

I/UCRC Research Summary & Solicitation

What have we been doing the last thirty years?



Overview

- **Background**
- **Questions and Approach**
 - Categorization of Research Themes
- **The Opportunity**
- **Solicitation of Research Proposals**
- **Proposed Research Ideas**
- **Status of Current Projects**
- **Questions / Discussion**

Background

IUCRC Evaluation Goals

Primary

- To help document IUCRC outcomes and accomplishments at both the center and program-level
- To promote continuous improvement at both the center and program level by providing data and analysis in a timely way that is actionable and helps identify best practices

Secondary

- To help promote a better understanding of industry/university research cooperation

Purpose of Evaluation Research

Measure effects of a program against the goals it sets out to accomplish as a way to **guide subsequent decisions** about a program and identify program improvements.

Approach

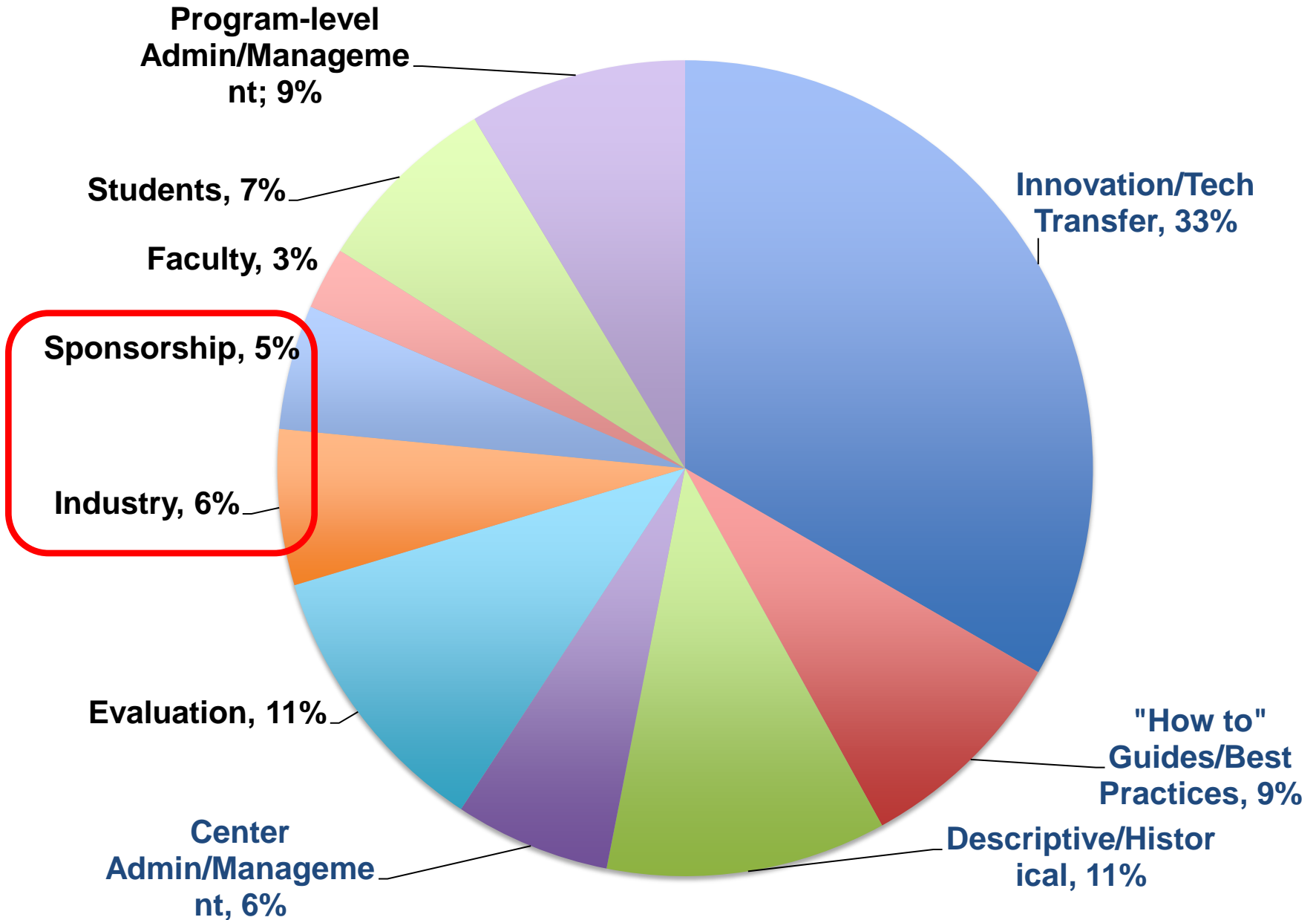
- Categorize evaluator research listed on NCSU website (N=80)
- Not an exhaustive review
- Effort to identify key themes

Goal: Highlight Existing Results

Are there research results that merit another look as we enter the next decade?

