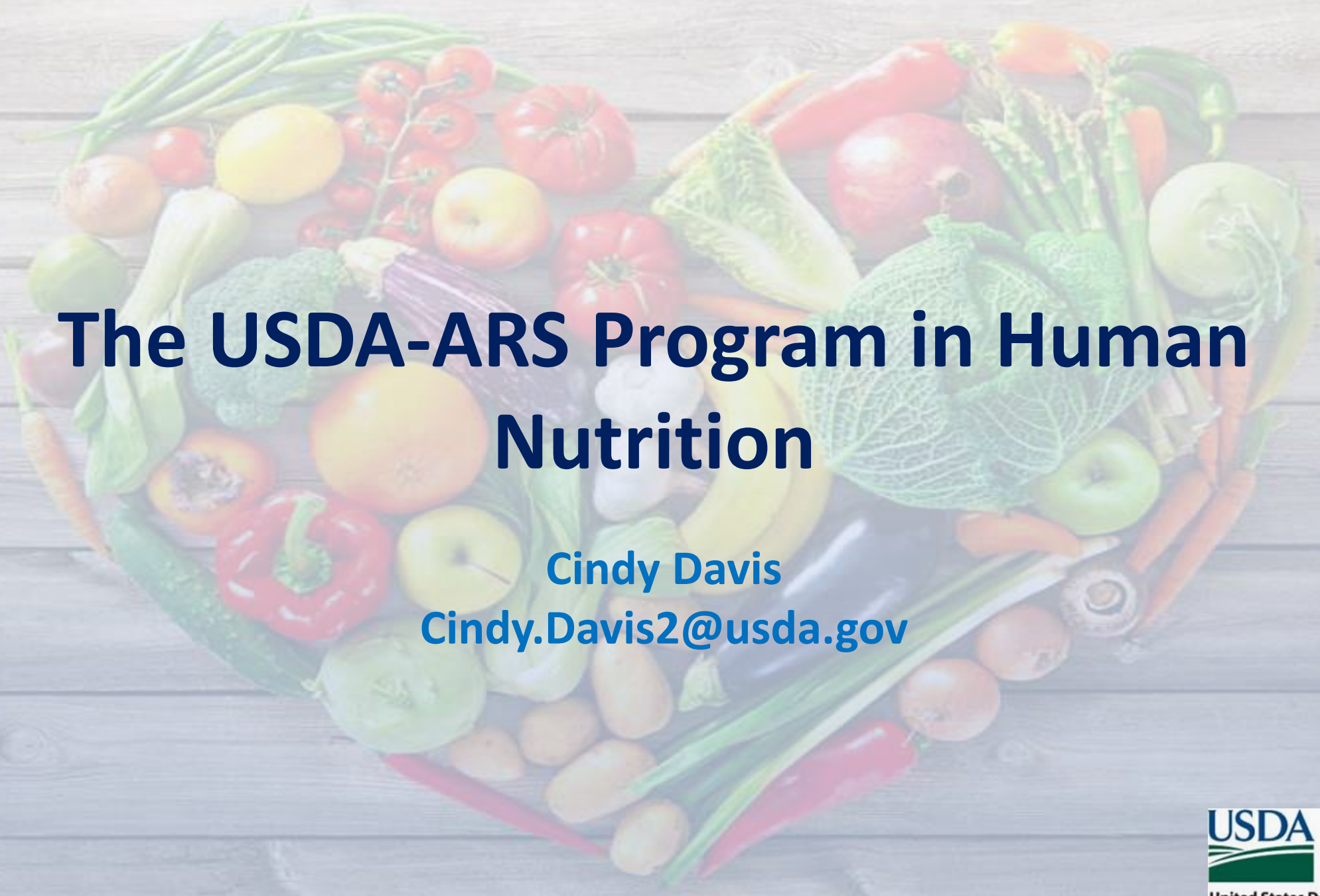




The USDA-ARS Program in Human Nutrition

Cindy Davis
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USDA Human Nutrition Program

Mission: to define the role of food and its components in optimizing health throughout the life cycle for all Americans by conducting high national priority research

