2012 Research RFAs

It’s all about flexibility
Question 1: That Tribal College has a great research program! What comes to mind?
Question 2:

How can NIFA make the Research Program a resource to help 1994 build research capacity and empower students?

This is our answer:
## Then and Now

<table>
<thead>
<tr>
<th>2011 Research RFA</th>
<th>2012 Research RFA</th>
</tr>
</thead>
<tbody>
<tr>
<td>• One type of project</td>
<td>• Three types of projects</td>
</tr>
<tr>
<td>• $79,000 to $200,000</td>
<td>• $35,000 to $200,000</td>
</tr>
<tr>
<td>• 2-3 years</td>
<td>• 2 for some/3 for others</td>
</tr>
<tr>
<td>• Students minor players</td>
<td>• Students in front</td>
</tr>
</tbody>
</table>
Three types of projects

• **New Discovery Research**  
  – Investigative research contributing to scientific knowledge

• **New Capacity Building Research**  
  – Scientific questions for Reservation Community  
  – Students play a role

• **Student Research Experience**  
  – Helping American Indian students understand research --Students are stars!
Let’s Test It Out! Diabetes

• **New Discovery Research** (In the lab)
  – Land Grant partners conduct chemical analysis of anti-diabetic properties of serviceberries.

• **New Capacity Building Research** (In the community)
  – Land Grant partners conduct a dietary study/health intervention—does it improve health outcomes?
  – Students conduct food recall surveys

• **Student Research Experience** (In the classroom)
  – Students conduct diabetes awareness survey among their peers
  – Land Grant Partners guide students in survey instruments, data gathering and preparing a poster session
About the money

• **New Discovery Research** - Up to $200,000

• **New Capacity Building Research** - $85,000

• **Student Research Experience** - $35,000 to $60,000
Options

• **New Discovery Research**
  - No Options—Traditional

• **New Capacity Building Research**
  - Basic New Capacity
  - Visiting Scholar

• **Student Research Experience**
  - Student Research Experience
  - Visiting Scholar
  - 1890/1862-1994 Student Research Team
Choose The Option--Discussion

- Three schools
- **No wrong answers!**
- What would you recommend for each school?
- What would you suggest they **not** do?
Choose The Option

Tribal College A

- Lost microbiology professor
- A fire destroyed campus research facilities
- They can’t fund housing for a visiting scholar
- A student needs a capstone experience in water quality
- A graduate student in science education from the 1862 inquired about a teaching experience at the college
- Has decided they can’t apply
Choose the Option

College B—

• The school of Forestry got a Willard Hays Ecology grant of $2.2 Million and purchased new scientific instruments

• The faculty wants to explore a biological control for an outbreak of tree pests that have decimated woodlands both on and off the reservation.

• They have been disappointed in their past partnership with other Land Grants in Environmental Science.
Choose the Option

College C-

• Does not have a very large science program
• Wants to build an agribusiness major
• Wants to include at-risk students
• Envisions using their demonstration farm and ranch, as the equine program is popular with students
• Considering a West Nile Virus Project
• Wants to apply for the full $200,000
Letter of Intent—your personal consultation

Tim Grosser will be happy to review your ideas for the 2012 Research Grant via a letter of intent. You can also make an informal request for help.
Any Questions?

Tim Grosser
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tgrosser@nifa.usda.gov

Sample applications for the new programs are available at the Tribal College Web Portal:

http://www.csrees.usda.gov/nea/education/in_focus/tribal_if_tribal.html