FUNDING YOUR RESEARCH

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

Joyce Fernandes, Miami University. Oxford OH

Finding the opportunitie

Finding the opportunities

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 Central Idea

Your Expertise

Your Vision

What, So What, Then What

What, How, Why

1. Communicating the science *Your sales pitch*

Research

Education

Outreach

2. NSF Broader Impacts- *the value added component*
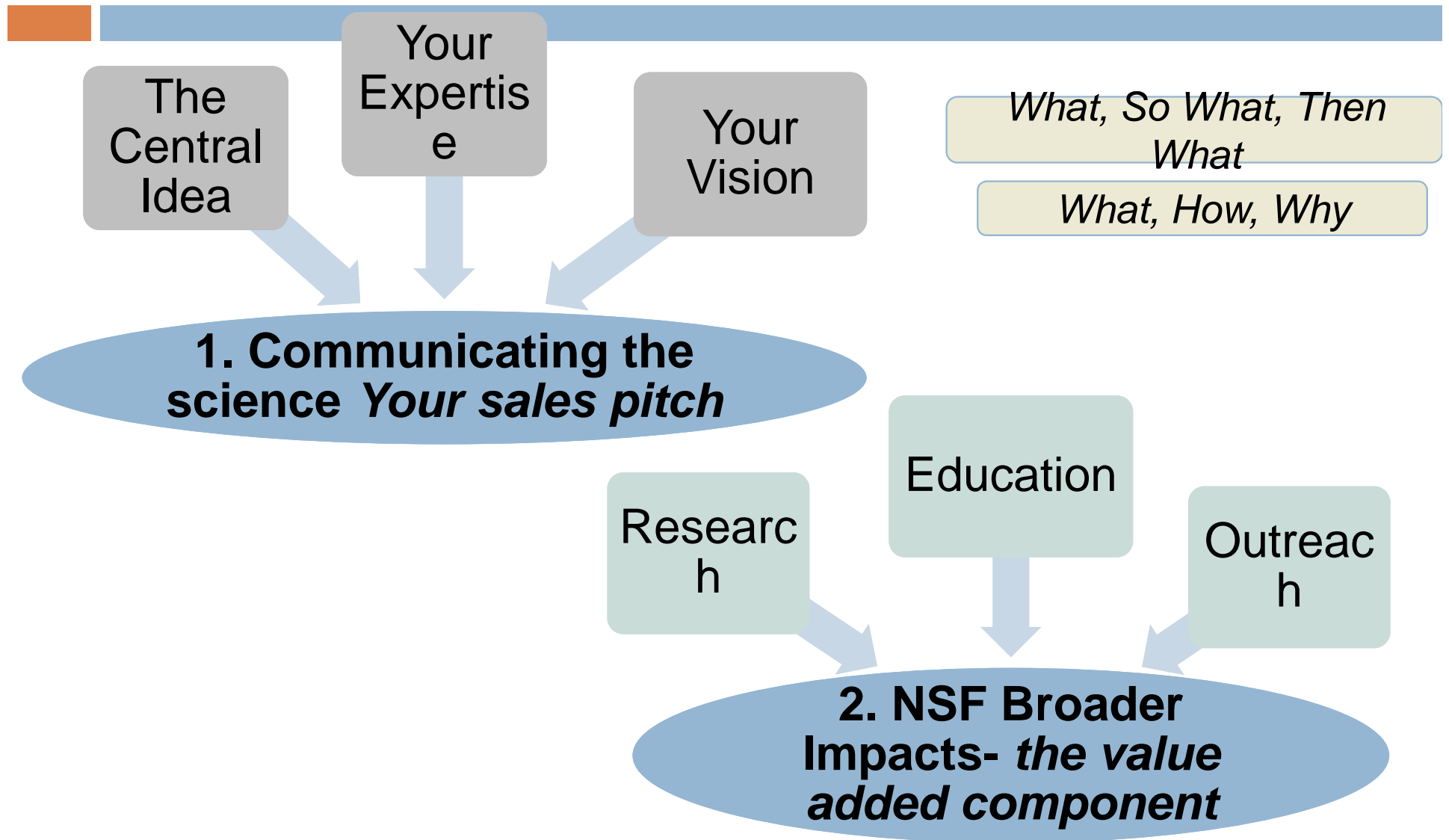
The Review Criteria

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