INTRODUCTION

WHO CAN I TALK TO ABOUT RESEARCH TRAINING OR CAREER DEVELOPMENT?

Contact a NIDA Program Official Early

• Research Training Committee

WHAT’S HAPPENING IN RESEARCH AT NIDA?

• 2010 Strategic Plan, NIDA
• Offices, Center, Divisions, Programs, Workgroups

WHERE CAN I FIND INFORMATION ON DRUGS OF ABUSE?

• Drugs of Abuse Information
• NIDA Drug Supply Program

WHERE CAN I FIND INFORMATION ON GENETICS AT NIDA?

• NIDA’s Priorities for Human Genetics Research
• Genetics Research Resources
• See Research Education Grants for Statistical and Computational Training in the Genetics of Addiction (R25) below

WHERE CAN I FIND INFORMATION ON NEUROSCIENCE RESOURCES?

• Neuroscience Information Framework

WHAT TRAINING AND CAREER DEVELOPMENT FUNDING IS AVAILABLE?

• Research Training Opportunities at NIDA
• General Information on Research Training and Career Development at NIH
• Research Training and Career Development at NIH FAQs

WHERE CAN I FIND GENERAL INFORMATION ABOUT GRANTS?

• All About Grants Podcast

MECHANISMS FOR TRAINING, MENTORED CAREER, AND EDUCATIONAL AWARDS
PREDOCTORAL AND POSTDOCTORAL TRAINING - INDIVIDUAL

WHAT TYPES OF GRANT FUNDING ARE AVAILABLE FOR PREDOCTORAL FELLOWS?

*Individual Fellowships*
- Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral MD/PhD and Other Dual Doctoral Degree Fellows (F30)
- Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows (F31)
- Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research (F31)

*Dissertation Award*
- Drug Abuse Dissertation Research: Epidemiology, Prevention, Treatment, Services, and/or Women and Sex/Gender Differences (R36)

DO YOU HAVE CAREER ADVICE SPECIFICALLY FOR PREDOCTORAL STUDENTS?
- Graduate Students Considering a Postdoc, MP3, Transcript

WHAT TYPES OF GRANT FUNDING ARE AVAILABLE FOR POSTDOCTORAL FELLOWS?
- Ruth L. Kirschstein National Research Service Awards for Individual Postdoctoral Fellows (F32)
- Mentored Career Awards (see section below)

DO YOU HAVE CAREER ADVICE SPECIFICALLY FOR POSTDOCTORAL STUDENTS?
- Postdocs Thinking About Independence, MP3, Transcript
- Postdocs Thinking About a Mentored Career Award (see Mentored Career Award below)

PREDOCTORAL AND POSTDOCTORAL TRAINING – INSTITUTIONAL

WHAT OPPORTUNITIES ARE AVAILABLE FOR MY INSTITUTION TO TRAIN PRE- AND/OR POSTDOCTORAL FELLOWS?

*Institutional Training of Fellows*
- Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32)
- Jointly Sponsored Ruth L. Kirschstein National Research Service Award Institutional Predoctoral Training Program in the Neurosciences (T32)

IS THERE A LIST OF FREQUENTLY ASKED QUESTIONS FOR INSTITUTIONAL TRAINING GRANTS?
- NIH Research Training Grant Frequently Asked Questions

WHERE CAN I FIND A LIST OF CURRENT NIDA INSTITUTIONAL TRAINING GRANTS?
- NIDA Institutional Training Grant Sites
- Pre-doctoral
• Post-doctoral
• Pre- and Post-doctoral

PREDOCTORAL AND POSTDOCTORAL TRAINING – CAREER PLANNING

DO YOU HAVE ANY GENERAL CAREER ADVICE FOR ME?

• NIDA Mentoring Guide for Drug Abuse Researchers – Tips for Mentors and Mentees
• Practical Advice from Working Researchers - 4researchers.org, funded largely by DHHS

CAREER AWARDS

WHAT OPPORTUNITIES ARE AVAILABLE FOR CAREER DEVELOPMENT AT NIDA?

Career Development

Background

• NIH K Kiosk – Information About NIH Career Development Awards
• Using (Mentored) Career Development Awards to Achieve Independence, MP3, Transcript
• Enhance Your Research Capabilities through an Independent (Non-Mentored) Career Award, MP3, Transcript

Mentored Individual

• Mentored Research Scientist Development Award (K01)
• Mentored Clinical Scientist Development Award (K08)
• Mentored Patient-Oriented Research Career Development Award (K23)
• Mentored Quantitative Research Development Award (K25)
• NIH Pathway to Independence Award (K99/R00) & K99/R00 Questions and Answers

Mentored Institutional

• NIDA Mentored Clinical Scientists Development Program Award in Drug Abuse & Addiction (K12)

Midcareer Individual

• Independent Scientist Award (K02)
• Midcareer Investigator Award in Patient-Oriented Research (K24)

Other

• Academic Research Enhancement Award (Parent R15)
• Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers

MEDICAL SCIENTIST AWARDS

WHAT OPPORTUNITIES ARE AVAILABLE FOR MEDICAL SCIENTISTS?

