

## USDA/NIFA Agriculture and Food Research Initiative (AFRI) - 2010 RFA's

Program Number	Program Areas	Project Type	Grant Type	Funds Available (Millions)	Maximum Size and Length	Letter of Intent Deadline	Application Deadline	Contacts
<b>Foundational Program within AFRI (\$64 million)</b>								
<b><u>Plant Health and Production and Plant Products:</u></b>								
A1101	a. Plant Science	Research		\$7.5	\$500K/ 5yrs	4/20	7/7	Liang-Shiou Lin (202.401.5045; llin@nifa.usda.gov ) Ed Kaleikau (202.401.1931; ekaleikau@nifa.usda.gov) Shing Kwok (202.401.6060; swkok@nifa.usda.gov)
A1111	b. Pest and Beneficial Insects in Plant Systems	Research		\$6.0	\$500K/ 5yrs	4/22	6/10	Mary Purcell-Miramontes (202.401.5108; mpurcell@nifa.usda.gov)
<b><u>Animal Health and Production and Animal Products:</u></b>								
A1201	a. Animal Bioinformatics and Development of Tools for Livestock, Poultry, and Aquaculture	Research	S, C, F	\$5.0	\$750K/ 5yrs	4/21	7/14	Mark Mirando (202.401.4366; mmirando@nifa.usda.gov) Muquarrab Qureshi (202.401.4895; mqureshi@nifa.usda.gov)
A1211	b. Animal Reproduction	Research	S, C, F	\$4.0	\$500K/ 5yrs	NR	5/4	Mark Mirando (202.401.4366; mmirando@nifa.usda.gov)
A1121	c. Animal Health	Research	S, C, F	\$5.0	\$500K/ 5yrs	NR	5/5	Peter Johnson (201.401.1896; pjohnson@nifa.usda.gov) Margo Holland (202.401.5044; mholland@nifa.usda.gov)
<b><u>Food Safety, Nutrition and Health:</u></b>								
A1301	a. Food-borne Pathogen-Plant Interactions	Research	S, C, F	\$3.5	\$500K/ 5yrs	4/14	5/26	Jennette Thurston (202.720.7166; jthurston@nifa.usda.gov) Ann Lichens-Park (202.401.6460; apark@nifa.usd.gov)
A1311	b. Practical Approaches to Food Safety	Research	S, C, F	\$2.0	\$500K/ 5yrs	5/12	8/4	Jennette Thurston (202.720.7166; jthurston@nifa.usda.gov)
A1321	c. Reducing Food Allergies by Improving Food Quality	Research	S, C, F	\$4.5	\$500K/ 5yrs	4/14	6/14	Dionne Toombs (202.401.2138; dtoombs@nifa.usda.gov) Ram Rao (202.401.6010; rrao@nifa.usda.gov)
<b><u>Renewable Energy, Natural Resources, and Environment:</u></b>								
A1401	a. Microbial Communities in Soil	Research	S, C, F	\$4.5	\$500K/ 5yrs	5/3	8/23	Ann Lichens-Park (202.401.6460; apark@nifa.usd.gov) Nancy Cavallaro (202.401.5176; ncavallaro@nifa.usda.gov)
A1411	b. Agriculture Water Science	Research	S, C, F	\$4.5	\$500K/ 5yrs	NR	5/19	James Dobrowolski (202.401.5016; jdobrowolski@nifa.usda.gov)
<b><u>Agricultural Systems and Technology:</u></b>								
A1501	a. Engineering Approaches for Improved or Alternative Management Systems to Safeguard Animal Welfare	Research	S, C, F	\$4.0	\$700K/ 5yrs	4/14	7/8	Margo Holland (202.401.5044; mholland@nifa.usda.gov) Richard Hegg (202.402.6550; rhegg@nifa.usda.gov) Peter Johnson (201.401.1896; pjohnson@nifa.usda.gov)
A1511	b. Nanoscale Science and Nanotechnology to Ensure Safe Food	Research	S, C, F	\$3.5	\$500K/ 5yrs	NR	5/14	Hongda Chen (202.401.6497; hchen@nifa.usda.gov)
<b><u>Agricultural Economics and Rural Communities:</u></b>								
A1601	a. Prosperity of Small and Medium-Sized Farms and Rural Communities	Research	S, C, F	\$7.0	\$500k/ 5yrs	NR	7/14	Suresh Sureshwaran (202.720.7536; ssureshwaran@nifa.usda.gov)

NR = Not required; Grant types: S=Standard. CAP=Coordinated Agricultural Project, C=Conference, F=FASE, P=Planning

