

CSREES	ARS	USFS R&D
AGRICULTURE AND FOOD BIOSECURITY		
• Agriculture and Food Biosecurity		
AGRICULTURAL SYSTEMS		
• Manure & Nutrient Management	• Manure and Byproduct Utilization (NR & SUS AG)	
• Organic Agriculture		
• Precision Farming		
• Small Farms		
• Sustainable Agriculture		
• Workforce Development & Safety		
ANIMALS AND ANIMAL PRODUCTS	ANIMAL PRODUCTION AND PROTECTION	
• Animal Breeding, Genetics, and Genomics		
• Animal Health	• Animal Health	
• Animal Nutrition and Growth		
• Animal Products		
• Animal Reproduction		
• Animal Well-Being	• Animal Well-Being and Stress Control Systems	
• Aquaculture	• Aquaculture	
	• Food Animal Production	
	• Veterinary, Medical, and Urban Entomology	
PLANTS AND PLANT PRODUCTS	CROP PRODUCTION AND PROTECTION	FOREST PRODUCTION AND PROTECTION
• Agronomic and Forage Crops		
• Biobased Products and Processing		• Forest Products Utilization and Processing
• Horticulture		
• Plant Breeding, Genetics, and Genomics	• Plant Genetic Resources, Genomics, and Genetic Imp.	• Silviculture and Plant Genetics
	• Plant Biological and Molecular Processes	
	• Plant Diseases	• Forest Diseases
	• Crop Protection and Quarantine	
	• Crop Production	
		• Biodiversity

CSREES	ARS	USFS R&D
BIOTECHNOLOGY AND GENOMICS		
• Bioinformatics		
• Biotechnology		
• Microbial Genomics		
PEST MANAGEMENT	PEST MANAGEMENT	PEST MANAGEMENT & INVASIVE SPECIES
• Biobased Pest Management		
• Integrated Pest Management		
• Invasive Species		• Invasive Species
• Pesticides	• Methyl Bromide Alternatives (CROPS)	
		• Entomology
TECHNOLOGY AND ENGINEERING	TECHNOLOGY, ENGINEERING, AND ENERGY	
• Agricultural and Biological Engineering	• Bioenergy and Energy Alternatives	
• Information Technology Education		
• Nanotechnology		
• Sensor Technology		
NATURAL RESOURCES AND ENVIRONMENT	NAT. RESOURCES AND SUSTAINABLE AG SYSTEMS	NATURAL RESOURCES AND ENVIRONMENT
• Air Quality	• Air Quality	• Atmospheric Sciences
• Ecosystems		• Quantitative Ecology and Forest Ecosystems Sustainability
• Environmental and Resource Economics		
• Fish and Wildlife		• Fish and Wildlife Habitat
• Forests		• Forest Operations
• Global Change and Climate	• Global Change	• Global Change
• Rangelands	• Rangeland, Pasture, and Forages	• Rangeland Ecology
• Soils	• Soil Resource Management	• Soil Sciences
• Sustainable Development		
• Water	• Water Quality and Management	• Watershed
		• Fire Systems and Fire Ecology
		• Wilderness and Landscape Management
		• Outdoor Recreation

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FOOD, NUTRITION, AND HEALTH	NUTRITION, FOOD SAFETY, FOOD QUALITY	PRODUCT SAFETY AND HUMAN HEALTH
<ul style="list-style-type: none"> • Food Safety and Biosecurity 	<ul style="list-style-type: none"> • Food Safety (Animal and Plant Products) 	<ul style="list-style-type: none"> • Product Safety and Human Health
<ul style="list-style-type: none"> • Food Science and Technology 		
<ul style="list-style-type: none"> • Health 		
<ul style="list-style-type: none"> • Hunger and Food Security 		
<ul style="list-style-type: none"> • Nutrition 	<ul style="list-style-type: none"> • Human Nutrition 	
<ul style="list-style-type: none"> • Obesity and Healthy Weight 		
	<ul style="list-style-type: none"> • Quality and Utilization of Agricultural Products 	
ECONOMICS AND COMMERCE		ECONOMICS AND COMMERCE
<ul style="list-style-type: none"> • Agricultural Markets and Trade 		<ul style="list-style-type: none"> • Forest Resource Valuation and Use
<ul style="list-style-type: none"> • Farm Financial Management 		
<ul style="list-style-type: none"> • Financial Security 		
<ul style="list-style-type: none"> • Public Policy 		
<ul style="list-style-type: none"> • Small and Home-Based Business 		
		<ul style="list-style-type: none"> • Forest Policy
FAMILIES, YOUTH, AND COMMUNITIES		
<ul style="list-style-type: none"> • Child Care and After-School Programs 		
<ul style="list-style-type: none"> • Communities At Risk 		
<ul style="list-style-type: none"> • Housing and Indoor Environment 		
<ul style="list-style-type: none"> • Family Science and Human Development 		
<ul style="list-style-type: none"> • Leadership and Volunteer Development 		
<ul style="list-style-type: none"> • Rural and Community Development 		
<ul style="list-style-type: none"> • Urban Programs 		
<ul style="list-style-type: none"> • Youth Development and 4-H 		
<ul style="list-style-type: none"> • Youth Education 		