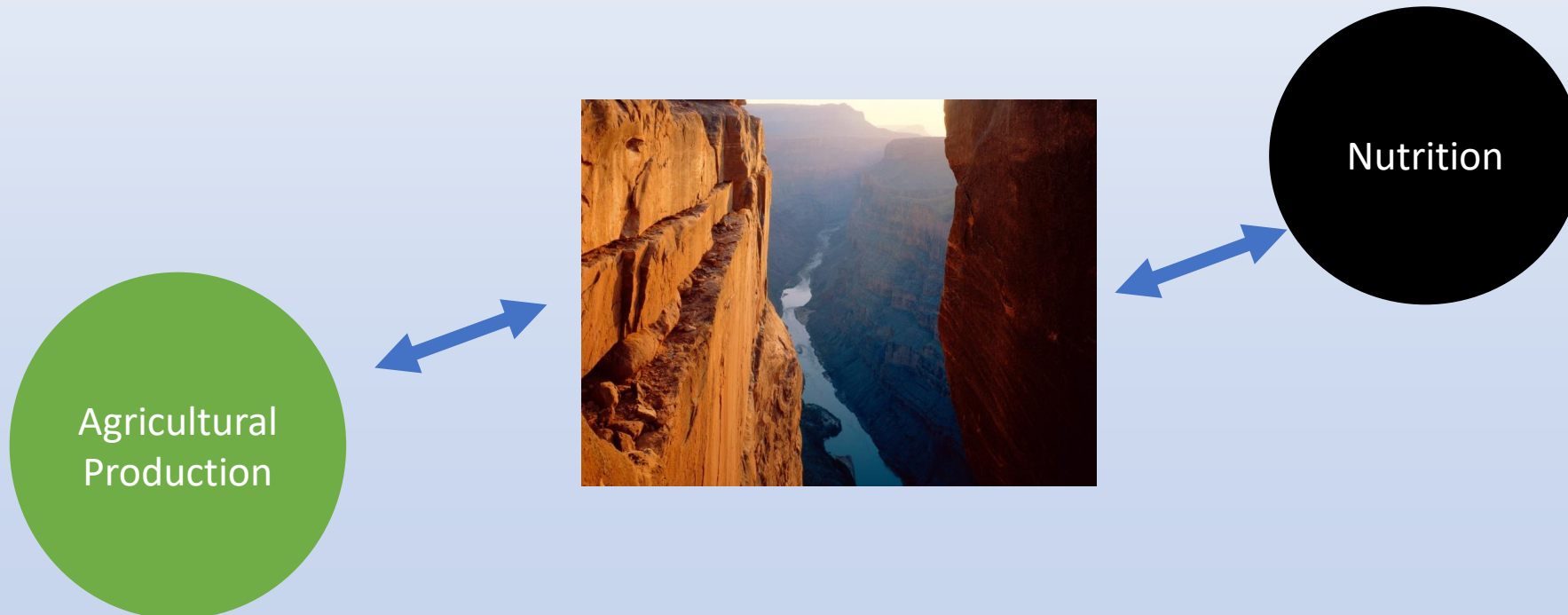
Vision: well-nourished Americans make health-promoting diet choices based on scientific evidence



USDA-ARS Human Nutrition Priorities (2024-2029)

