

FUNDING YOUR RESEARCH

- Finding the opportunities
- Writing your grant
- Understanding the review process

Finding the opportunities

The screenshot displays the NIH Office of Extramural Research website. At the top, the NIH logo and name are visible, along with a search bar. A navigation bar contains links for HOME, ABOUT GRANTS, FUNDING, FORMS & DEADLINES, GRANTS POLICY, eRA, and NEWS & EVENTS. A large blue banner reads "Grants & Funding".

On the left side, there are three vertical navigation menus:

- About Grants**
 - Grants Process Overview
 - Grant Application Basics
 - Types of Grant Programs
 - How to Apply
 - Peer Review Process
 - Award Management
 - Foreign Grants Information
 - Funding Strategies
- Electronic Grants**
 - Electronic Research Admin (eRA)
 - eRA Commons
 - Applying Electronically
- Forms & Deadlines**
 - Forms & Applications
 - Due Dates
 - Submission Policies
 - Submitting Your

The main content area features a "New to NIH Grants?" banner with a laboratory image and a right arrow. Below this is a "FUNDING" section with a search bar and links for "Funding Opportunities & Notices", "Unsolicited Applications (Parent Announcements)", and "Advanced Search".

On the right side, there is a "Recovery Act" section with a photo of a woman and a "Follow" button. Below it are "Latest News" items, including "Application Sub Feb. 26, 2015" and "Video & Q&A - Guidance & NIH", and "Upcoming Events" such as "2015 NIH Regional Baltimore, MD" and "03/05/2015 - N Public Access P Central submis My Bibliograph".

On the far right, a vertical sidebar contains two main sections:

- About Grants**
 - Grants Process Overview
 - Grant Application Basics
 - Types of Grant Programs
 - How to Apply
 - Peer Review Process
 - Award Management
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- Electronic Grants**
 - Electronic Research Admin (eRA)
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Below these is another section:

- Forms & Deadlines**
 - Forms & Applications
 - Due Dates
 - Submission Policies
 - Submitting Your

Finding the opportunities

The screenshot shows the NSF website's navigation menu. The 'FUNDING' menu is expanded, showing options like 'Search Funding Opportunities', 'Browse Opportunities A-Z', 'Recent Opportunities', 'Due Dates', 'Preparing Proposals', 'Policies & Procedures', 'Merit Review', 'Interdisciplinary Research', 'Transformative Research', and 'About Funding'. A featured article titled 'From sofas and beyond: Science storytelling' is visible, along with a search bar and other site navigation elements.

NSF National Science Foundation
WHERE DISCOVERIES BEGIN

SEARCH

HOME

FUNDING AWARDS DISCOVERIES NEWS PUBLICATIONS STATISTICS ABOUT NSF

Search Funding Opportunities
Browse Opportunities A-Z
Recent Opportunities
Due Dates
Preparing Proposals
Policies & Procedures
Merit Review
Interdisciplinary Research
Transformative Research
About Funding

