

**Hispanic-Serving Institutions Education Grants Program
FY 2008 Project Directors' Meeting
September 29 – October 2, 2008
800 9th Street, SW, Washington, DC 20024
(202) 720-1954**

Please Bring Your Business Cards!!

**Hispanic-Serving Institutions Education Grants Program
FY 2008 Project Directors' Meeting**

Day 1 **Monday, September 29, 2008 — Whitten Building 107 A (FIRST Floor)**

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|---------------------------|---|
| 9:00 – 9:15 a.m. | Welcome and Introduction
<i>Dr. Irma A. Lawrence, National Program Leader, SERD</i> |
| 9:15 – 9:30 a.m. | Reporting on the Food and Agricultural Education Information System (FAEIS)
<i>Ms. Ella Smith, Education Research Specialist</i> |
| 9:30 – 10:00 a.m. | Hispanic Employment at the USDA
<i>Ms. Elaine Ho, Director</i>
<i>Mr. Raul Dinzey, Diversity Program Manager</i> |
| 10:00 – 10:30 a.m. | HSI Overview and Question & Answer Session
Hispanic-Serving Institutions Grants Program
Other Opportunities at USDA
<i>Dr. Irma A. Lawrence, National Program Leader, SERD</i> |
| 10:30 – 10:45 a.m. | Break |
| 10:45 – 11:00 a.m. | USDA Hispanic-Serving Institutions National Program
<i>Ms. Itzel Sclopis, Deputy Director</i> |
| 11:00 – 11:15 a.m. | National Agricultural Statistics Service
<i>Ms. Carol House</i> |
| 11:15 – 11:30 a.m. | Natural Resources and Conservation Service
<i>Mr. Angel Figueroa</i> |
| 11:30 – 1:00 p.m. | Lunch |
| 1:00 – 1:30 p.m. | Poster Session Setup and Group Briefing |
| 1:30 – 3:30 p.m. | Open House – Whitten Building PATIO
<i>Dr. Frank Boteler, Interim Deputy Administrator, SERD, CSREES</i> |
| 3:30 – 4:00 p.m. | Comments and Adjourn |

Proposal Title	USDA Strategic Goal	Project Director
Building Agricultural and Environmental Research Capacity at HSI's: The USDA Faculty and Student Team	all	Raymond Garza
Empowering the Next Generation in Agriscience with Genomics Education Pathways to Food Industry	2	Aukje Tineke Berends
The UIW Research Scholars Program	1	Maya Durnovo
Central Texas Education for Nutrition Advancement	2	Elizabeth Kreston
Beef Production from Conception to Consumption: An Innovative Program for Hispanic and Other Underrepresented Students	5	Susan Kazen
A model to Integrate Mentoring between Community Entities to Promote and Enhance Career Development for underrepresented minorities	3	Scott Ericsson
Expanding the Undergraduate Biotechnology Engagement Track	6	Janis Bush
Strengthening Educational Capacities in Geospatial Science and Technology for Agricultural and Natural Resources Management	2, 3	Marshall Logvin
Laboratory Enhancement and Curricular Revision for the Veterinary Technology Program	6	Mei Yu
Career Opportunities and Exploration in the Natural and Agricultural Sciences	2	Edgardo Mercado-Iguina
Project for the Development of a Bilingual Minor in Food Safety at Universidad del Este	3, 6	Kurt Leuschner
Enhancing Plant Science Education in the Bronx: Training the Next Generation of Botanist to Protect US Natural Resources	1, 4, 5	Wilfredo Colon
Research Experiences to Foster Experiential Learning and to Enhance Education in Food, Soils, and Environmental Sciences	4, 6	Edward Kennelly
Curriculum Enrichment, Instrumentation and Experiential Learning in Agroecology	2, 4, 6	Felix Roman
Enhancing Opportunities for Workforce Training and Education in Food and Agricultural Sciences	5, 6	Mahadev Bhat
Recruitment, Retention and Training in Restoration Ecology	3	Tomas Ybarra
GS-5 Certified: Increasing Soil Science Educational Opportunities Online for Undergraduate Students and USDA Employees	6	Kimberlyn Williams
Promoting Student Recruitment and Retention in the Animal Science Discipline by Enhancing Molecular Biology Scientific Instrumentation	3	Heather Smith
Developing Sustainable Agroecosystem and Efficient Resource Management Research and Education Program	1	Guillermo Ortiz-Colon
New Agricultural Engineering Technology Program for Central California	2, 6	Sajeemas Pasakdee
	3	Richard Larson

