The Institute of Food Safety and Nutrition – Meeting Today’s Challenges

An Overview of Food Safety and Nutrition Programs at the National Institute of Food and Agriculture
Societal Challenges Facing our Nation

• Food Security and Hunger
• Climate Change
• Sustainable Energy
• Childhood Obesity Prevention
• Food Safety
# NIFA’s Mission

*Invest in and advance agricultural research, education, and extension to solve societal challenges*

<table>
<thead>
<tr>
<th>Science</th>
<th>People</th>
<th>Process</th>
<th>Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalyze exemplary research, education, and extension programs</td>
<td>Transform NIFA into a model agency with a motivated work force</td>
<td>Institutionalize streamlined, effective policies and processes</td>
<td>Advance America’s global preeminence in food and ag sciences</td>
</tr>
</tbody>
</table>
NIFA Food Safety Programs

• Agriculture and Food Research Initiative
  – Food Safety, Nanotechnology, Water, Climate, Food Security
• Specialty Crops Research Initiative
• Beginning Farmer and Rancher Development Program
• Food Safety Outreach Program
• Organic Agriculture Research & Extension Initiative
• Hatch, Evans Allen, Smith-Lever funding
Research, Education, and Extension

Improving the Safety of the Food Supply

The Food Safety Portfolio

AFRI
SCRI
BFRDP
FSOP
OREI
NIFA Food Safety Programs

- Award $50 million each year
- Average of 90 awards
- Awards range from $35,000 to $5M
- Conference grants - $50,000
- Encourage partnerships
- International collaborators
- Integrate social sciences
NIFA Nutrition Programs

• Agriculture and Food Research Initiative
  – Childhood Obesity, Function and Efficacy of Nutrients
• Community Food Projects
• Regional Nutrition Education and Obesity Prevention Centers of Excellence
• Food Insecurity Nutrition Incentive Program
• Expanded Food and Nutrition Education Program
• Other Hatch, Evans Allen, Smith-Lever funding
Improving the health, fitness and well-being of the nation

Research, Education, and Extension

Nutrition and Healthier Choices Portfolio
NIFA Nutrition Programs

• Award $42 million each year
• Average of 80 awards
• Awards range from $35,000 to $5M
• Conference grants - $50,000
• Encourage partnerships
• Integrate social sciences
Setting Research Priorities

- **USDA/REE/NIFA Strategic Plans**
- **Stakeholder Input**
- **Federal Agencies/Research Orgs.**
- **Congress – The Farm Bill**
- **National and Global Trends**
Stakeholders

- Land grant and non-land grant universities
- Industry and trade organizations
- General public
- Professional societies
- Federal agencies
- Private sector food and nutrition organizations
- Congress
- Others
Working With Federal Partners to Build Powerful Partnerships

• 19 Federal Food Safety Agencies
  – Monitoring and surveillance
  – Regulation and Enforcement
  – Food assistance
  – Research
  – Education and outreach

• President’s Food Safety Task Force
• Office of Science and Technology Policy
• Partnership for Food Safety Education
• Dairy Management Inc.
Building Powerful Partnerships

• The Food Safety Outreach Program
  – New collaboration between NIFA and FDA
    • National Training, Education, Extension, Outreach and Technical Assistance
      Competitive Grants Program
  – Supports changes in the Food Safety Modernization Act
  – Focuses on education, outreach, and training
  – Targets audiences least likely to have access
  – Builds on a national infrastructure
  – Supports the Secretary’s agenda
  – Empowers partners in food and agriculture
Working With Federal Partners to Build Powerful Partnerships

- **Federal Nutrition Agencies**
  - Obesity prevention
  - Nutrition research
  - Food assistance
  - Education and outreach

- **Office of Science and Technology Policy**

- **Human Nutrition Coordinating Committee**

- **National Collaborative on Childhood Obesity Research**

- **Let’s Move Campaign**

- **Know Your Farmer Know Your Food**
Building Powerful Partnerships

FINI Program:

- Partnership between the Food and Nutrition Service and NIFA
- Focused on increasing the purchase of fruits and vegetables
- Audience is low-income consumers in SNAP
- Provides incentives at the point of purchase
- Funds 3 types of awards
  - Small pilot projects for up to $100,000
  - Medium-sized projects for up to $500,000
  - Large scale projects that are $500,000 or greater
Building Powerful Partnerships

SNAP & EFNEP: Nutrition Education and Obesity Prevention: Regional Centers of Excellence

• Partnership between FNS and NIFA
• Develops evidence-based data to support best practices among poor and under-represented groups
• Strengthens the evidence-base on effective nutrition education/obesity prevention programs for diverse population groups
• Strengthens SNAP and EFNEP nutrition education programs for low-income families
• Supports research on nutrition education and obesity prevention for disadvantaged children and families
Building Powerful Partnerships

NIH/USDA Specific Molecular Profiles and Biomarkers of Food and Nutrient Intake

• New collaboration between NIFA and NIH
• Focuses on human nutrition research and biomarkers of dietary consumption
• Funds collaborative research among scientists
• Promotes healthy diets
• Supports the Secretary’s agenda
Future Needs

• Continued focus on persistent challenges
• Expanded funding mechanisms within the existing portfolio
• Building on powerful partnerships to promote leveraging of resources
• Exploring joint funding among AFRI programs
Questions ?????