



AG RESEARCH

GRANT A.I.D.

FINDING FUNDING OPPORTUNITIES

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DASNR Sponsored Programs

Finding Funding Opportunities

- Funding Strategy
 - Identifying Funding
 - Funding Rates
 - Reading the RFA
 - Proposal Information Form
-

FUNDING STRATEGY

Developing a Funding Strategy

An effective funding strategy:

- Helps identify needs and resources for your research
- Builds upon your research goals

Components of an effective funding strategy:

- A listing of all sources you are likely to seek, organized by likelihood of funding and priority of effort.
 - A calendar of deadlines and follow-up schedules.
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Developing a Funding Strategy

Developing your research program

- What new programs/research areas are you planning for the next five years? Where do you want your research program to be in five years?
- Which of the programs are compatible with your current mission and purpose?
- What stakeholders' needs does this program address?

Evaluating your capability to seek funding

- What makes you competitive?
- Do you have the expertise to conduct the research?
- Would your department be able to provide matching funds if necessary?

Researching potential funding sources

IDENTIFYING FUNDING

Two Major Funding Paths

Agency-published research solicitations

- RFA/RFP
- Usually a specific topic
- Usually a specific deadline

Unsolicited or investigator-initiated research proposals

- 50% of NSF and 80% of NIH research funding
- NSF core programs
- NIH Parent Announcements
- DOD Broad Agency Announcement (BAAs)



Type of Funding Opportunities

- Research
- Extension
- Education
- Conference
- Equipment
- Seed
- Pre- and Post-doctoral Fellowships
- Other

Funding Agencies

Government

- Federal
- State
- Municipal

Private

- Foundations/Not-for-Profits
- Industry
- Commodity Groups



Federal Funding Agencies

Funding Agency	What Agency Funds	
<p>U.S. Department of Agriculture (USDA) National Institute of Food and Agriculture (NIFA) https://nifa.usda.gov/page/search-grant</p>	<p>Funds a wide range of food and agriculture research, education, and extension grants including biotechnology, genomics, pest management, biofuels, animal health and products childhood obesity and more. Funds pre- and post doctoral fellowships.</p>	<p>Most research funding through AFRI. Also fund joint proposal with other agencies (NSF, DoD, NIH)</p>
<p>National Science Foundation (NSF) https://www.nsf.gov/funding/index.jsp</p>	<p>Funds research in science, mathematics, engineering, social science, and STEM education. Funds fellowships and instrumentation.</p>	<p>Fund basic research. Will not fund human disease-related research or research in the humanities.</p>
<p>National Institutes of Health (NIH) https://grants.nih.gov/funding/index.htm</p>	<p>Funds basic and applied research related to human health, including social science research. Fellowships, instrumentation, training grants.</p>	<p>Research must have implications for enhancement of health, lengthening life, and reduction of the burdens of illness and disability.</p>

Federal Funding Agencies

Funding Agency	What Agency Funds	
<p>Department of Energy (DOE)</p> <p>https://science.osti.gov/grants/FOAs/Open</p>	<p>Funds basic research related to energy, including advanced computing, biological and environmental research, basic energy sciences, high energy physics, nuclear physics, and more.</p>	<p>Offer new investigator-type grants in various program areas.</p>
<p>Environmental Protection Agency (EPA)</p> <p>https://www.epa.gov/research-grants</p>	<p>Funds research to improve EPA's scientific basis for making decisions on environmental issues.</p>	<p>Fellowships, research, small business grants.</p>
<p>Agency for International Development (USAID)</p> <p>https://www.usaid.gov/work-usaid/get-grant-or-contract/opportunities-funding</p>	<p>Applied research and development to evaluate new products, tools, approaches and interventions focusing on health concerns in developing countries.</p>	<p>Partners with Land Grant Universities to strengthen agriculture in developing countries.</p>

State Funding Agencies

Funding Agency	What Agency Funds	
Oklahoma Center for the Advancement of Science and Technology (OCAST) https://www.ok.gov/ocast/FUNDING OPPORTUNITIES/index.html	Assists Oklahoma's entrepreneurs, researchers and small businesses to create and apply innovation to create jobs and grow and diversify Oklahoma's economy.	Basic research, applied research, internships, Small business.

