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Even More Competitive Programs...

Dr. Jim Dobrowolski
National Program Leader
Institute of Bioenergy, Climate and Environment

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Other Competitive Programs

- Biotechnology Risk Assessment
- Renewable Resource Extension Act -National Focus Funds
- Rangeland Research
- Biomass Research and Development
- Beginning Farmers and Ranchers Development
- Small Business Innovation Research
- Sustainable Agricultural Research and Education

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Biotechnology Risk Assessment Program




- **Purpose:** To assist Federal regulatory agencies in making science-based decisions about the introduction of transgenic organisms into the environment
 - Risk Assessment Research
 - Risk Mitigation/Management Research

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Biotechnology Risk Assessment Program

- Authorized in the 1990 Farm Bill
- All U.S. public or private research or educational institutions or organizations are eligible
- Funded through a 2% set-aside of all funds used for agricultural biotechnology research
- Approximately \$4 M available

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Biotechnology Risk Assessment Program

- Identify and develop appropriate management practices to minimize physical and biological risks
- Develop methods to monitor the dispersal of genetically engineered animals, plants, and microorganisms
- To further knowledge of characteristics, rates and methods of gene transfer

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Biotechnology Risk Assessment Program

- Compare the relative impacts of organisms modified through genetic engineering to other types of production systems
- Program Contact:
Shing Kwok



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Rangeland Research Program

- Started as the Joe Skeen Institute for Rangeland Restoration
- In 2006, Joe Skeen became the competitive Rangeland Research Program (RRP)
- In 2009 and 2010, Priorities included rangeland restoration, cultural and social issues, and rangeland drought management
- Approximately \$1 M available.

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Goal and Purpose

- **Goal:** Improvement of U.S. rangeland resources and the ecosystem services they provide by supporting the development of new and emerging rangeland science
- **Purpose:** To provide U.S. agricultural producers, rural landowners, and land managers with integrated science strategies to make informed land management decisions
- Program Contacts:

Jim Dobrowolski  and Adele Turzillo 

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Renewable Resources Extension Act-National Focus Funds (RREA-NFF)

- RREA-NFF projects fulfill at least one of three purposes:
 - Have national or regional relevancy
 - New and innovative projects that can be replicated in other states and/or regions
 - Develop a strategic framework for the RREA Program
- \$300,000 Available for extension projects

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FY 2010 Priorities and Contacts

Priorities:

1. Forest Continuity
2. Rangelands, Drought, and Climate Change

Program Contacts:

- Eric Norland
 - USDA NIFA
 - National Program Leader, Forest Resource Management and RREA Program Co-Lead
- Jim Dobrowski
 - USDA NIFA
 - National Program Leader, Rangeland and Grassland Ecosystems and RREA Program Co-Lead




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Biomass Research and Development Initiative (BRDI)

- NIFA and DOE jointly administers this program.
- Provides grants to eligible entities to research, develop, and demonstrate biomass projects.
 - As defined in parts 1(A) & 1(B) of section 9008 of the Farm Security and Rural Investment Act of 2002 (7 U.S.C. 8101 et seq.) as amended.

Eligibility: Institutions of higher education; national laboratories; federal and state research agencies; private sector; nonprofit organization; or a consortium of 2 or more entities described above.

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BRDI

The three main Technical Areas are:

- (1) Feedstocks Development,
- (2) Biofuels & Biobased Products Development, and
- (3) Biofuels Development and Sustainability Analysis.

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BRDI

- This is a joint solicitation with DOE managing the pre-application process and NIFA managing the full application process.

Program Contacts:

Carmela Bailey 

Daniel Cassidy 

Bill Goldner 

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Small Business Innovation Research (SBIR) Program

- Grants provided to Small Businesses to Research and Develop technologies, products or services that will be commercialized or brought to the marketplace.
- Two-phase program
 - \$100,000 (Phase I) – feasibility study
 - \$500,000 (Phase II) – development and scale-up

Eligibility:
Small businesses of 500 employees or less.



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SBIR Topic Areas

- Forests & Related Resources
- Plant Production & Protection - Biology
- Animal Production & Protection
- Air, Water & Soils
- Food Science & Nutrition

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SBIR Topic Areas (cont.)

- Rural Development
- Aquaculture
- Biofuels and Biobased Products
- Small and Mid-size Farms
- Plant Production & Protection - Engineering

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University Involvement in USDA SBIR



- Strongly encouraged
- Faculty may serve as consultants or receive subcontract and continue to work full time at university

No more than 1/3 of a Phase I award budget or 1/2 of a Phase II award budget may be subcontracted.

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University Involvement in USDA SBIR (cont.)



- Faculty may serve as principal investigator on the grant by:
 - reducing university employment to 49% for duration of grant and
 - conducting SBIR research off-site (i.e., other than university research lab).
- Usually not acceptable for faculty to serve as consultants and have all the research done in their lab.

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SBIR Program

Program Contacts:

Charles Cleland
Bill Goldner
S. (Suresh) Sureshwaran
Dionne Toombs
Adele Turzillo







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Sustainable Agricultural Research and Education (SARE)

Purpose: Increase and disseminate knowledge that helps farmers and ranchers adopt practices that are profitable, environmentally sound, and enhance the quality of life for producers and society as a whole.

Eligibility: Open to all qualified public and private entities, including all colleges and universities, federal, state, and local agencies, private organizations, corporations, and individuals

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SARE Grant Types

- Research and Education
- Farmer/Rancher
- On Farm
- Graduate Student
- Community Innovation

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SARE Regional Boundaries

Alaska
West
North Central
Northeast
South
Hawaii
Puerto Rico
Virgin Islands
Guam
American Samoa
Northern Mariana Islands
U.S. Virgin Islands
Puerto Rico

Size and placement not to scale

SARE Regional Coordinators

<p>North Central http://www.sare.org/ncrsare/ Coordinator: Bill Wilke 120 BAE, University of Minnesota 1390 Eckles Avenue St. Paul, MN 55108 612-625-8205 wilck001@umn.edu</p>	<p>Southern http://www.southernsare.uga.edu/ Coordinator: Jeff Jordan University of Georgia Griffin Campus 1109 Experiment St. Room 206, Stuckey Building Griffin, GA 30223-1797 770-412-4787 jjordan@uga.edu</p>
<p>Northeast http://nesare.org Coordinator: Vern Grubinger University of Vermont Extension 11 University Way, Suite # 4 Brattleboro, VT 05301-3669 802-257-7967 x13 vernon.grubinger@uvm.edu</p>	<p>Western http://wsare.usu.edu/ Coordinator: Phil Rasmussen Utah State University 4865 Old Main Hill Logan, Utah 84322-4865 435-797-3394 philip.rasmussen@usu.edu</p> 

NIFA contact: Rob Hedberg

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 **Need Even More INFO?**

  

Call or E-mail the Program Contact

http://www.nifa.usda.gov/about/AllUnits/staff_dir_search.cfm
