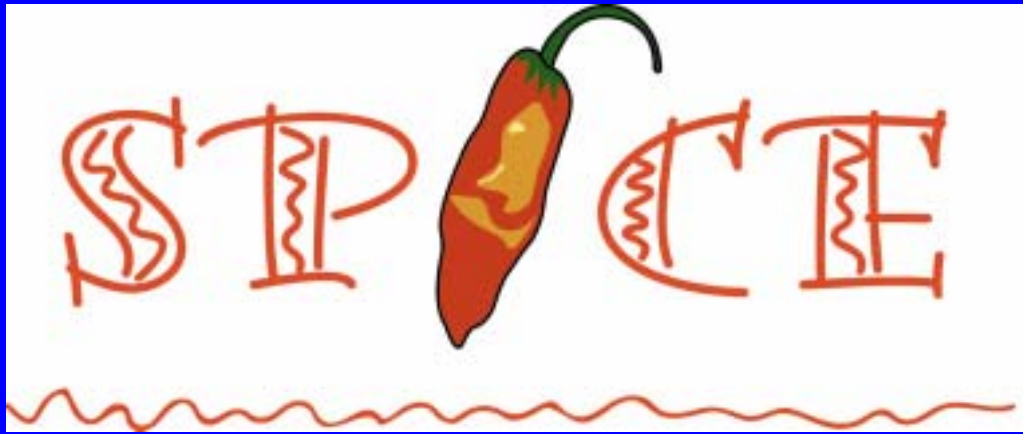


# The Challenge of Institutionalizing GK-12 Programs

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# Science Partners in Inquiry-based Collaborative Education

## Outline of presentation

1. Synopsis of SPICE
2. Plans for institutionalization
3. Other paths towards institutionalization

# The Basics of *SPICE*

- Thematic focus = Ecosystem Health
- Grade level = middle school
- Urban and rural schools
- Mentoring activities
- Module development and distribution
- Track I funding: 3 years, 2 departments
- Track II funding: 5 years, 5 colleges

# Our Path Towards Institutionalization

- Start small
- Focus on building partnership with school district and teachers
- Expansion, then contraction
- Gradually reduce financial scope of the program

# The Key: Two Types of Fellows

## Type I Fellows

- 2 days per week in classroom
- full NSF graduate fellowships

*All Type I Fellows become Type II Fellows*

## Type II Fellows

- about 2 days per *month* in classroom
- supported by institutional funds
- receive *supplements* (\$3,500/yr)

# Why Type II Fellows?

- Provide continuity, leadership, and peer support for Type I Fellows
- All training and partnerships already in place
- Can have large impact with relatively small time commitment

Long-term Plan: shift focus from Type I to  
Type II Fellows

# How are Type II Fellows Funded?

## Matching Funds for *Each* Fellow

- \$1,000 from Provost
- \$1,000 from Vice President for Research and Graduate Education
- \$1,000 from Dean of college
- \$1,000 from Chair of department

\$3,500 to Fellow

\$500 for classroom materials and supplies

Commitments for matching funds formalized before Type I Fellowships are awarded

# What about Type I Fellows?

- Some Type I Fellows are necessary – they provide the core of GK-12 programs.
- The trick for institutionalizing support for Type I Fellows:
  - Go to deans when writing proposal
  - Request assignment of *already-existing* fellowships to GK-12 program. (No net cost to the institution.)
  - Provide an escape clause
  - Gradually increase institutional funding, as NSF funding decreases (i.e., build on success, no sudden pain)