

NIH Academic Research Enhancement Award (AREA) R15

AASCU
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NIH Campus Today



GOALS OF THE AREA PROGRAM

- Three main goals are:
 - to support meritorious research,
 - to strengthen the research environment of the institution, and
 - to expose students to research.

NIH Academic Research Enhancement Award (AREA)

- Eligibility limited to schools that have received less than \$6 Million in NIH support (see </grants/funding/area.htm>)
- Direct cost limited to \$300,000 over entire project period
- Project period limited to up to 3 years
- Awards are renewable
- All NIH ICs utilize this mechanism except FIC an NCMHD

NIH Extramural Awarding Components

- National Cancer Institute (NCI)
- National Heart, Lung, and Blood Institute (NHLBI)
- National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
- National Library of Medicine (NLM)
- National Institute of Child Health and Human Development (NICHD)
- National Institute of Deafness and Other Communication Disorders (NIDCD)
- National Institute of Environmental Health Sciences (NIEHS)
- National Institute of Neurological Disorders and Stroke (NINDS)
- National Institute on Aging (NIA)
- National Institute of Allergy and Infectious Diseases (NIAID)
- National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)
- National Institute of Dental and Craniofacial Research (NIDCR)
- National Eye Institute (NEI)
- National Institute of General Medical Sciences (NIGMS)
- National Institute of Mental Health (NIMH)
- National Institute for Nursing Research (NINR)
- National Institute on Alcohol Abuse and Alcoholism (NIAAA)
- National Institute on Drug Abuse (NIDA)
- National Center for Complementary and Alternative Medicine (NCCAM)
- National Center for Research Resources (NCRR)
- National Human Genome Research Institute (NHGRI)
- National Institute of Biomedical Imaging and Bioengineering (NIBIB)

Eligibility

NIH considers the following to be health professional schools/colleges:

- School/College of Medicine, Veterinary Medicine, Podiatry, Nutrition, Dentistry, Osteopathy, Pharmacy, Public Health, Optometry, Nursing, Chiropractic Medicine, and Allied Health. All other NIH funding is considered "Other Academic."

When Preparing an Application

- Read instructions
- Never assume that reviewers “will know what you mean”
- Refer to literature thoroughly
- State rationale of proposed investigation
- Include well-designed tables and figures
- Present an organized, lucid write-up
- Obtain pre-review from faculty at your institution

NIH Grant Writing Tips:

http://grants.nih.gov/grants/grant_tips.htm

What's Changing?

- **Restructured Applications to Align with Enhanced Review Criteria**
 - Research Plan (includes new terminology, “Research Strategy”)
 - Resources
 - Biographical Sketch
- **New Page Limits for Research Strategy**
 - 12 page Research Strategy
 - Additional 1 page for Specific Aims

NEW APPLICATION FORMS

- As of January 25, 2010, use Adobe B Forms

Restructured Research Plan

- **RESEARCH STRATEGY**
- 1. Introduction to Application (Resubmission or Revision Applications only)
- 2. Specific Aims
- 3. Research Strategy
 - Significance
 - Innovation
 - Approach
 - Preliminary Studies for New Applications
 - Progress Report for Renewal/Revision Applications

Resources

- Requires Description of:
 - How the scientific environment will contribute to the probability of success of the project
 - Unique features of the environment
 - The institutional investment in the success of the investigator, e.g., resources, classes, etc.

BIOGRAPHICAL SKETCH

- New Personal Statement
- No More Than 15 Publications
 - To be chosen on the basis of
 - Recency
 - Importance to the Field
 - Relevance to the Proposed Research

The NIH Extramural Team



Program Officer Roles

Program Officials' Role in Application Development

- Scientific Initiatives at ICs
 - Develop concepts and Communicate goals
- Advise applicants on funding mechanisms, writing and technical assistance
- Advise on application procedures, requirements and general grant policy

Program Officials' Role at & After Review Meetings

- Attend and Observe Reviewers Enthusiasms and Concerns
- Discuss Summary Statements and Review Issues Raised with Applicants
- Advise on Resubmission Process

Program Officials' Role at Advisory Council Meetings

- Report and address any unresolved review concerns
 - Human Subjects concerns and Animal Welfare
- Address requirements for foreign applications

Program Officials' Role in Funding Decisions

- Priority Score/Percentile
- Areas of Emphasis
- Portfolio Balance

Overall Peer Review Process

Center for Scientific Review
or
Institute Review?

2 Level System for Application Review

1st Level

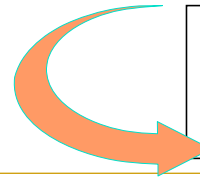
Scientific Review Group (SRG)

- Independent outside reviewers
- Evaluate scientific merit & significance
- Recommend length and level of funding

2nd Level

National Advisory Council

- Assesses Quality of SRG Review
- Makes Recommendation to Institute Staff on Funding
- Evaluates *Program Priorities and Relevance*
- Advises on Policy



DATA for AREA Awards

Fiscal Year	NIH Institutes/Centers	Number of Applications Reviewed	Number of Applications Awarded	Award Amount ¹	Success Rate ²
2008	FY TOTAL	758	212	\$44,172,133	28.0%
2007	FY TOTAL	862	216	\$45,228,704	25.10%
2006	FY TOTAL	723	184	\$37,938,780	25.40%
2005	FY TOTAL	661	197	\$39,740,776	29%
2004	FY TOTAL	619	193	\$37,633,031	31.20%

Average 724.6 200.4 \$40,942,685 27.7%

AREA NEWS YOU CAN USE

- New updated PA-10-070 reissued Dec 2009
- Due dates: Feb 25, June 25, Oct 25
- Eligibility - \$6 million
- Funding Level - \$300,000
- New page limit – 12 page Research Strategy
- Enhanced review criteria
- New rating system

**NIH Academic Research Enhancement Award
(AREA R15 Grants)**

Additional Information

AREA Webpage

<http://grants.nih.gov/grants/funding/area.htm>

Institutional Eligibility

http://grants.nih.gov/grants/funding/area_ineligible.xls

AREA Contacts

http://grants.nih.gov/grants/funding/area_contacts.htm

FAQs

http://grants1.nih.gov/grants/funding/area_faq.htm

SUCCESS Rates

http://report.nih.gov/award/success/Success_Rate_AREA_1997-2007.xls



NIH OFFICE OF EXTRAMURAL RESEARCH
Office of Extramural Programs

THANK YOU
Questions ?