## USDA/NIFA Agriculture and Food Research Initiative (AFRI) - 2010 RFA's

Program Number	Program Areas	Project Type	Grant Type	Funds Available (Millions)	Maximum Size and Length	Letter of Intent Deadline	Application Deadline	Contacts
A1611	b Economics of Markets and Development	Research	S, C, F	\$3.0	\$500k/ 5yrs	NR	7/7	Suresh Sureshwaran (202.720.7536; ssureshwaran@nifa.usda.gov)
<b>Childhood Obesity Prevention (\$25 million)</b>								
A2101	Integrated Research, Education and Extension to Prevent Childhood Obesity	Integrated	S, C, F	Up to 15 awards of up to \$1.0M/ award/yr	5 yrs	NR	6/29	Etta Saltos (202.401.5187; esaltos@nifa.usda.gov)
A2111	Extension Interventions to Prevent Childhood Obesity	Extension	S, C, F	Up to 5 awards of up to \$0.2M/ award/yr	5 yrs	NR	6/29	Susan Welsh (202.720.5544; swelsh@nifa.usda.gov)
A2121	Transdisciplinary Graduate Education and Training in Nutrition and Family Sciences or Child Development or Related Fields to Prevent Childhood Obesity	Education	S, C, F	Up to 2 awards of up to \$1.0M/ award/yr	5 yrs	NR	8/3	Susan Welsh (202.720.5544; swelsh@nifa.usda.gov)
A2131	Methodological Research to Assess the Effectiveness of Obesity Prevention Strategies	Research	S, C, F	Up to 4 awards up to \$0.5M/ award/yr	5 yrs	NR	6/29	Susan Welsh (202.720.5544; swelsh@nifa.usda.gov)
A2141	Community-based Childhood Obesity Prevention	Integrated	CAP, C, F	Up to 1 award up to \$5M/ award/yr	5 yrs	5/3	8/3	Etta Saltos (202.401.5187; esaltos@nifa.usda.gov)

NR = Not required; Grant types: S=Standard. CAP=Coordinated Agricultural Project, C=Conference, F=FASE, P=Planning


## USDA/NIFA Agriculture and Food Research Initiative (AFRI) - 2010 RFA's

Program Number	Program Areas	Project Type	Grant Type	Funds Available (Millions)	Maximum Size and Length	Letter of Intent Deadline	Application Deadline	Contacts
<b>Climate Change (\$55 million)</b>								
A3101	Regional Approaches to Climate Change	Integrated	CAP, C, F	Up to 5-8 awards up to \$4.0M/ award/yr	5 yrs	5/7	7/16	Michael Bowers (202.401.4510; mbowers@nifa.usda.gov)
A3111	Regional Approaches to Climate Change: Planning	Integrated	P, C	Up to 10 awards up to \$0.05M/ award/yr	1 yr.	NR	5/14	Mary Ann Rozum (202.401.4522; mrozum@nifa.usda.gov)
A3121	National Cereal Germplasm Phenotyping	Integrated	CAP, C, F	Up to 2 awards up to \$5.0M/ award/yr	5 yrs	5/7	7/16	Ed Kaleikau (202.401.1931; ekaleikau@nifa.usda.gov)
A3131	Impacts of Climate Change on Animal Health and Production	Research	S, C, F	Up to 5 awards up to \$0.5M/ award/yr	5 yrs	4/30	7/2	Adele Turzillo (202.401.6158; aturzillo@nifa.usda.gov)
A3141	Climate Change Mitigation and Adaptation in Agriculture	Research, Education, Extension, or Integrated	S, C, F	Up to 13 awards up to \$1.0M/ award/yr	5 yrs	4/30	7/2	Ray Knighton (202.401.6417; rknighton@nifa.usda.gov)
<b>Food Safety (\$20 million)</b>								
A4101	Prevention, Detection, and Control of Shiga toxin-producing Escherichia coli from Pre-Harvest through Consumption of Beef Products	Integrated	CAP, C, F	1-2 awards up to \$5.0M/ award/yr	5 yrs	5/5	9/22	Jennette Thurston (202.720.7166; jthurston@nifa.usda.gov)
A4111	Microbial Ecology and Shiga toxin-producing Escherichia coli Shedding in Cattle	Research	S, C, F	Up to 7 awards up to \$0.5M/ award/yr	5 yrs	4/21	6/29	Jennette Thurston (202.720.7166; jthurston@nifa.usda.gov)
A4121	Prevention, Detection, and Control of Food-borne Viruses in Food: A Focus on Noroviruses	Integrated	CAP, C, F	Up to 1-2 awards up to \$5.0M/ award/yr	5 yrs	4/26	9/1	Jennette Thurston (202.720.7166; jthurston@nifa.usda.gov)
A4131	Food Processing Technologies to Destroy Food-borne Pathogens with an Emphasis on Viruses and Shiga toxin-producing Escherichia coli	Integrated	S, C, F	UP to 4 awards up to \$1.0M/ award/yr	5 yrs	4/21	6/29	Dionne Toombs (202.401.2138; dtoombs@nifa.usda.gov)
A4141	Addressing Critical and Emerging Food Safety Issues	Research	S, C, F	Up to 5 awards up to \$0.3M/ award/yr	5 yrs	4/28	6/29	Jennette Thurston (202.720.7166; jthurston@nifa.usda.gov)
A4151	National Education Programs for Food Safety	Education	S, C, F	Up to 2 awards up to \$0.5M/ award/yr	5 yrs	4/28	6/29	Ali Mohamed (202.720.5229; alimohamed@nifa.usda.gov)

