



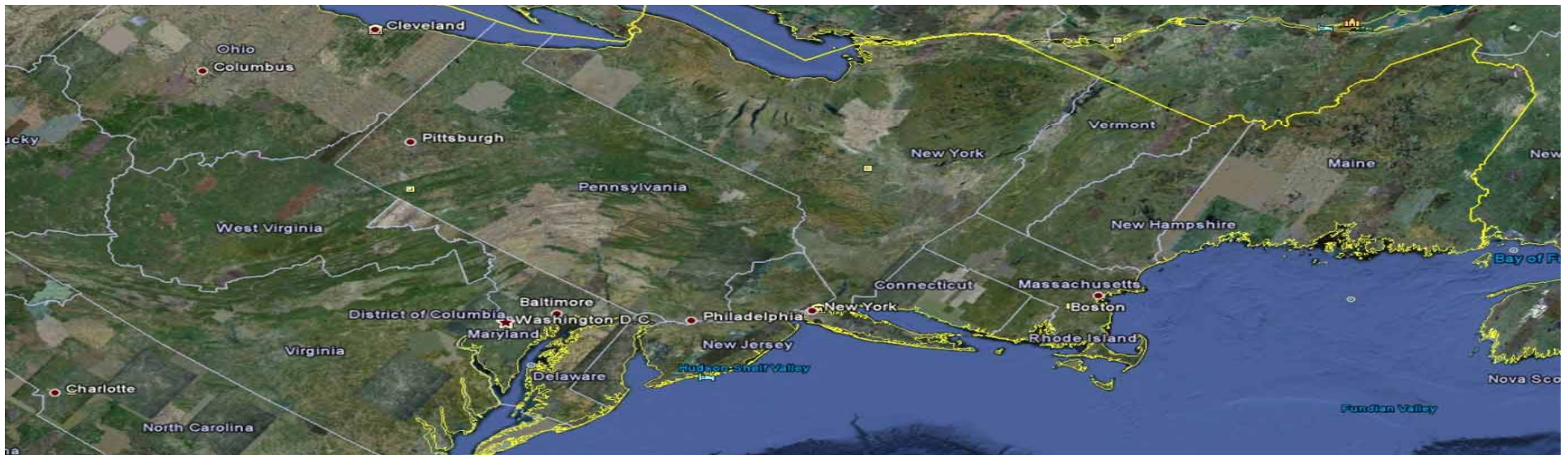
United States  
Department of  
Agriculture

National Institute  
of Food and  
Agriculture

Grant No. 2011-68004-30057

# NE AFRI-GFS Project Overview

## Enhancing Food Security in the Northeast with Regional Food Systems





**NE AFRI-GFS  
Project  
Launch  
Meeting**

Beltsville, MD  
March 21-22,  
2011

Pictured from left to right: Linda Berlin, David Marvel, Carol Giesecke, Alessandro Bonanno, Jonathan Resop, Mia Cellucci, Dave Fleisher, Clare Hinrichs, Tim Griffin, Deno De Ciantis, Joyce Smith, Christian Peters, Kate Clancy, Michael Conard, Juli Obudzinski, Kate Alie, Pat Canning, Kathy Ruhf, Miguel Gomez, Stephan Goetz