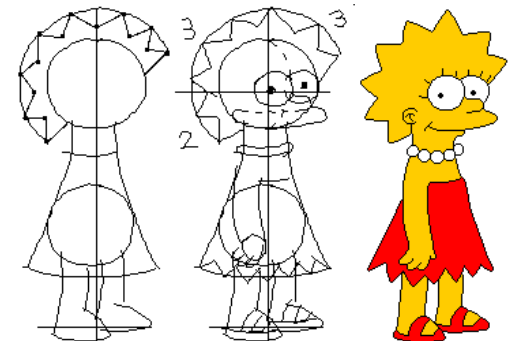


Research Themes 1980 - 2009



Some Research Contributions

- **Action-oriented management recommendations**
 - What structures and management practices facilitate innovation and tech transfer
 - Why industry and faculty members join—and stay—in Centers
 - How to recruit new members
 - How to manage and maintain an IU center for the long term



Conclusion

- **I/UCRC Evaluation Research has provided value to NSF & other stakeholders with practical I/UCRC management measures and insights**
- **Continued success depends on you**

The Opportunity: Data without tears

- **Annual Survey: Cross-sectional and longitudinal database of center processes and outcomes**
- **LIFE forms provide measure of funding priorities and IAB agreement**
 - With modest analysis effort LIFE data may also provide information about member satisfaction and investment in the center
- **Social network analysis techniques**
- **Qualitative interviews**
- **Others?**

Solicitation of Research Proposals

The scientist is not a person who gives the right answers, he is one who asks the right questions.

–Claude Levi Strauss.

“A



guide
program
on:

SF
, IAB, Faculty,

it

Proposal Process

1. One page description
2. NSF & Peer review
3. Full proposal based on collective input

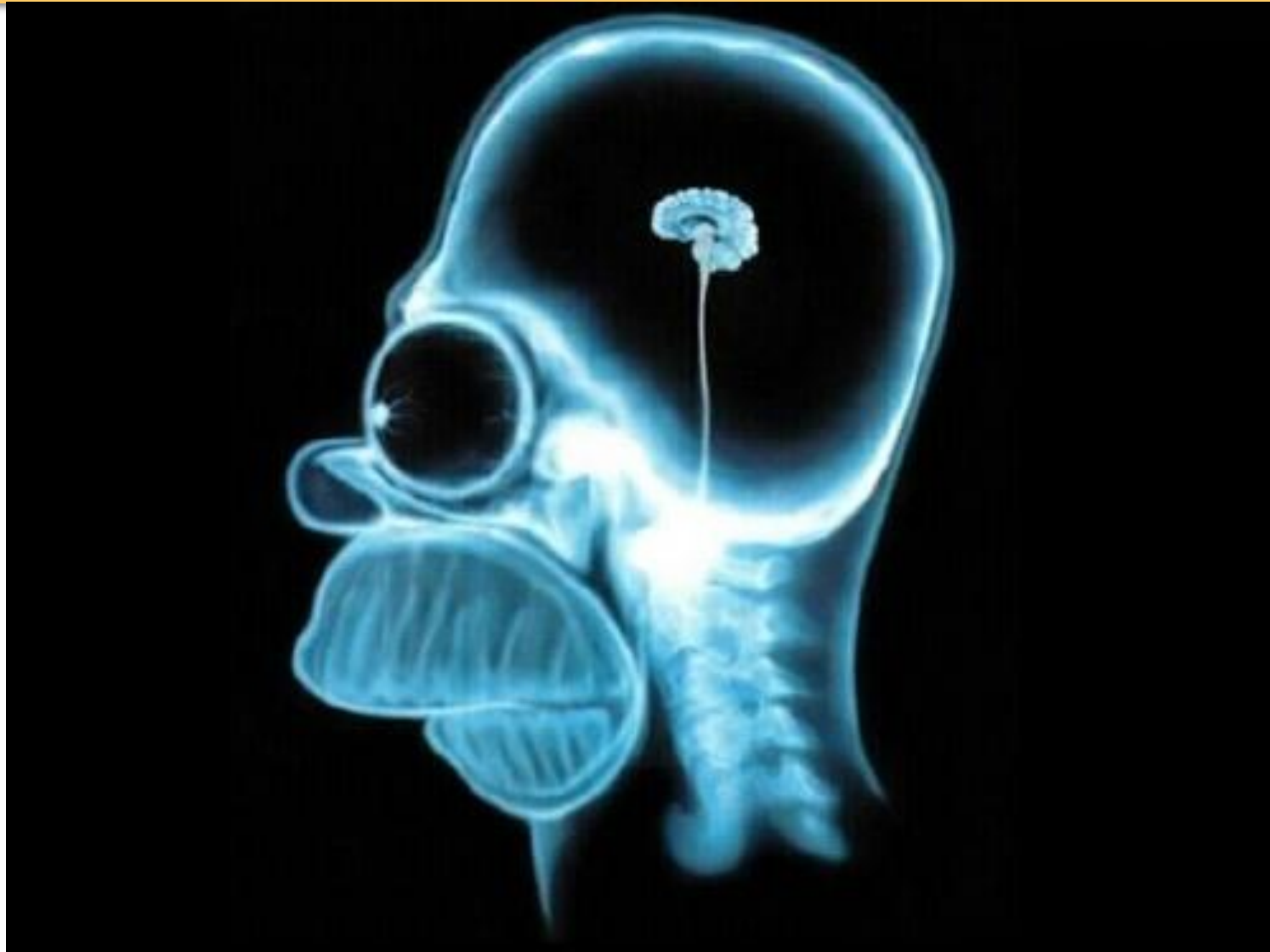
Proposed Research Ideas

- **IAB Handbook**
- **Evaluation of I/UCRC collaboration tools:
What works?**
- **Others?**

Evaluator Research as of January 2010

- **DVD (in progress?) & Compendium (done)**
- **Assessing the Post-Graduation Status of I/UCRCs: An Assessment of Self-Sufficiency and Indirect Impacts of Sustained I/UCRCs (awarded, on going)**
- **Impact of I/UCRC Directorship on Career Paths and Achievement (awarded, on going)**

Questions / Discussion



Publication Information