Foundations

Funding Agency	What Agency Funds	
Bill and Melinda Gates Foundation https://www.gatesfoundation.org/How-We-Work/General-Information/Grant-Opportunities	Projects to improve global health and development (especially preventing disease in children and empowering women and girls), and education of underprivileged US students.	Much of the funding is focused on interventions. Also funds basic research (especially related to disease prevention).
The Alfred P. Sloan Foundation https://sloan.org/programs	Supports research and education in STEM fields	Unsolicited research inquiries, early-career scientists fellowships.

General Resources for Funding Opportunities

- Grants.gov

<https://www.grants.gov/web/grants/search-grants.html>

- Philanthropy News Digest RFP Alert

<http://philanthropynewsdigest.org/rfps>

- Foundation Directory Online (access via the library with your Okey credentials)

<https://library.okstate.edu/databases/f/foundation-directory-online>

General Resources for Funding Opportunities

Sign-up for regular email updates or RSS feeds from funding sources

- USDA

<https://public.govdelivery.com/accounts/USDANIFA/subscriber/new?preferences=true>

- NSF

<https://service.govdelivery.com/accounts/USNSF/subscriber/new?qsp=823>

- NIH

<https://grants.nih.gov/grants/guide/listserv.htm>

DASNR Sponsored Programs Funding Opportunities Listserv

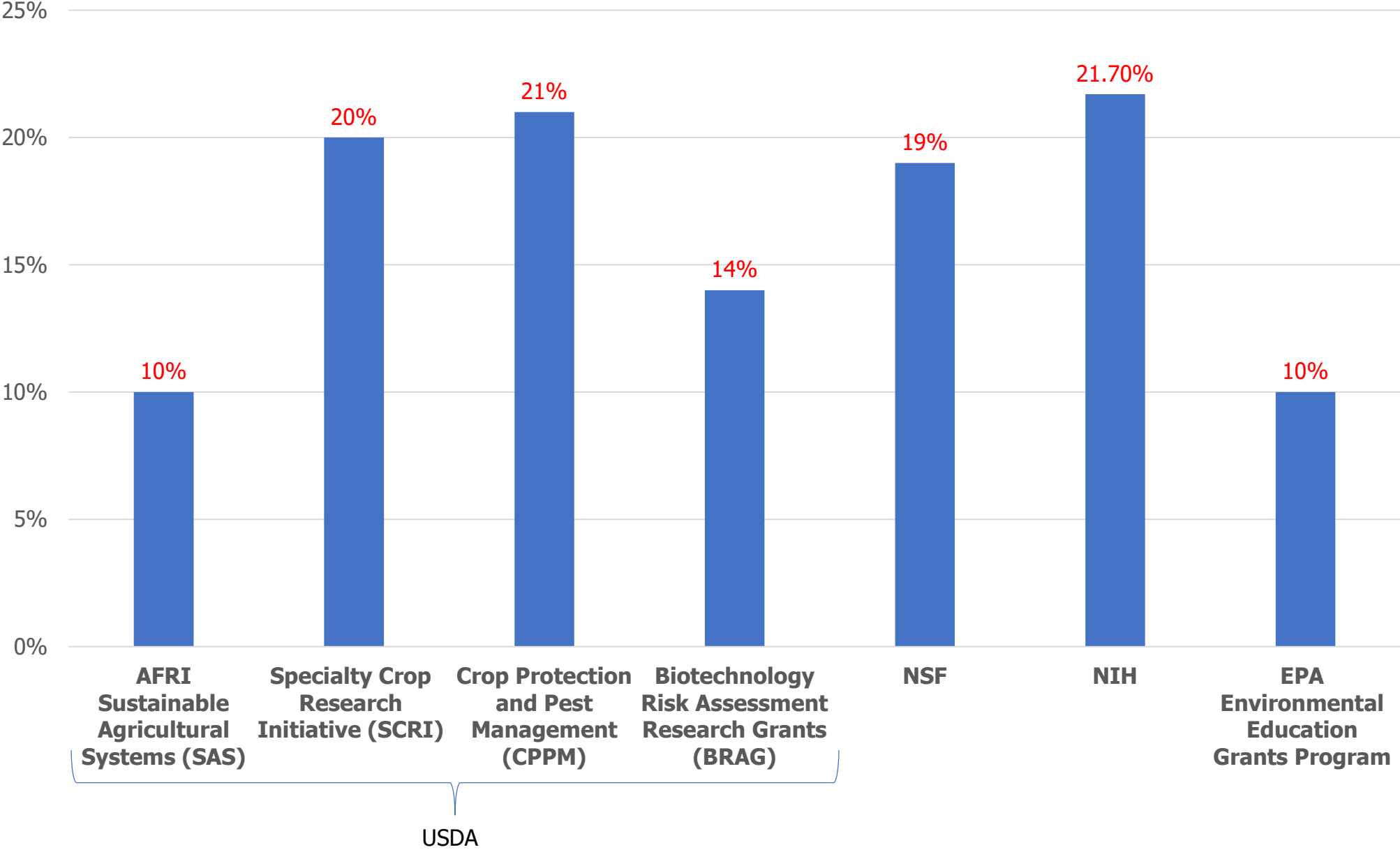
- Email: Hollie Schreiber (hollie.schreiber@okstate.edu) or Sogol Rasouli (sogol.rasouli@okstate.edu)

