An exciting summer in the laboratory of a leading research scientist awaits successful applicants as they pursue research in Cell and Molecular Biology, Biochemistry, Plant Science, Animal Science, Plant Pathology, Food Science, Agricultural Engineering, Forestry and Natural Resources, Agricultural Economics, Entomology and Environmental Science at Purdue University's School of Agriculture

Send Application To:

Dr. Nicole Gale
School of Agriculture
615 West State Street
West Lafayette, IN 47907-2053
Telephone: (765) 494-8470
Fax: (765) 494-8469
E-Mail: ngale@purdue.edu

APPLICATION DEADLINE

MARCH 15, 2005

Come to Purdue University's School of Agriculture Summer Research Program this summer to enhance your undergraduate education. Students will gain experience applying basic science to real world problems.

Purdue is an equal access/equal opportunity university
June 5 through July 30, 2005

The program

This is the twelfth year Purdue University's School of Agriculture has offered a Agriculture Summer Research Program. The participants selected for this eight-week research opportunity are under the direction of nationally recognized faculty, become members of a research group that perform groundbreaking research and explore methods of inquiry using state of the art equipment. At the completion of the summer program, the participant will have had experiences similar to that of graduate students as they learn to prepare results for publication and oral presentation.

This program involves intensive research experiences with faculty mentors, graduate students, and post-doctoral fellows and all qualified students, including but not limited to African American, Asian American, Hispanic American and Native American are encouraged to apply. Participants will also have the opportunity to meet and discuss career opportunities with role models from industry and academia. Another goal of the program is to prepare the student for the Graduate Record Examination (GRE), which is required for admission to most graduate programs.

The Agriculture Summer Research Program includes non-academic activities. These activities allow the students to visit and become acquainted with the Purdue, West Lafayette and Lafayette communities as well as the surrounding cities Indianapolis and Chicago. The Agriculture Summer Research Program students also participate in social activities with the students in the MARC/AIM program.

Program expectations

Applicants will participate in field trips and other recreational events with students in Purdue's MARC/AIM program. Over forty students from all over the United States and its territories had research experiences at Purdue in 2004.

Eligibility:

Applicant must be an American Citizen or Permanent Resident, and must have completed at least 4 to 7 semesters of college education by June 2005. The applicant must have a desire to pursue graduate study.

The summer program:

Provides a stipend of $3,600 for the 8-week program. Will provide round trip transportation from home to Purdue. However students will be responsible for providing their own food costs.

To apply:

1. Complete the attached application form (including a statement of your goals for participation in this program).
2. Select an area of research interest.
3. Have an official copy of all your transcripts (if attended more than one university) sent to the address listed on the back.
4. Have 2 letters of recommendation submitted from faculty members or academic advisor.

Website Address:
http://www.agriculture.purdue.edu/oap/agsrp.pdf
PURDUE UNIVERSITY’S
Agriculture Summer Research Program
Application

A completed application will include this application (including a essay of your reasons for wishing to participate in the Ag SRP Program), official transcript(s) sent by your Office of Registrar, and 2 letters of recommendation requested from faculty.

Please print clearly

Name ____________________________________________
Last                                              First                                           Middle
Ethnicity__________    Soc. Sec# ____________________________Gender _____

University __________________________________________

Number of Semesters completed by June 2005 __________________________________________

Cumulative Grade Point Average(minimum of 3.0 /4.0 required)

Major __________________________________________

Other Universities you have attended _____________ (Please have them send transcripts also)

Career Goal __________________________________________

Campus /Local Address __________________________________________

Campus Phone (       ) _______________________ Cell Phone (       ) _______________________

E-mail Address __________________________________________

Date after which mail should be sent to home address __________________________________________

Home Address __________________________________________

Home Phone (       ) __________________________________________

Parent/Guardian Contact __________________________________________

How did you hear about this program? __________________________________________
POTENTIAL AREAS FOR RESEARCH

Select those areas of particular interest for your agricultural summer research experience. Rank your preference by one (1) being the highest and three (3) the lowest.

NOTE: The research areas listed below are not exhaustive or exclusive to the departments listed below. If you do not see an area of interest, please indicate your research preference in the space provided.

AGRICULTURAL & BIOLOGICAL ENGINEERING
- Agricultural systems management
- Biological engineering
- Machine system engineering

AGRICULTURAL ECONOMICS
- Agribusiness management
- Economic development and policy
- International trade

AGRONOMY
- Agricultural meteorology
- Land use, soil management, & conservation
- Turfgrass science

ANIMAL SCIENCE
- Genetics
- Nutrition
- Physiology & animal behavior

BIOCHEMISTRY
- Signal transduction
- Biomolecular structure & mechanism
- Molecular biology

BOTANY & PLANT PATHOLOGY
- Aquatic biology
- Disease management
- Virology

ENTOMOLOGY
- Forensic entomology
- Insect toxicology
- Integrated pest management

FOOD SCIENCE
- Food chemistry
- Food processing
- Food microbiology

FORESTRY & NATURAL RESOURCES
- Fisheries & aquatic sciences
- Wildlife Science
- Wood products & manufacturing

HORTICULTURE & LANDSCAPE ARCHITECTURE
- Cell physiology & molecular biology
- Plant physiology
- Plant genetics & breeding

YOUTH DEVELOPMENT & AGRICULTURE EDUCATION
- Science Education
- Leadership Development
- Science of Learning

OTHER

Please add a brief summary, no longer than 2 double spaced typewritten pages including your research interests, professional goals, your contribution to enhance diversity as well as your interest for wishing to participate in the Ag Summer Research Program at Purdue University.

Please send transcript(s), essay, letters of recommendation, and this application to:

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College of Agriculture
Office of Academic Programs
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