• See individual fellowship award for MD/PhD (F30) and Mentored Career Awards above
• Medical Scientist Training Program (MSTP) – NIH Institutional Award
• AMA Resources for Medical Students – Non-NIH
• HHMI Medical Fellows Program – Non-NIH
• National Medical Fellowships – Non-NIH

DIVERSITY AWARDS
WHAT OPPORTUNITIES ARE AVAILABLE FOR RESEARCH TRAINING FOR DIVERSITY?
• See Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research (F31) above

NIDA Special Populations Office
• Diversity Supplements
• Diversity-promoting Drug Abuse Research Program (DIDARP) (R24)
• Research Development Seminar Series
• Summer Research with NIDA

Women & Sex/Gender Differences Research Program
• Women and Gender Research Group Related Funding Opportunities

RESEARCH EDUCATION AWARDS
WHAT OPPORTUNITIES ARE AVAILABLE FOR RESEARCH EDUCATION?
• Research Education Grants for Statistical and Computational Training in the Genetics of Addiction (R25) Institutional research education award for the development, testing, and application of new, innovative statistical and computational models to address genetics-based problems in addiction for undergraduate, graduate, and/or postdoctoral level students and may include US and non-US citizens

APPLICATION AND REVIEW

APPLICATION
HOW DO I APPLY TO NIDA? Identify and talk with a NIDA Program Official first (see above)

Application
Background
• Grant Application Basics
• NIH Tips for Applicants, Video
• NIH Grant Writing Tips Sheets
• Prepare to Apply & Register
• Apply Electronically
• Glossary & Acronym List
• Frequently Used Links
• Frequent Questions
• Using Plain Language, MP3, Transcript
Process

- Submitting Your Application
- NIH Forms and Applications
- Receipt Dates and Deadlines
  Scroll down for on-time submission information
- Grants Process Overview
- Tracking Your Application

Policies

- Ruth L. Kirschstein National Research Service Award (NRSA) Stipends, Tuition/Fees
- Final NRSA Policy for Tuition, Fees, and Health Insurance on Training Grants & Fellowships
- Table of Page Limits
- Submission of Letters of Reference for Career Development (K) Applications
- Submission of Letters of Reference for Kirschstein-NRSA Fellowship (F) Applications
- NIH Policy on Post-Submission Application Materials
- xTrain eRA Commons for Electronic Submission of Fellowship Appointment and Termination Forms

HOW CAN I DETERMINE IF MY APPLICATION IS AIDS OR AIDS-RELATED AND ARE THE RECEIPT DATES DIFFERENT FOR THESE APPLICATIONS?

AIDS

- AIDS and AIDS-Related Applications
- NIH Office of AIDS Research

Review

WHAT DO I NEED TO KNOW ABOUT PEER REVIEW AT NIH?

Overview:

- Guidelines and Fillable Templates for Reviewers
- Who Receives Your Grant Application and What Do They Do With It? MP3, Transcript
- Ins and Outs of a Study Section Meeting, MP3, Transcript
- NIH Review Criteria at a Glance, by Mechanism

HOW CAN I KEEP TRACK OF CHANGES IN PEER REVIEW AT NIH?

- Peer Review Process and Changes
- Enhancing Peer Review at NIH
- Peer Review Policies and Practices

WHERE ARE INDIVIDUAL FELLOWSHIPS REVIEWED?

Individual Fellowships
• Fellowship Study Sections Contact NIDA Program for advice. Request the Study Section in your application cover letter when you submit.

WHAT DO REVIEWERS LOOK AT WHEN THEY REVIEW AN INDIVIDUAL FELLOWSHIP APPLICATION?

• Definitions of Criteria and Considerations for F Critiques

  Predoctoral Fellowships- Guidelines for Reviewers

  • F30 NRSA Predoctoral MD/PhD Fellowships (PDF)
  • F31 NRSA Individual Predoctoral Fellowships (PDF)
  • F31 NRSA Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research (PDF)

  Postdoctoral Fellowships- Guidelines for Reviewers

  • F32 NRSA Individual Postdoctoral Fellowships (PDF)

WHERE ARE INSTITUTIONAL TRAINING GRANTS REVIEWED?

• NIDA-K Study Section for Training and Career Development Review

WHAT DO REVIEWERS LOOK AT WHEN THEY REVIEW AN INSTITUTIONAL TRAINING GRANT APPLICATION?