Other Resources for Finding Funding Opportunities

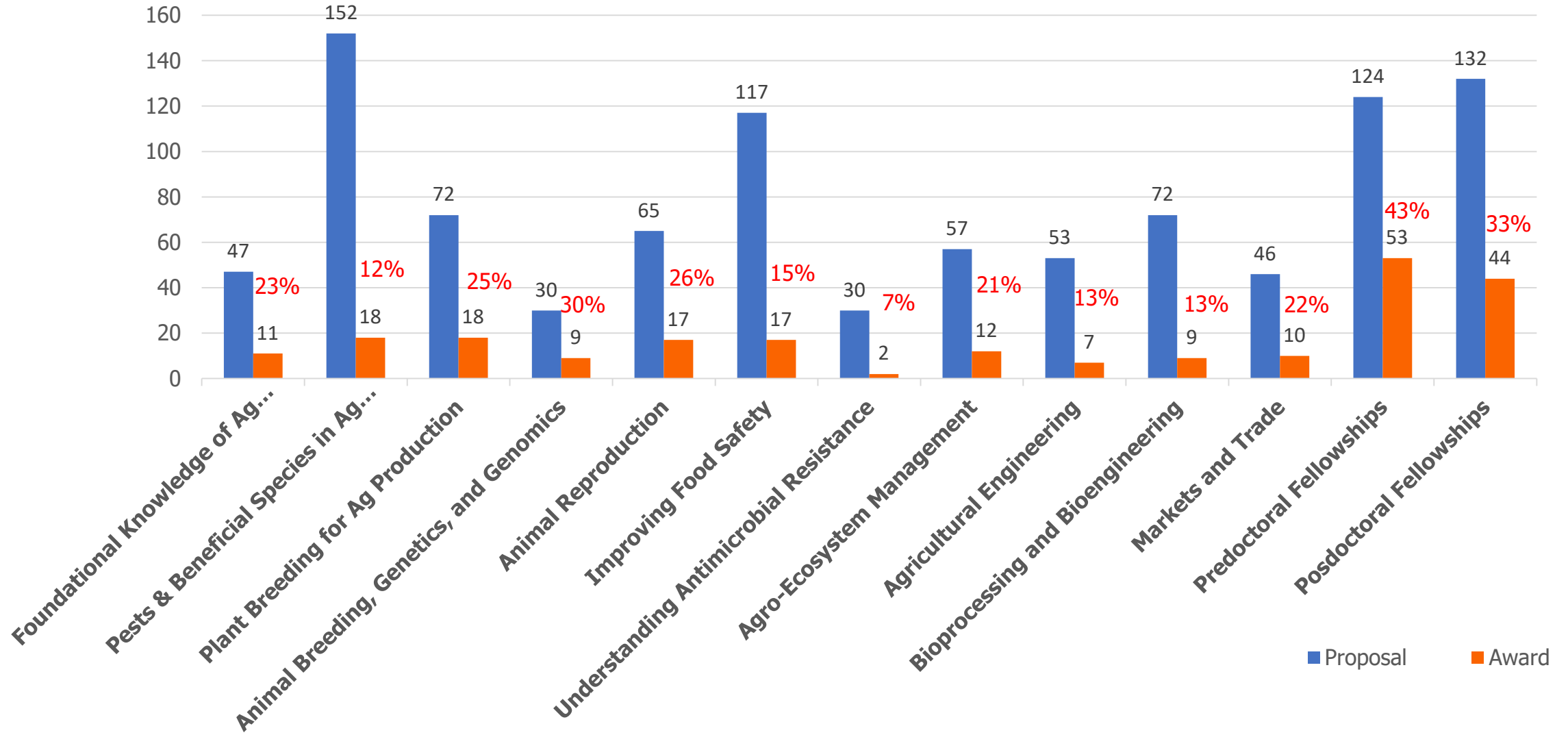
- Speak to a colleague who is in a similar field of research
- Speak to a colleague who has been a reviewer for the agency
- Speak to a colleague who has been on an advisory board of specific programs
- Look at the acknowledgement section of publications, presentations, etc.
- Networking in conferences, meetings, etc.
- DASNR Sponsored Programs