**From sofas and beyond:
Science storytelling**

FULL STORY

Advancing the Sciences | Funding & Supporting | Inspiring & Educating

Simulating superconducting materials with ultracold atoms
February 23, 2015

Beyond silicon: New semiconductors moves spintronics toward
February 19, 2015

Perfect colors, captured with one ultra-thin lens
February 19, 2015

Nanotechnology: Better measurements of single molecules
February 18, 2015

FUNDING

AWARDS

D

Search Funding Opportunities

Browse Opportunities A-Z

Recent Opportunities

Due Dates

Preparing Proposals

Policies & Procedures

Merit Review

Interdisciplinary Research

Transformative Research

About Funding

Finding the opportunities- the right fit



- NIH or NSF
 - Basic vs Biomedical
 - Budget
 - Personnel

- NIH: RO1, RO3 or R21

- Discuss your idea with a program officer

Types of Awards @ NSF



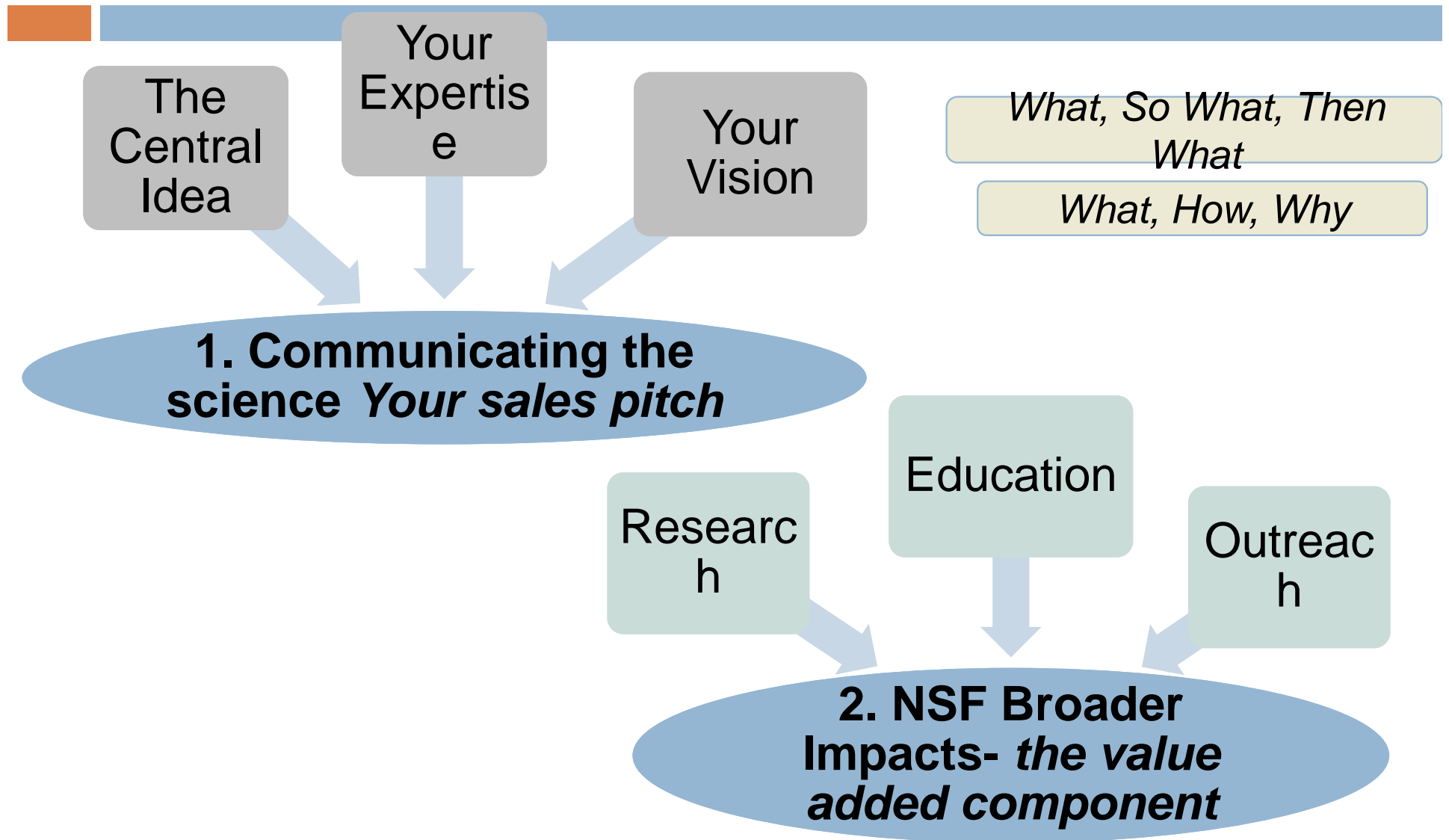
- (Individual) Research Awards
 - ▣ Faculty: Regular awards, CAREER
 - ▣ Post-docs: Emphasis areas
 - ▣ Students: Graduate Research Fellowships
- (Institutional) Awards
 - ▣ Research Instrumentation
 - ▣ Research Experiences for Undergraduates
- Supplemental Awards
 - ▣ Research Experiences for Teachers
 - ▣ Research experiences for High School Students
 - ▣ Research Opportunity Awards

Writing your grant



- Start early
- Articulating the focus
- Reach out to an audience beyond yourself
- Obtain feedback
- Keep the review criteria in mind
- Respect the solicitation guidelines
- Working with your research office

Writing your grant application



The Review Criteria

NIH

- Overall Impact
- Significance
- Investigator(s)
- Innovation
- Approach
- Environment
- Additional Review Criteria

- 9 point scale

NSF

- Intellectual Merit
- Broader Impacts
- Additional Review Criteria
- 3-4 Recommendation Categories