• Definitions of Criteria and Considerations for T32 Critiques
• T32 Guide for Reviewers (PDF)

WHAT DO REVIEWERS LOOK AT WHEN THEY REVIEW A CAREER AWARD APPLICATION?

• Definitions of Criteria and Considerations for Career Award Critiques

WHERE ARE MENTORED CAREER AWARD GRANTS REVIEWED?

• NIH Center for Scientific Review At NIDA, with the exception of the K99/R00 mechanism, career development applications will fully transition to CSR October, 2012
• NIDA-K Study Section for Training and Career Development Review At NIDA, the K99/R00 mechanism career development applications will continue to be reviewed in NIDA-K

WHAT GUIDELINES DO REVIEWERS USE TO REVIEW A MENTORED CAREER AWARD APPLICATION?

• K01 Mentored Research Scientist Development Award
• K08 Mentored Clinical Scientist Research Career Development Award
• K23 Mentored Patient-Oriented Research Career Development Award
• K25 Mentored Quantitative Research Career Development Award
• K99/R00 Pathway to Independence Award
WHAT GUIDELINES DO REVIEWERS USE TO REVIEW A RESEARCH EDUCATION AWARD (R25) APPLICATION?

- Consult the specific program announcement (see above), which always takes precedence over the general guidelines for the mechanism
- [R25 Guide for Reviewers](#)

**Award**

- [NIDA Grants Management Branch](#) The Grants Management Specialist will contact you when your application is being considered for award
- [Search NIH Awards (RePORTER)](#) And obtain NIH reports

WHAT OPPORTUNITIES ARE AVAILABLE FOR RESEARCH TRAINING ON THE NIH CAMPUS?

**Intramural Training and Career**

- [NIH’s Intramural Programs, MP3, Transcript](#)
- [NIH Office of Intramural Training and Education](#)

DO YOU HAVE SUMMER INTERNSHIPS ON THE NIH CAMPUS FOR HIGH SCHOOL STUDENTS?

- [NIH Summer Internship Program in Biomedical Research (SIP)](#)

ARE THERE OPPORTUNITIES THAT COMBINE RESEARCH TRAINING AT MY UNIVERSITY WITH TRAINING ON THE NIH CAMPUS?

**Combined Intramural/Extramural Training**

- [Graduate Partnerships Program (GPP)](#)

**LOAN REPAYMENT**

WHAT LOAN REPAYMENT OPPORTUNITIES ARE AVAILABLE?

**NIH LOAN REPAYMENT PROGRAMS (LRP)** – *Use this along with specific link below*

- [Loan Repayment Program for Clinical Researchers (LRP-CR)](#)
- [Loan Repayment Program for Clinical Researchers from Disadvantaged Backgrounds (LRP-IDB)](#)
- [Loan Repayment Program for Pediatric Research (LRP-PR)](#)
- [Loan Repayment Program for Contraception and Infertility Research (LRP-CIR)](#)
- [Loan Repayment Program for Health Disparities Research (LRP-HDR)](#)

**NEW INVESTIGATORS**

LOOKING AHEAD

WHAT TYPE OF GRANT FUNDING IS AVAILABLE FOR NEW INVESTIGATORS?
• Funding Opportunities at NIDA
• Types of Grant Programs

WHAT DO I NEED TO KNOW ABOUT BEING A NEW INVESTIGATOR AT NIH?

**New Investigators**
• Grant Writing for New Investigators, MP3, Transcript
• Considerations for Early Stage Investigators, MP3, Transcript
• New and Early Stage Investigator Policies

DO YOU HAVE ANY ADVICE FOR FIRST TIME R01 APPLICANTS?
• NIH R01 Tool Kit, Science Careers, from the Journal *Science*

WHAT ARE REVIEWERS LOOKING FOR IN A RESEARCH PROJECT GRANT? (R01/R03/R15/R21)
• Definitions of Criteria and Considerations for Research Project Grant Critiques

ARE THERE SPECIAL PROGRAMS FOR FOREIGN APPLICANTS/ INSTITUTIONS?
• Foreign-Specific Programs
• Foreign Grant General NIH Resources
• Foreign Grant Eligibility
• Foreign Grant Policies
• Foreign Grant Collaborations and Partnerships
• Visa Information from the NIH Division of International Services, ORS

ARE THERE NIH TOOLS FOR INVESTIGATING RESEARCH RESULTS?
• PubMed Central (PMC)
• PubMed
• Neuroscience Information Framework

HOW CAN I FIND OUT ABOUT PATENTS AND TRADEMARKS?
• US Patent & Trademark Office Patent Full Text and Image Database (Department of Commerce)