FUNDING RATES

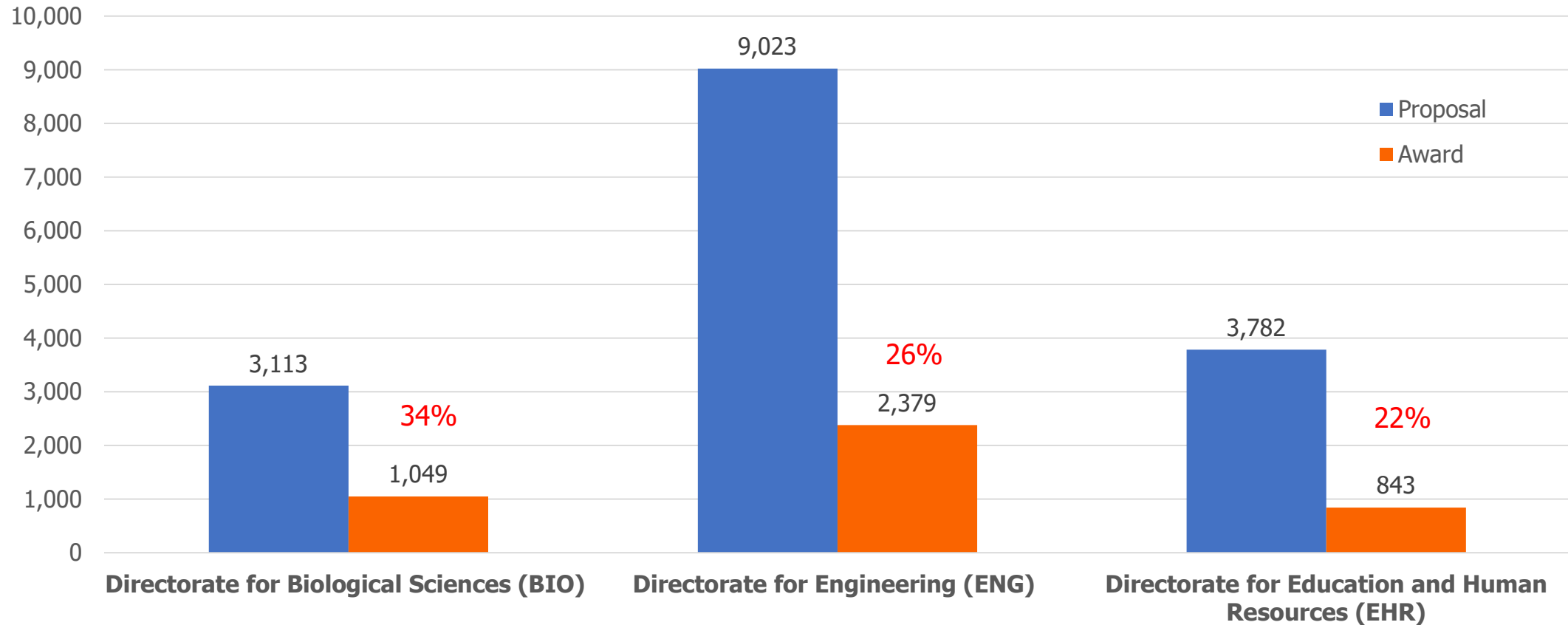
USDA, NSF, NIH Funding Rates