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Day 2 **Tuesday, September 30, 2008 — Crystal Marriott Gateway**

- 7:00 – 8:00 a.m. Continental Breakfast and Registration
- 8:00 – 8:20 a.m. Welcome
- 8:20 – 9:45 a.m. **Introduction to CSREES-USDA Competitive Programs**
 – An Introduction to NIFA and AFRI
 – An Overview of CSREES
 – An Overview of the NRI Transition to AFRI
 – An Overview of Integrated Programs
 – An Overview of Higher Education Multicultural Alliances and International Programs
 – An Overview of Other Competitive Programs
- 9:45 – 10:15 a.m. Break**
- 10:15 – 11:00 a.m. **Understanding the Review Process**
- 11:00 – 12:15 p.m. **Break Out Session I (choose from):**
 – **Plants Programs**
 Plant Biology, Plant Genome
 – **Nutrition Programs**
 Human Nutrition and Obesity; and Bioactive Food Components for Optimal Health;
 Improving Food Quality and Value
 – **Agricultural Research Enhancement Awards (AREA)**
 Strengthening Awards for New Investigators, Postdoctoral Fellowships, EPSCoR, and
 Small and Mid-sized Institutions
 – **Natural Resources and Environment Programs-I**
 Soil Processes; National Integrated Water Quality Program; Water and Watershed
 Processes; Air Quality
 – **Value-Added Products Programs**
 Biobased Products and Bioenergy Production Research; Improving Food Quality and
 Value; Nanoscale Science and Engineering for Agriculture and Food Systems
- 12:15 – 1:45 p.m. Lunch**
- 1:45 – 3:00 p.m. **Break Out Session II (choose from):**
 – **Microbes Programs**
 Microbial Genomics, Microbial Biology, and Plant Biosecurity
 – **Small Business Innovation Research (SBIR)**
 Forests and Related Resources, Plant Production and Protection (Biology and Engineering),
 Animal Production and Protection, Soil and Water Resources, Food Science and Nutrition,
 Rural Development, Aquaculture, Biofuels and Biobased Products, Marketing and Trade,
 Animal Manure Management and Small and Mid-Size Farms
 – **Higher Education, Multicultural Alliances and International Programs**
 Hispanic-Serving Institutions Education Grants Program, Higher Education Challenge
 Grants Program, Graduate Fellowship Program, Multicultural Scholars Program, 1890
 Institutions Teaching and Research Capacity Building Grants Program, International
 Science and Education Program, Extension Indian Research Program, Secondary and 2-
 year Post Institutions Teaching, Research and Extension Programs, and Alaska Native and
 Native Hawaiian Serving Institutions Education Grants Program
 – **Integrated Programs**
 Guidelines and recommendations for preparation of successful integrated project proposals
 – **Agricultural Research Enhancement Awards (AREA)**

Strengthening Awards for New Investigators, Postdoctoral Fellowships, EPSCoR, and Small and Mid-Sized Institutions

3:00 – 4:15 p.m.

Break Out Session III (choose from):

- **Food Safety Programs and Biotechnology Risk Assessment Program**
Food Safety and Epidemiology (Biological Approaches to Food Safety, and Epidemiological Approaches for Food Safety), National Integrated Food Safety Initiative, and Biotechnology Risk Assessment.
- **Natural Resources and Environment Programs-II**
Global and Climate Change, Managed Ecosystems and Biology of Weedy and Invasive Species of Agroecosystems
- **Animals Programs**
Animal Reproduction; Animal Growth and Nutrient Utilization; Animal Genome; Animal Protection and Biosecurity
- **Pest Biology and Plant Protection Programs**
Pest Management Alternatives Program (PMAP), Organic Transition Programs (OTP), Arthropod and Nematode Biology and Management (Organismal and Population Biology, Suborganismal Biology, Tools, Resources, and Genomics, and Protection of Managed Bees).
- **Social Sciences Programs and Children, Youth, and Families at Risk (CYFAR) Program**
Agribusiness Markets and Trade, Rural Development, Agricultural Prosperity for Small and Medium-Sized Farms, and Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers (OASDFR)

4:15 – 5:30 p.m.

Break Out Session IV: Mock Peer Review Panel Process

5:30 p.m.