Component 1: Bridging the Gap between Food Production and Human Health

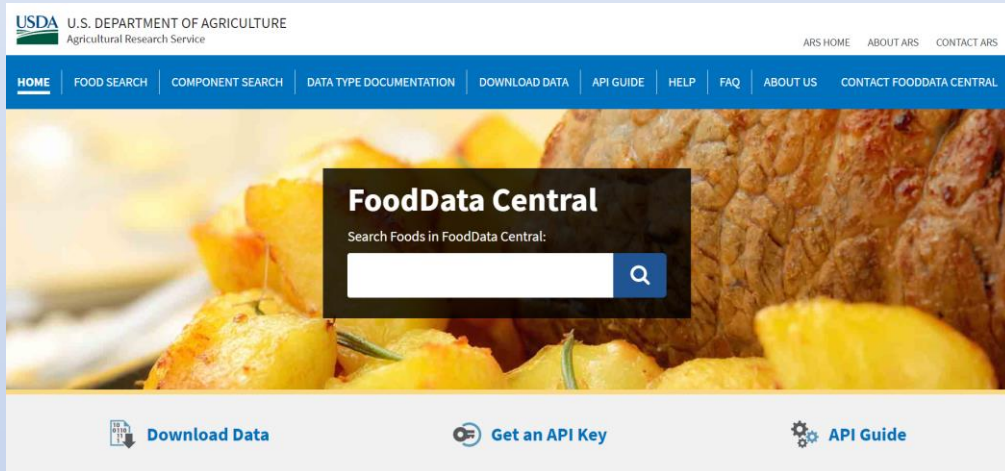
- Determine Agriculture Practices that Influence the Nutritional Quality and Composition of Food
- Conduct Multi-disciplinary Research to understand the Complex Interactions within the Food System and their Impacts on Human Health



USDA-ARS Human Nutrition Priorities (2024-2029)

Component 2: Monitoring Food Composition and Nutrient Intake of the Nation

- Provide Food Composition Data
- Determine Food Consumption and Dietary Patterns of Americans
- Develop New and Improved Methods to Analyze Foods and Determine Food and Nutrient Intake



USDA-ARS Human Nutrition Priorities (2024-2029)



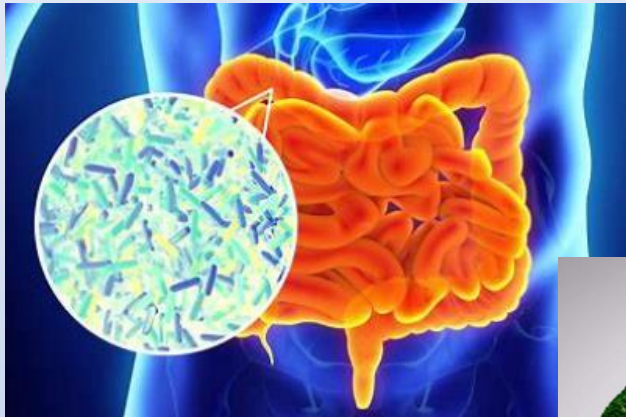
Component 3: Scientific Basis for Dietary Guidance

- Improve the Scientific Basis for Updating National Dietary Standards and Guidelines
- Identify Mechanisms Whereby Food, Food Components, and Physical Activity Promote Health
- Utilize Advanced Technology to Develop and Integrate Multiple Data Sources to More Precisely Inform Nutritional Requirements

USDA-ARS Human Nutrition Priorities (2024-2029)

Component 4: Prevention of Diet-Related Chronic Diseases

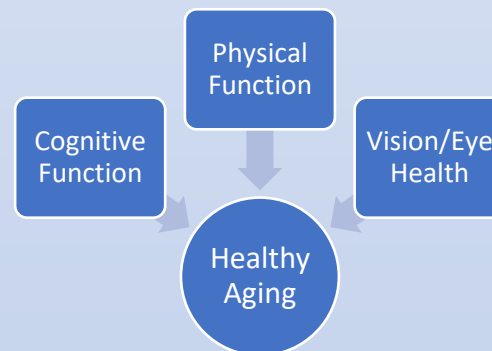
- Identify Mechanisms Whereby Food, Food Components, and Physical Activity Help Prevent Diet-Related Chronic Diseases such as Obesity, Diabetes, Cardiovascular Disease, and Cancer
- Develop and Evaluate Diet and Physical Activity Strategies to Prevent Chronic Diseases