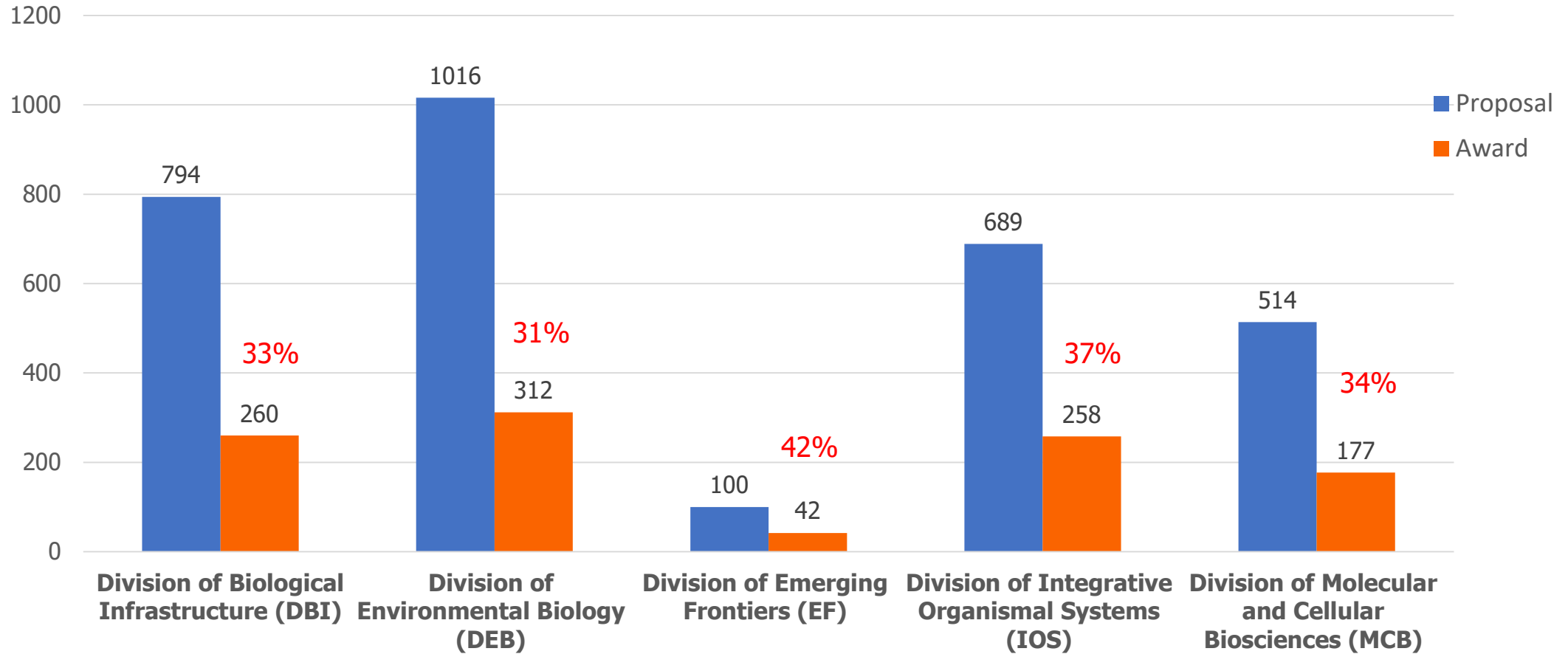
USDA AFRI FY 2016 Funding Rates by Program Area Priorities