Closing Remarks

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Day 3 **Wednesday, October 1, 2008 — Crystal Marriott Gateway**

- 7:30 – 8:15 a.m. Continental Breakfast and Registration
- 8:15 – 8:25 a.m. **Welcome** - Tom Fretz and Michael Harrington
- 8:25 – 8:45 a.m. **Introduction and Objectives** - Tom Fretz and Michael Harrington
- 8:45 – 9:15 a.m. **Where to Look for Funds - Show Me the Money!** - M. Harrington
- Finding grants
 - Accessing information on funding and planning
 - Matching your idea to those of the agency
 - Assessing institutional support
- 9:15 – 9:30 a.m. **Developing that Great Idea/ Brainstorming** - Michael Harrington and Tom Fretz
- 9:30 – 10:15 a.m. **Principles of Grant Writing - Part I**- Tom Fretz and Michael Harrington
- Introduction to grant writing
 - Focus on the Key elements
 - Peer Review process
 - Do's and Don'ts
- 10:15 – 10:30 a.m. Break**
- 10:30 – 12:00 p.m. **Principles of Writing Winning Grants - Part II** - Michael Harrington and Tom Fretz
- Proposal organization
 - Goals and objectives
 - Experimental design
 - Appendices
 - Project summary or abstract
- 12:00 – 1:15 p.m. Lunch**
- 1:15 – 1:45 p.m. **Organizing Integrated or Team Proposals** - Tom Fretz
- Defining the role of Extension
 - Finding a champion
 - Organizing a team proposal - Who's in charge?
 - Selecting the lead institution
 - Team communication and leadership
- 1:45 – 2:15 p.m. **Insights from Successful Grant Writers** - A Panel (TBD)
- 2:15 – 2:45 p.m. **Developing the Proposal Budget or What can your Research Administration Office Do For You?** - Dan Ramia, Assistant Dean - Administrative Services, College of Agriculture and Natural Resources, University of Maryland
- 2:45 – 3:15 p.m. **Developing Your Personal Strategic Plan and the Ethics of Grants Writing** - Michael Harrington
- Responsible conduct of research
 - Are there penalties?
 - Human and animal subjects
 - Confidentiality
- 3:15 – 3:30 p.m. **Common Short-Comings in Grant Applications** - Tom Fretz and Michael Harrington
- 3:30 p.m. Workshop Evaluation and Adjourn

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Day 4 **Thursday, October 2, 2008 (Morning) — Waterfront Centre ROOM 3455 A-B**

- 8:45 – 9:00 a.m. Welcome and Introduction
Dr. Irma A. Lawrence, National Program Leader, SERD
- 9:00 – 9:15 a.m. Science and Education Impacts
Writing Impacts
Ms. Janet Allen, Director, CSREES Office of Communications
- 9:15 – 10:15 a.m. Successful Program Evaluation & Developing a Logic Model
Dr. Djimé Adoum and Dr. Henry Doan, Office of Planning and Accountability
- 10:15 – 10:30 a.m. Break**
- 10:30 – 11:15 a.m. Successful Program Evaluation & Developing a Logic Model, *Continued*
- 11:15 – 11:30 a.m. Housing and Urban Development
Hispanic-Serving Institutions Assisting Communities Program (HSIAC)
Ms. Madlyn Wohlman-Rodriguez
- 11:30 – 12:00
noon Department of Education: Title V Programs
Ms. Nalili Lamba-Nieves
- 12:30 – 2:00 p.m. Lunch and Travel to the National Science Foundation in Arlington, Virginia**

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Day 4 **Thursday, October 2, 2008 (Afternoon) — National Science Foundation ROOM 880**

- 2:00 – 2:10 p.m. *Victor Santiago, Division of Human Resource Development*
Welcome and Introductions
- 2:10 – 2:30 p.m. *Mark Leddy*
Research on Disabilities Education (RDE)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5482&org=HRD&from=home
- 2:30 – 3:30 p.m. *Terry Woodin*
STEM Talent Expansion Program (STEP)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5488&org=DUE&from=home

Course, Curriculum & Laboratory Improvement (CCLI)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5741&org=DUE&from=home

Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM),
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5257&org=DUE&from=home
- 3:30 – 3:45 p.m.** ***Break***
- 3:45 – 4:30 p.m. *Russell Pimmel*
All two-year institutions, Advanced Technological Education (ATE),
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5464&org=DUE&from=home

Bill Hahn (room 880)
All four-year institutions, Division of Graduate Education and the Graduate Research
Fellowships
<http://www.nsf.gov/div/index.jsp?div=DGE>
- 4:30 – 5:00 p.m. *Jessie DeAro*
Discipline specific research initiation grants and ADVANCE: Increasing the Participation of
Women in Academic Science and Engineering Careers