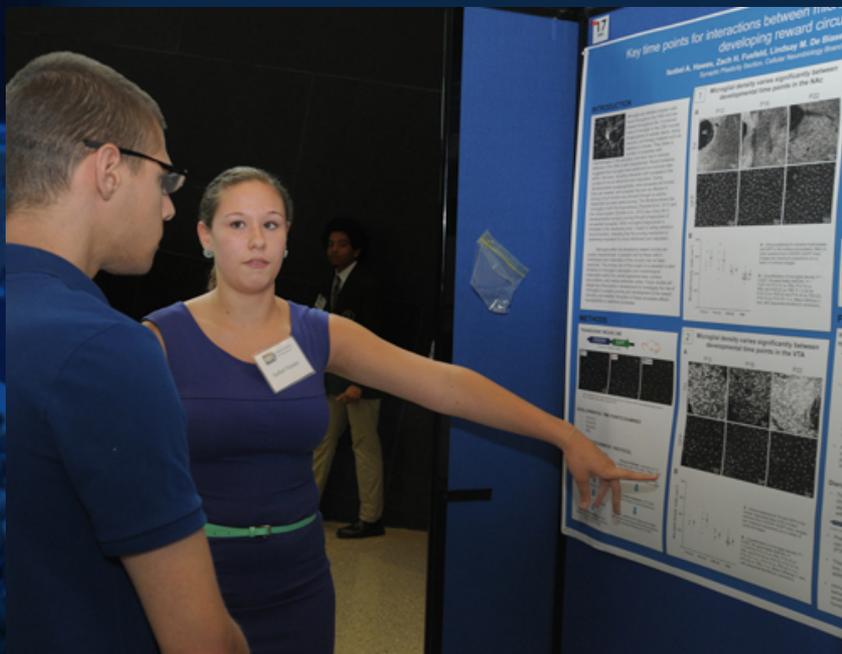
What can you expect?

- 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>

NIDA Training:

<http://irp.drugabuse.gov/training.php>

NIH IRP: <http://irp.nih.gov>

NIH Training: <https://www.training.nih.gov>