

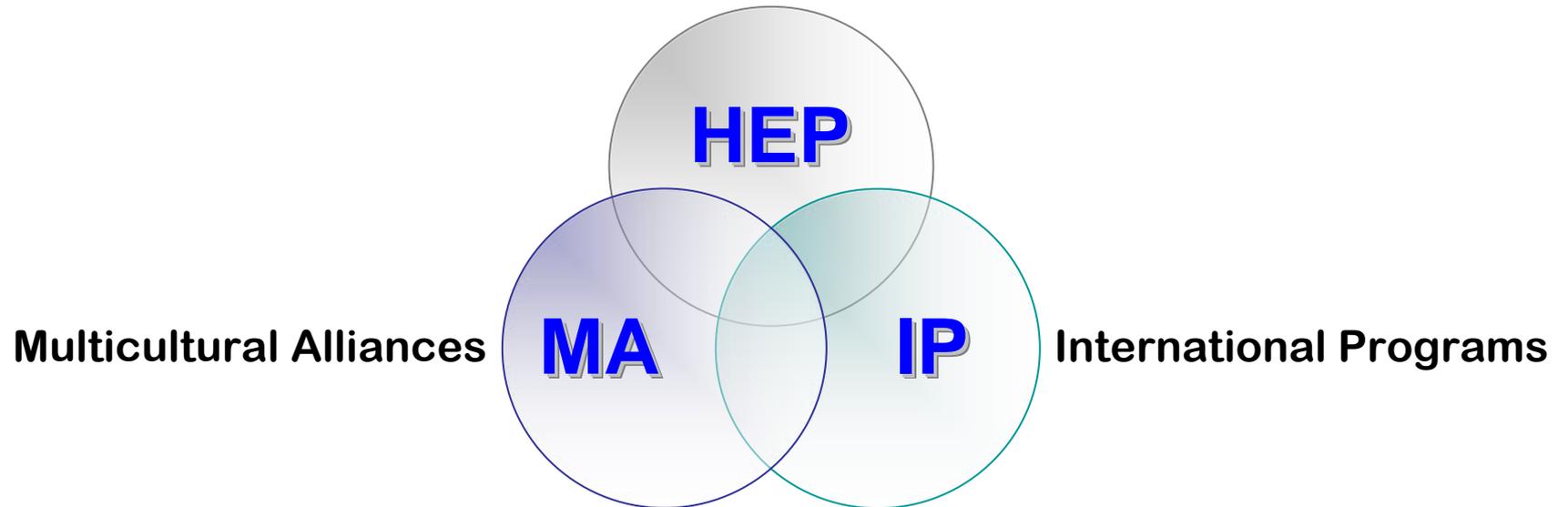


An Overview of Science and Education Resources Development (SRED) Programs



SERD

Higher Education Programs



Functional Areas

- 1. Education, Information & Outreach**
- 2. Human Capital & Expertise Development**
- 3. Institutional Enhancement and Capacity Building of Teaching, Research, Extension and Outreach Programs**
- 4. Minority-Serving Institutions**
- 5. International Programs**

Funding Priorities

Research Proposals:

- **Reflect USDA Strategic Goals and CSREES Objectives**
- **Specific Priorities in Request for Applications**

Funding Priorities, Continued

Teaching Proposals:

- **Reflect USDA Strategic Goals and CSREES Objectives**
- **Specific Priorities in Request for Applications**

Funding Priorities, Continued

Training Proposals:

- **National Needs**
- **Human Capital Development Needs**
- **Employment Opportunities**

Funding Priorities, Continued

Ensuring a well-trained and culturally diverse workforce to meet the needs of a globally interconnected, technologically advanced food and agricultural sciences domain

HEP Funding Programs

Education & Outreach

Provide educational resources including data to citizenry

- **Agriculture In the Classroom (AIRC)**
- **Food and Agricultural Education Information System (FAEIS)**
- **Employment Opportunities for College Graduates: 2005-2010 Report**

Food and Agricultural Sciences National Needs Graduate and Postgraduate Fellowship Grants Program

Goals / Priorities:

- **Support fellowship programs that encourage outstanding students to pursue and complete their degrees or obtain postdoctoral training in areas where there is national need for development of scientific and professional expertise**
- **Education and Training towards Graduate Degree at**
 - ❖ **M.S. Level**
 - ❖ **Doctoral Level**
 - ❖ **Postdoctoral – not funded**
- **International Research/Thesis Travel Allowance (IRTA)**

National Needs Graduate and Fellowship Grants Program

Eligible Applicants:

- Land-grant institutions; colleges and universities having significant minority enrollments and a demonstrable capacity to carry out the teaching of food and agricultural sciences