NR = Not required; Grant types: S=Standard. CAP=Coordinated Agricultural Project, C=Conference, F=FASE, P=Planning

## USDA/NIFA Agriculture and Food Research Initiative (AFRI) - 2010 RFA's

Program Number	Program Areas	Project Type	Grant Type	Funds Available (Millions)	Maximum Size and Length	Letter of Intent Deadline	Application Deadline	Contacts
<b>Global Food Security (\$19 million)</b>								
A5101	Improving Sustainability by Improving Feed Efficiency of Animals	Integrated	S, C, F	Up to 3 awards up to \$3.0M/ award/yr	5 yrs	4/14	7/14	Mark Mirando (202.401.4366; mmirando@nifa.usda.gov)
A5111	Minimizing Losses from Dairy Diseases with Major Impact on Production, Marketing, and/or Trade	Integrated	CAP, C, F	Up to 1 award up to \$2.0M/ award/yr	5 yrs	4/23	7/13	Peter Johnson (201.401.1896; pjohson@nifa.usda.gov)
A5121	Oomycete Pathosystems in Crop Plants to Minimize Disease	Integrated	CAP, C, F	Up to 2 awards up to \$1.9M/ award/yr	5 yrs	4/26	8/2	Ann Lichens-Park (202.401.6460; apark@nifa.usd.gov)
A5131	Program Delivery and Implementation of Wide-area Pest Monitoring	Extension	CAP, C, F	Up to 1 award up to \$1.2M/ award/yr	5 yrs	5/19	8/11	Martin Draper (202.401.1990; mdraper@nifa.usda.gov)
A5141	Improved Sustainable Food Systems to Reduce Hunger and Food Insecurity Domestically and Globally	Integrated	S, C, F	Up to 5 awards up to \$1.0M/ award/yr	5 yrs	4/30	6/29	Elizabeth Tuckermanty (202.205.0241; etuckermanty@nifa.usda.gov)
<b>Sustainable Bioenergy (\$40 million)</b>								
A6101	Regional Approaches to Sustainable Bioenergy	Integrated	CAP, C, F	Up to 3-5 awards up to \$9.0M/ award/yr	5 yrs	7/9	9/15	William Goldner (202.401.1719; wgoldner@nifa.usda.gov)
A6111	Regional Approaches to Sustainable Bioenergy: Planning	Integrated	P, C	Up to 4 awards up to \$0.05M/ award/yr	1 yr.	NR	5/14	William Goldner (202.401.1719; wgoldner@nifa.usda.gov)
A6121	Sustainable Bioenergy Research	Research	S, C, F	Up to 40 awards up to \$0.2M/ award/yr	5 yrs	4/30	6/14	Mary Purcell-Miramontes (202.401.5108; mpurcell@nifa.usda.gov)
A6131	Investing in Americans Scientific Corps: Stimulating a New Era of Students and Faculty in Bioenergy	Education	S, C, F	Up to 2 awards up to \$1.0M/ award/yr	5 yrs	4/30	6/14	Daniel Cassidy (202.401.6444; dcassidy@nifa.usda.gov)
A6141	National Loblolly Pine Genome Sequencing	Research	CAP, C, F	Up to 1 award up to \$3.0M/ award/yr	5 yrs	5/7	7/16	Ed Kaleikau (202.401.1931; ekaleikau@nifa.usda.gov)

 denotes integrated projects, for which ARS scientists cannot be PI.