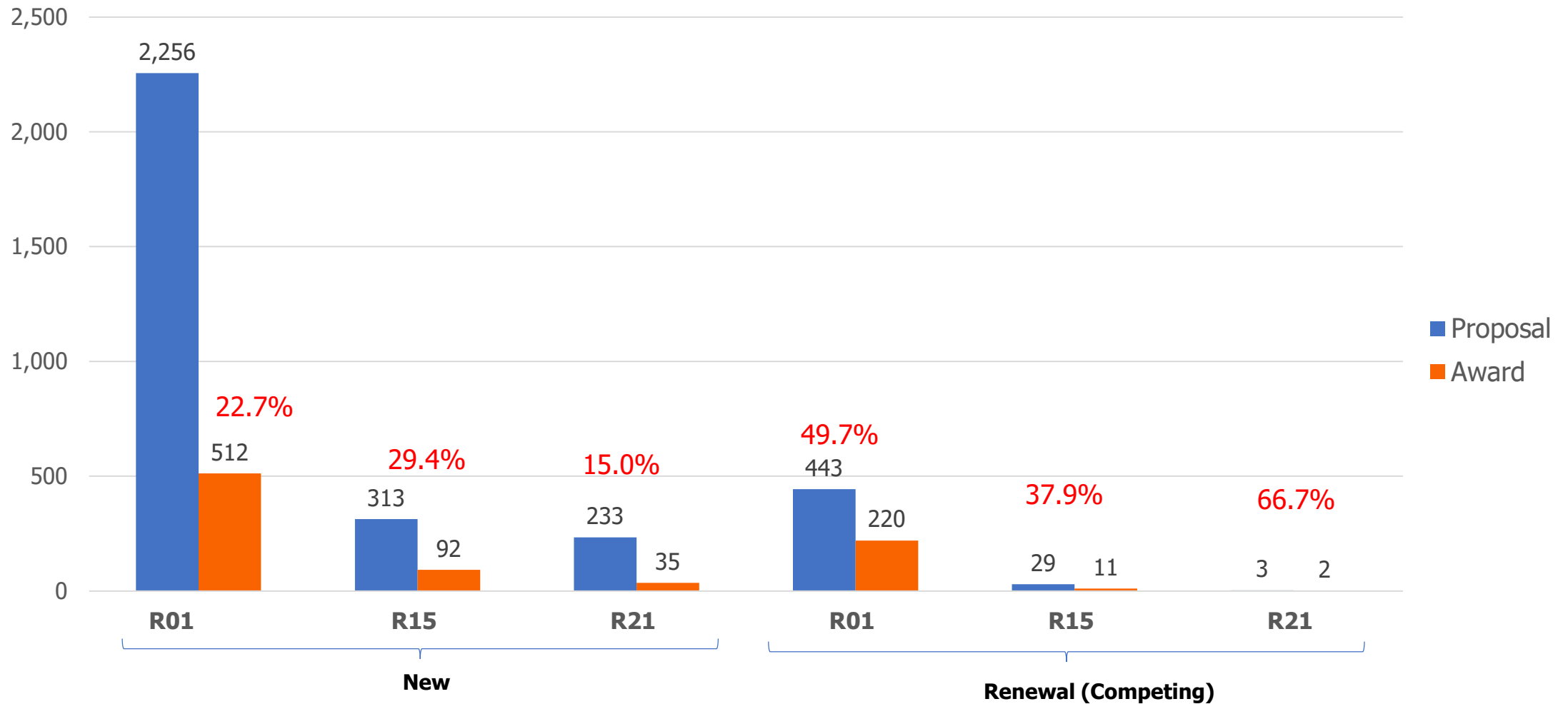
NSF FY 2019 Funding Rate by Organization



Funding Rate for Directorate for Biological Sciences (BIO)



NIH Success Rates for National Institute of General Medical Sciences (NIGMS) (FY 2018)



READING THE RFA

Reading the RFA

Program Description

- What are the goals of this program?
- What are the keywords or concepts?
- Does it give examples of activities that might be funded?

Reading the RFA

Program Description

Eligibility Information

- Eligible institutions
 - ❑ OSU is the the Applicant Organization
- Eligible individuals
- Limit on the number of awards by institution

Reading the RFA

Program Description

Eligibility Information

Key Dates

- Application due date (submission time and date)
- Is a Letter of Intent or a pre-application required? If so, what is the due date?

Reading the RFA

Program Description

Eligibility Information

Key Dates

Document Specifications

- What is the submission method?
- What are the page limits?
- What sections are included within the page limits?
- What are the font size and margins?

Reading the RFA

Program Description

Eligibility Information

Key Dates

Document Specifications

Budget

- Budget cap
- How many awards are expected to be made?
- Is cost-sharing required?
- What are the allowable costs? What costs are not allowed?

PROPOSAL INFORMATION FORM

Proposal Information Form =

<http://www.dasnr.okstate.edu/ag-sponsored-programs/resources-templates-guidelines/pif-1>

First step in the proposal process

- Notification to DASNR Sponsored Programs
- Allocation of workload and planning for deadlines
- Provide PI(s) with detailed routing, proposal development, and submission guidance.

Form content

- Basic information about the proposal and proposal team
- First page only

Submission

- Submit button or email to hollie.schreiber@okstate.edu

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