Kneeling: Anne Palmer and Toni Liquori

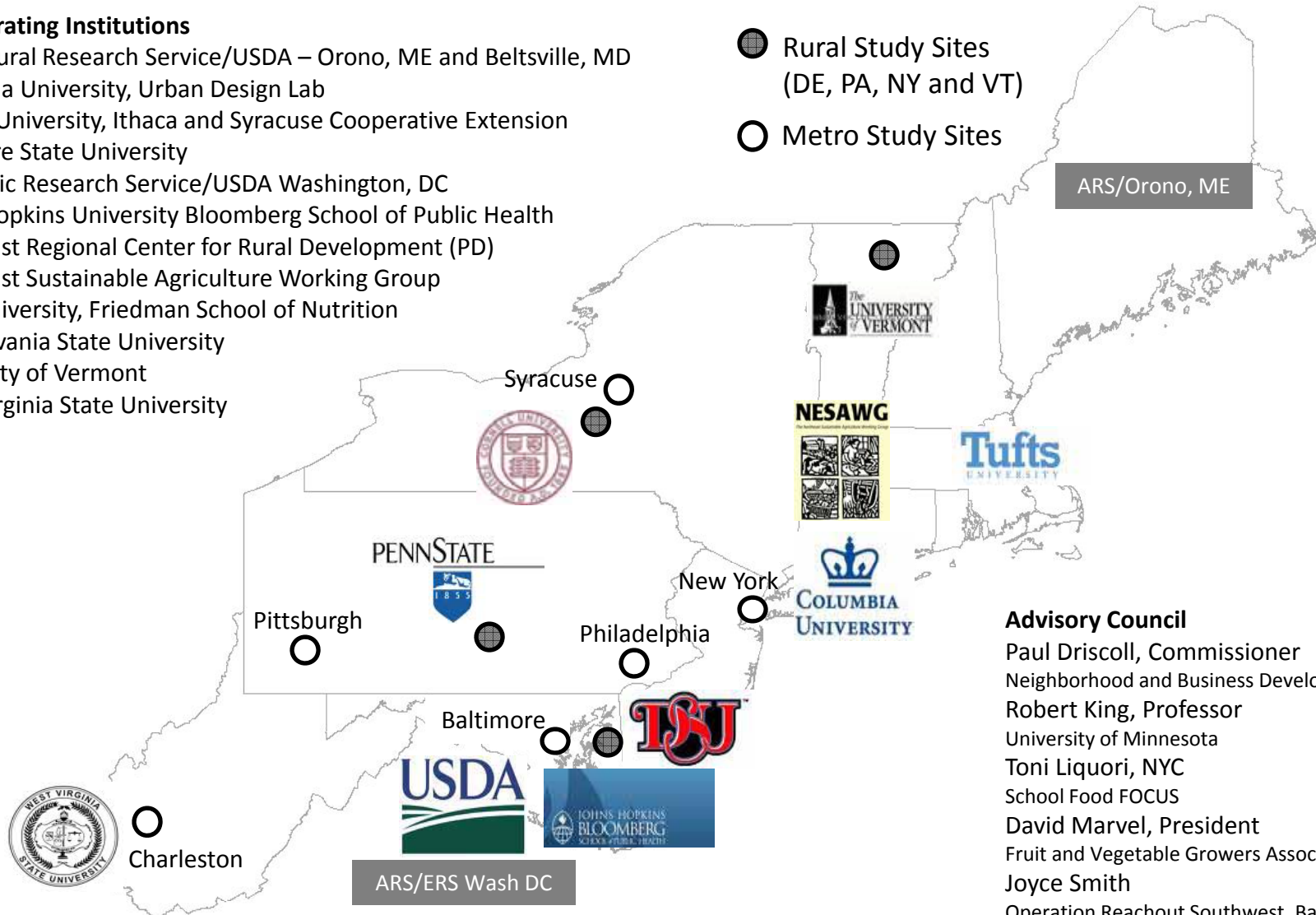
Not pictured: Kubi Ackerman, Amanda Behrens, Oliver Gao, Robert King, Robert Larkin, Sherri DeFauw, Richard Plunz, Angel Park, Ben Walsh, Pam Hearn, Pam Hileman

# Northeast AFRI-GIS Project Sites and Collaborating Institutions

## Collaborating Institutions

Agricultural Research Service/USDA – Orono, ME and Beltsville, MD  
 Columbia University, Urban Design Lab  
 Cornell University, Ithaca and Syracuse Cooperative Extension  
 Delaware State University  
 Economic Research Service/USDA Washington, DC  
 Johns Hopkins University Bloomberg School of Public Health  
 Northeast Regional Center for Rural Development (PD)  
 Northeast Sustainable Agriculture Working Group  
 Tufts University, Friedman School of Nutrition  
 Pennsylvania State University  
 University of Vermont  
 West Virginia State University

- Rural Study Sites (DE, PA, NY and VT)
- Metro Study Sites



## Advisory Council

Paul Driscoll, Commissioner  
 Neighborhood and Business Development  
 Robert King, Professor  
 University of Minnesota  
 Toni Liquori, NYC  
 School Food FOCUS  
 David Marvel, President  
 Fruit and Vegetable Growers Assoc. of DE  
 Joyce Smith  
 Operation Reachout Southwest, Baltimore

