

# INBRE-Communication

## Annual Progress Report (APR)

**INBRE APR data collection requests to begin early October, 2006.**

**Look for e-mail requests from Sammantha Green,**

## Become an INBRE Fellows Mentor!

The National Institutes of Health Idaho INBRE ([IDeA Network of Biomedical Research Excellence](#)) grant provides funds for undergraduate and graduate students to do research with the goal of educating the next generation of researchers for Idaho's industry and universities. We are currently seeking research faculty from the Albertson College of Idaho, Boise State University, Northwest Nazarene University and Idaho State University, and University of Idaho to serve as Mentors for the Summer 2007 INBRE Undergraduate Fellowship Program. Please see [www.sci.inbre.uidaho.edu](http://www.sci.inbre.uidaho.edu) for more information

Do you have news for INBRE-Communication? If so, please send any items that you would like to include in the next e-Communication to Kjelda Berg, editor/writer of INBRE-Communication at [kjeldab@uidaho.edu](mailto:kjeldab@uidaho.edu)

## INBRE Fellowship Program Summer 2007

*What is an INBRE Fellow?*

An INBRE Fellow is usually a junior or senior undergraduate student who does a 10 -week summer research project in the laboratory of a faculty researcher at the UI, BSU, ACI, NNU, or ISU.

An INBRE Fellowship is an opportunity for students from around the state to participate in a research intensive program in Biomedical Research. The INBRE Program pays \$5,000 to each awarded student to work full-time in an established faculty laboratory for the summer. In addition to doing guided research, students will attend weekly training and seminar presentations and attend the Annual INBRE Research Conference to present their work in a professional setting.

### EASY Two Step Application Process

#### Step 1

1. Complete the PRE-application on-line ([Available early October, 2006](#)).
2. You need to include a copy of your transcripts in the PRE-application, these transcripts can be unofficial.
3. You need to hit the SUBMIT button of the PRE-application by midnight Friday December 1, 2006.

#### Step 2

1. Based on the status of your PRE-application, you will be invited to submit a FULL-application in early January, 2007.
2. Fill out the electronic FULL-application form ([provided to you via e-mail](#)).

## INBRE Scholars Program Summer 2007

*What is an INBRE Scholar?*

An INBRE Scholar is usually a freshman or sophomore undergraduate student who does a 2-week summer team-research project at BSU.

The INBRE Scholars Program is geared towards students from across the state of Idaho that have an aptitude for biomedical science. Actual research experience is not required. Scholars gain experience in a research laboratory at Boise State University, and will present their findings in a professional setting at the Annual INBRE Research Conference with their research team composed of other scholars.

Be a part of the 2007 INBRE Scholars Program and take advantage of the opportunity to use state-of-the-art biotechnology lab techniques to investigate microbiology and vaccine development.

Working with expert microbiologist Dr. Juliette Tinker and graduate students, scholars will address questions dealing with vaccine development and the pathogenesis of infectious disease.

Background information and training will be provided to make this research experience appropriate for students with little previous laboratory experience. An introduction to bioinformatics, the scientific method and hypothesis-driven research will mark the beginning of the scholar's research campaign.

Laboratory techniques utilized in this workshop will include molecular cloning, bacterial transformation, polymerase chain reaction (PCR), protein purification, enzyme linked immunosorbent assay (ELISA), SDS-polyacrylamide gel electrophoresis (SDS-PAGE), and Western blot analysis.

Although intensive lab experience is scheduled, time for fun and relaxation is included.



The Idaho INBRE (IDeA Network for Biomedical Research Excellence) Program is sponsored by NIH-NCRR (National Institutes of Health and the National Center for Research Resources) P20 RR016454

