

## Arkansas IDeA Networks of Biomedical Research Excellence

The goal of the Arkansas INBRE Program is to expand and strengthen the biomedical research infrastructure of the lead and partner institutions by developing a multidisciplinary research network united by the scientific theme of **Cellular Signaling, Growth, and Differentiation**. Arkansas INBRE program supported activities include:

### Bioinformatics

- Bioinformatics educational programs at both the undergraduate and graduate levels
- Training and professional advancement opportunities for research staff and educators
- Access to bioinformatics resources, including hardware, software, and expertise
- Opportunities for research collaboration and networking to identify those with similar and/or complementary interests and skills

### Mentoring

- Support INBRE Project Leaders at the partner institutions
- Seminar series in neuroscience, and cancer and cell signaling

### Outreach

- Mentored research opportunities for undergraduate faculty and students
- Annual INBRE Symposium

### Biotechnology

Access to statewide research opportunities and workshop seminars in the fields of

- Genomics
- Proteomics
- Microscopy

# UAMS

UNIVERSITY OF ARKANSAS  
FOR MEDICAL SCIENCES



# U·A·L·R

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## Summer Outreach Program

**Mentored Research  
Fellowships  
for  
Faculty &  
Undergraduate  
Students**

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**UNDERGRADUATE FACULTY  
MENTORING PROGRAM  
SUMMER RESEARCH FELLOWSHIP**

- Undergraduate faculty will be provided the opportunity to engage in an intensive, state-of-the-art research experience in the laboratory of an established, experienced faculty member at one of the three lead INBRE institutions.
- A fellowship will be provided that pays a summer (two-month) salary and includes a supply budget and a stipend for travel and/or housing.
- Undergraduate faculty will identify a potential mentor at one of the lead INBRE Institutions. Together the mentor and mentored faculty will submit a written proposal to the INBRE Mentoring Advisory Committee.
- A long term, ongoing relationship between the mentor and mentored faculty will be strongly encouraged.
- A workshop series on funding opportunities, genomics, proteomics and microscopy will be presented.
- Criteria for evaluating proposals includes training potential, experience of the mentor, potential for extramural funding, and potential for continuation of the project, with involvement of undergraduate students during the academic year.

A complete faculty application packet is available online at:

<http://brin.uams.edu/faculty.htm>

**INBRE OUTREACH CORE**

Donald Bobbitt, Ph.D. Director

Goals of the INBRE Outreach Core

- To increase the number of college and university faculty in Arkansas with active, funded research programs in biomedical science.
- To increase the number of undergraduate students in Arkansas who pursue careers in biomedical science.

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**Mentors**

- INBRE mentors have active research laboratories funded by extramural agencies.
- Multidisciplinary approaches to common problems are encouraged.
- The research of participating mentors is consistent with the long-range plans of the Arkansas INBRE and the three lead institutions: UAMS, UAF, and UALR.
- Please visit the web site for a complete list of mentors.

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Faculty and students from groups that are traditionally underrepresented in science are strongly encouraged to apply.

For detailed information regarding mentored research opportunities and the application process visit the INBRE Web Site.

<http://brin.uams.edu>

**UNDERGRADUATE STUDENT  
MENTORING PROGRAM  
SUMMER RESEARCH FELLOWSHIP**

- Summer research fellowships are offered in biomedical research and bioinformatics at one of the three lead INBRE institutions: UAMS, UAF, UALR .
- Students with an undergraduate science major (e.g., biology, chemistry) can apply for a fellowship in **Biomedical Research**.
- Students with an undergraduate major in computer sciences, mathematics or a related discipline are encouraged to apply for a fellowship in **Bioinformatics**.
- Each fellowship includes a stipend, research supply allowance, as well as a living allowance along with full university privileges for the participants at each campus.
- All research is conducted under the auspices of the three main INBRE institutions: UAF, UALR and UAMS.
- A travel allowance is provided to each student to attend a national or regional scientific meeting in the year following their summer research experience.
- Selection criteria for the fellowship will include the students GPA and faculty recommendations from the applicant's home institution. Preference will be given to those whose career plans include pursuing graduate work in biomedical research and bioinformatics.

Students apply online at:

<http://brin.uams.edu/students.htm>