## Professional Evaluator

Ed Wilson  
 The Headwaters Group



# Collaborating Investigators (part 1)

<b>Roles of the Collaborators (Sub-Contractors)/Co-Principal Investigators</b>	<b>R</b>	<b>T</b>	<b>O</b>
Kate Alie, West Virginia State University Cooperative Extension; project liaison to the Charleston, WV community, and responsible for designing and fielding questionnaires on nutrition and foods available within stores. Also engaged in analysis, interpretation and dissemination of results, curriculum development	20		80
Dr. Linda Berlin, Extension Assistant Professor and Director, Nutrition & Food Sciences, University of Vermont; responsible for designing nutrition-related questionnaires, and for bringing her international experience on hunger issues. Principal project liaison to Essex County, VT (rural project site)	25		75
Dr. A. Bonanno, Assistant Professor of Agricultural Economics, is responsible for county-level food stamp, participation and food desert studies, and he is the contact for the Food Pantry collaborators in Pittsburgh	80	20	
Dr. Patrick Canning, Economist, USDA-ERS, Washington, DC, responsible for developing commodity flow estimates and consumer expenditures, using MITERS; will work closely with the PD and graduate student at Penn State	100		
Dr. Kate Clancy, Food Systems Consultant, Visiting Scholar, Johns Hopkins Bloomberg School of Public Health, consultant on strategic value chain analysis and regional food system analysis; also develops curriculum and outreach materials in years 3-5 of project. <i>Coordinator across the five project objectives.</i>	50		50
Michael Conard, Adjunct Associate Professor, Columbia University, responsible for and principal project liaison to New York City stakeholders; also will lead the curriculum and outreach design	40	20	40
Cornell Cooperative Extension Office. Will implement the study in Metro Syracuse and rural Madison County, NY	20		80
Dr. Deno De Cantis, Director of the Penn State Urban Extension Center in Pittsburgh; principal liaison to City Hall and neighborhood and community associations, food-related groups and principal co-organizer of Global Food Security Summit in Year 5 of the project			100
Dr. Dave Fleisher, Agricultural Engineer, USDA-ARS Crop Systems and Global Change Laboratory, Beltsville, MD, crop modeling specialist	100		
Dr. Oliver Gao; responsible for supply chain model development, analysis and policy simulations.	100		
Dr. Carol Giesecke, Delaware State University. Project liaison to Sussex, DE project site, working with underserved populations, also leads the Farm-to-School project component and provides linkages to 4-H collaborators. Also a member of the Family and Youth eXtension Community of Practice	20	20	60

