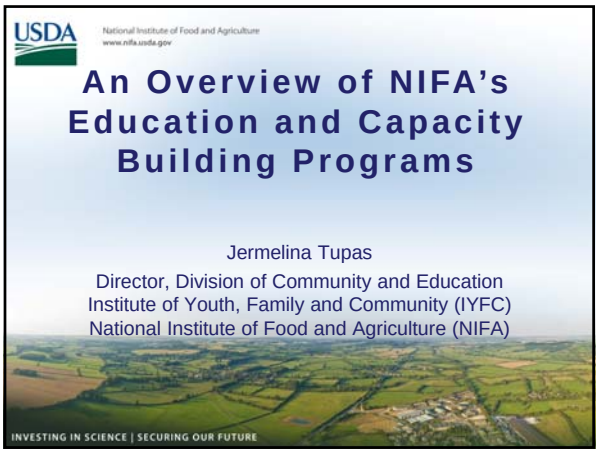
USDA
National Institute of Food and Agriculture
www.nifa.usda.gov
An Overview of NIFA's Education and Capacity Building Programs
Jermelina Tupas
Director, Division of Community and Education
Institute of Youth, Family and Community (IYFC)
National Institute of Food and Agriculture (NIFA)
INVESTING IN SCIENCE | SECURING OUR FUTURE

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Overall Goals:
• Increase the number, quality, and diversity of the next generation of Food and Agriculture scientists (STEM focus)
• Develop a Food and Agriculture workforce ready for local and global needs
• Contribute to the development of Agriculture-literate citizenry

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NIFA – Priority Focus Areas
➢ Global Food Security & Hunger
➢ Climate Change
➢ Sustainable Energy
➢ Nutrition & Child Obesity
➢ Food Safety

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Education and Training Programs at NIFA

Academic Level	Programs
K-16	Ag in the Classroom; Secondary-Postsecondary- Education Challenge Grant; New Era Rural Technology Competitive Grants Program (RTP); Higher Education Challenge Grants Program (HEC); Multicultural Fellowships Program (MSP); Resident Instruction for Institutions of Higher Education in Insular Areas (RIIA); Distance Education Grants for Insular Areas (DEG)
Graduate (M.S., Ph.D.); post doctoral	National Needs Graduate and Postgraduate Fellowship Grants Program; NIFA Fellowship Grant Programs
Various academic levels & Faculty	Women and Minorities in STEM fields;1890 Institutions Teaching Research and Extension Capacity Building Grants Program; Hispanic-Serving Institutions Education Grants Program; Alaska Native-Serving and Native Hawaiian-Serving Institutions Education Grants Program; Tribal Colleges Education Equity Grants Program; Tribal Colleges Research Grants Program; International Science Education Program; AFRI Education and Integrated Programs

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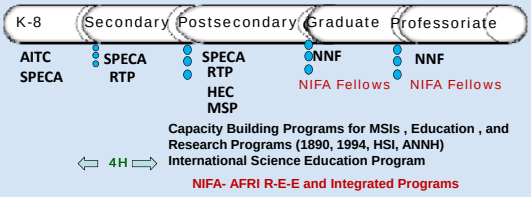
Education Programs at NIFA and the Academic Pipeline



AITC- Ag in the classroom
SPECA- Secondary Post Secondary Education and AITC Challenge Award
RTP- New Era Rural Technology Program
HEC- Higher Education Challenge Award
MSP- Multicultural Scholars Program
NNF- National Needs Fellowship

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Education objectives:

- **Develop Human Capital & Expertise in Food and Agriculture Sciences** *(STEM education & workforce development)*
- **Enhance Institution Capacity Building (***Domestic (MSIs) & International – Teaching, Research & Extension)*
- **Advance Minority-Serving Institutions** (MSI) & **Underrepresented Students (*access &opportunities*)**
- **Foster Partnerships & Collaborations**

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NIFA's Competitive Education Programs

I. Programs with General Eligibility:

A. Challenge Grants

1. AITC Secondary Postsecondary Agriculture Education Challenge Grants (NPL: Greg Smith)
2. Higher Education Challenge Grants (NPL: Greg Smith)

B. Scholarships and Fellowships

1. Multicultural Scholarship Program (NPL: Ray Ali)
2. National Needs Fellowship Program (NPL: Ray Ali)
3. AFRI- NIFA Fellowship Programs (NPL: Margo Holland)

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NIFA's Competitive Education Programs Continued…

II. Programs for Targeted Groups:

A. Rural Areas

1. New Era Rural Technology Competitive Grants Program (NPL: Sally Maggard)
2. Women and Minorities in STEM Fields Grants Program (NPL: Sally Maggard)

B. Insular Areas

1. Resident Instruction Grants Program for Institutions of Higher Education in Insular Areas (NPL: Greg Smith)
2. Distance Education Grants for Institutions of Higher Education in Insular Area (NPL: Greg Smith)

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NIFA's Competitive Education Programs Continued…

C. Alaska Native-Serving and Native Hawaiian-Serving Institutions

Alaska Native-Serving and Native Hawaiian-Serving Institutions Education Grants Program (NPL: Saleia Afele-Faamuli)

D. 1994 Land Grant Institutions Programs

1. Tribal Colleges Research Grants Program (NPL: Saleia Afele-Faamuli)
2. Tribal Colleges Education Equity Grant Program
3. Tribal Colleges Extension Program
   *Federally-Recognized Tribes Extension Program (NPL: Tim Grosser)

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NIFA's Competitive Education Programs Continued…

E. Hispanic Groups

Hispanic-Serving Institutions Education Grants Program (NPL: Irma Lawrence)

F. 1890 Grants Programs

1. 1890 Facilities Grant Program (NPL: P.S. Benepal)
2. 1890 Institutions Teaching and Research Capacity Building Grants Program (NPL: Ali Mohamed)

G. International Focus

International Science and Education Program (NPL: Patty Fulton)

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Questions?

Need Even More INFO?

Call or E-mail the Program Contact

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