Successful Projects:

- Graduate training to develop core competencies in National Needs fellows to meet the emerging workforce demands in the food and agricultural sciences
- IRTAs securing enhanced training in food and agricultural sciences for eligible National Needs Fellows

Higher Education Challenge Grants Program

Goals / Priorities:

Improve academic instruction in food and agricultural sciences by:

- Enhancing curricula
- Increasing faculty teaching competencies
- Modernizing instructional delivery systems
- Facilitating joint initiatives among other educational institutions
- Responding to state, regional, or national needs

Secondary and 2-Year Postsecondary Agriculture Education Challenge Grants Program

Goals / Priorities:

**Promote / strengthen academic instruction in agriscience /
agribusiness at secondary / 2-year postsecondary institutions:**

- Enhancing curricula**
- Increasing faculty teaching competencies**
- Preparing students for scientific and professional careers**
- Incorporating agriscience or agribusiness subject matter into other, non-agricultural course work**
- Facilitating joint initiatives among other educational institutions**
- Responding to identified State, regional, or national needs**

Higher Education Multicultural Scholars Program (MSP)

Goals / Priorities:

- **Increase multicultural diversity of food and agricultural scientific and professional workforce**
- **Advance educational achievement of all Americans by providing competitive grants to colleges and universities**

Supports recruiting, retaining, mentoring, training of high quality multicultural scholars in undergraduate education, resulting in either a baccalaureate degree within the food and agricultural sciences or DVM degree

MA Funding Programs

1890 Institution Teaching and Research Capacity Building Grants Program

Goals / Priorities:

**Build institutional capacity at 1890 Land-Grant
Universities to strengthen teaching and research**

Teaching Proposals

- **Curricula design & materials development**
- **Faculty preparation, teaching Enhancement & Scientific Instrumentation**
- **Student experiential learning**
- **Student recruitment and retention**

Research Proposals

- **Studies and experimentations in food and agricultural sciences**
- **Technology delivery systems**
- **Other creative proposal**

Hispanic Serving Institutions Education Grants Program

Goals / Priorities:

Projects focus on one or more of Curricula design, materials development, and library resources

- Faculty preparation & enhancement for teaching
- Scientific instrumentation for teaching
- Instruction delivery systems
- Student experiential learning
- Student recruitment and retention (including student financial assistance)

Tribal Colleges (1994 Institutions) Extension Program

Goals / Priorities:

- Increase Extension program capacity at 1994 Institutions**
- Address special needs, take advantage of important opportunities and/or demonstrate long-term sustained benefits of Extension projects at 1994 Institutions (“Extension Special Emphasis Projects”)**

Funded projects support one or more of CSREES Strategic Goals

Federally Recognized Tribes Extension Program (FRTEP)

Goals / Priorities:

Establish and conduct extension education programs on Indian Reservations and Tribal jurisdictions.

Eligible Institutions: 1862 and 1890

Awards: Annual awards (Continuation Grants) for projects that were initially selected on a competitive basis and are periodically reviewed.

Note: 2008 Farm Bill makes it a competitive program.

Alaska Native-Serving and Native Hawaiian-Serving Institutions Education Grants Program

Goals / Priorities:

Strengthen education, applied research and related community development programs of AN and NH institutions.

Targeted Areas (one or more):

- **Curricula Design/Materials Development/Library Resources**
- **Faculty Development/Teaching Enhancement**
- **Instruction Delivery Systems**
- **Scientific Instrumentation for Teaching/Research**
- **Student Experiential Learning**
- **Student Recruitment/Retention/Educational Equity**

Alaska Native-Serving and Native Hawaiian-Serving Institutions Education Grants Program

Targeted Areas (cont):

- **Applied Studies in food/Agricultural Sciences**
- **Applied Research Support Systems**
- **Technology Delivery Systems**
- **Community Development**

Grant Requirements by Congress

- **Alaska Land Grant Institutions must each demonstrate 20 % enrollment of Alaska Native students**
- **Hawaii Land Grant Institutions must each demonstrate 10% enrollment of Native Hawaiian students**
- **Annual fund is awarded equally to Alaska and Hawaii. Competitive grants awarded to individual/consortia of institutions within each state.**

IP Funding Programs

International Programs

Goals / Priorities:

Purpose is to support Internationalization of food, agriculture, and related programs at U.S. universities and colleges.

Major Activities:

- **Facilitating globalization of US campuses**
- **Planning and implementing international development projects**
- **Recruiting and selecting personnel for overseas technical assistance efforts**
- **Serving as a point-of-contact and clearinghouse for information about international activities**
- **Collaborating with other government agencies, university and national organizations**

Next Competition: FY 2009

Questions ?

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