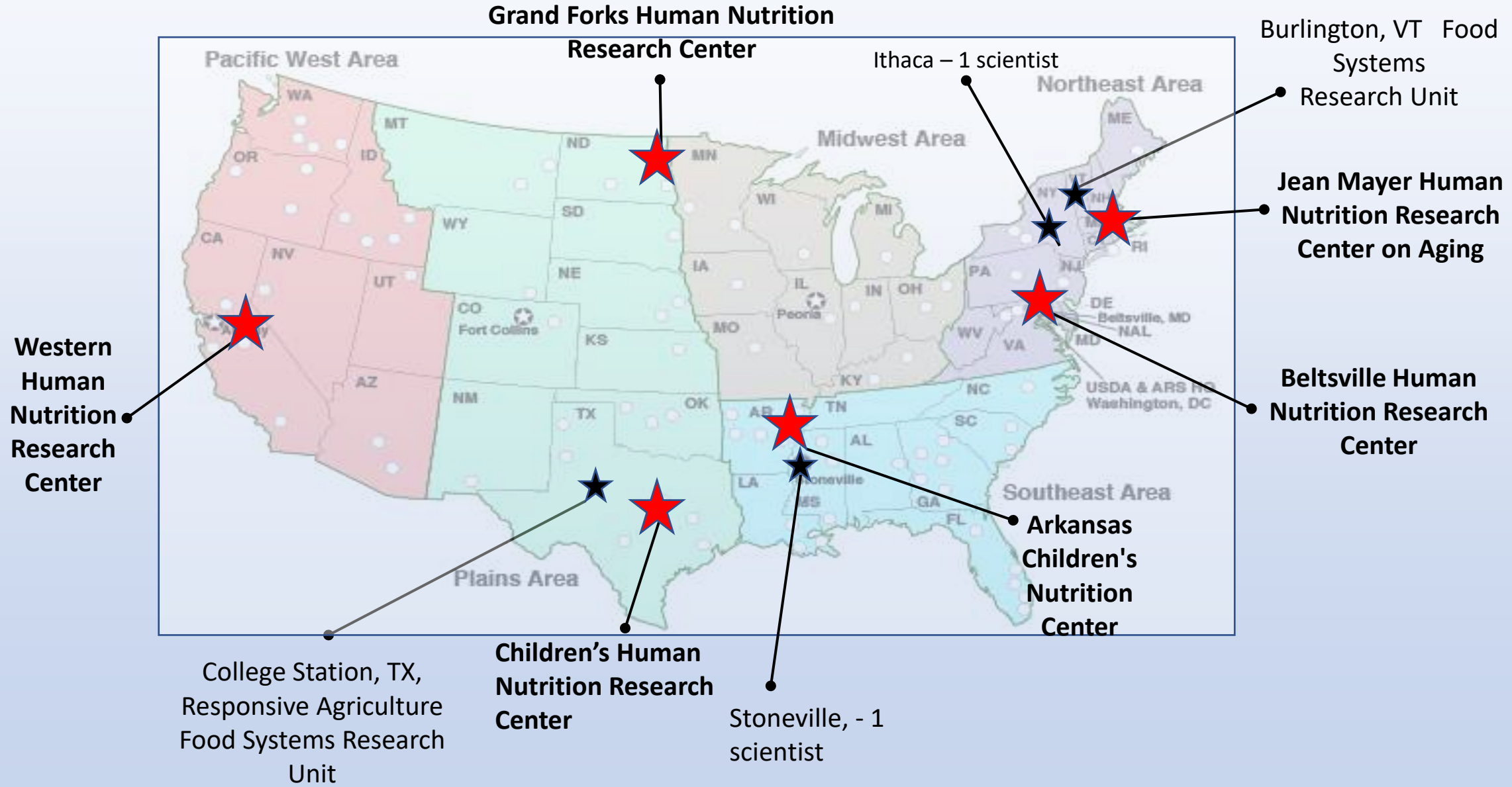
USDA-ARS Human Nutrition Priorities (2024-2029)

Component 5: Life Stage Nutrition and Metabolism

- Identify Dietary and Related Lifestyle Impacts for healthy Development and Function from Conception to Old Age
- Understand the Role of Diet and Physical Activity on Metabolic Programming



USDA Human Nutrition Research Centers and Locations



Two Centers Focused on Pregnancy and Child Health

Arkansas Children's Nutrition Center



Mission: to conduct cutting-edge research to understand how maternal-child nutrition and physical activity optimize health and development

Children's Nutrition Research Center



Mission: to define the dietary needs that will assure health in pregnant and lactating women and in children from conception through adolescence

Prepregnancy BMI and Gestational Weight Gain: New Evidence, Emerging Innovations, and Policy Implications: A Workshop