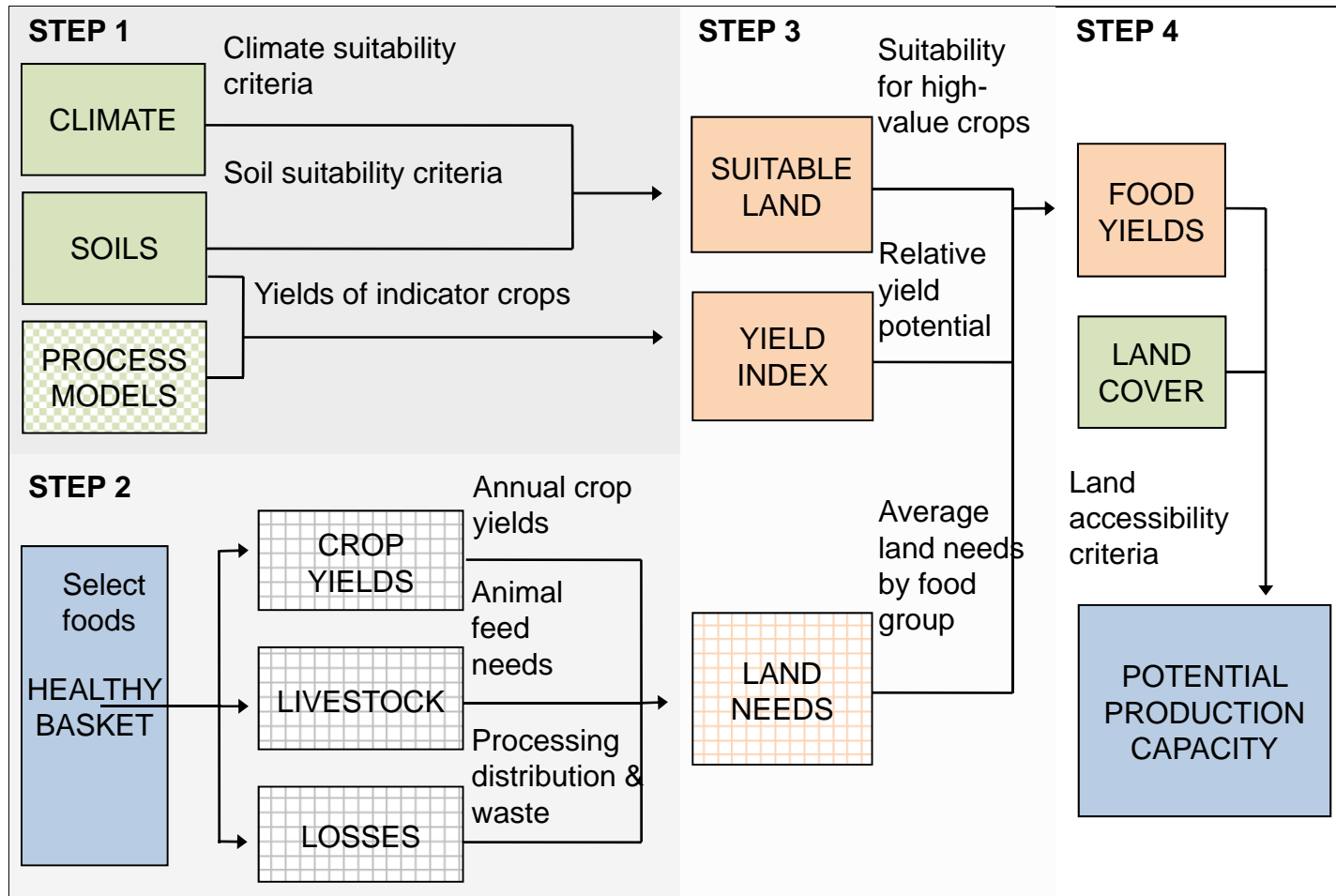
# Collaborating Investigators (part 2)

Roles of the Collaborators (Sub-Contractors)/Co-Principal Investigators			
Dr. Stephan Goetz ( <b>PD</b> ), Professor of Agricultural and Regional Economics and Director, the Northeast Regional Center for Rural Development; responsible for overall project management and coordination of all project activities. Will also work on modeling of food store infrastructure and assist in organizing the eXtension Community of Practice.	33	33	33
Dr. Miguel Gomez responsible for value chain modeling linking production and consumption components and liaison to Syracuse project site; leads project <b>objective 2</b>	60		40
Dr. Timothy Griffin, Director – Agriculture, Food and Environment Program, Tufts University, production capacity modeling, and food systems infrastructure analysis; also consults on crops and soils status of counties; co-leads project <b>objectives 3 &amp; 5</b>	60	40	
Dr. Clare Hinrichs, Associate Professor of Rural Sociology; responsible for qualitative studies of underserved communities, including anthropological investigations and will supervise the survey analysis at the various project sites; she will also serve as project liaison to the Philadelphia stakeholders. Co-leader with Griffin of educational/curriculum development components. Also key point of contact for undergraduate and graduate student internships and service learning experiences	60	40	
Dr. Robert Larkin, Research Leader and Supervisory Soil Scientist, USDA-ARS New England Plant, Soil & Water Laboratory, Orono, ME; responsible for GIS-modeling of biophysical constraints; supervisor of post-doc	100		
Anne Palmer, Program Director, Eating for the Future, John Hopkins Bloomberg School of Public Health; questionnaire design and implementation (consumer intercept and store-level, as well as institutional purchasers); principal project liaison to Baltimore City Taskforce; leads project <b>objective 1</b>	30	40	30
Dr. Christian Peters, Assistant Professor, Tufts University; has expertise in foodshed modeling and will work on the food production capacity objective and mentor one graduate student in development of capacity methodology; co-leads project <b>objectives 5 &amp; 3</b>	80		20
Kathryn Ruhf, coordinator of the Northeast Sustainable Agriculture Working Group (NESAWG); responsible for conceptualizing value chains development strategies and designing and implementing curriculum materials as well as co-leader for the eXtension Community of Practice; leads project <b>objective 4</b>		20	80

# Project objectives

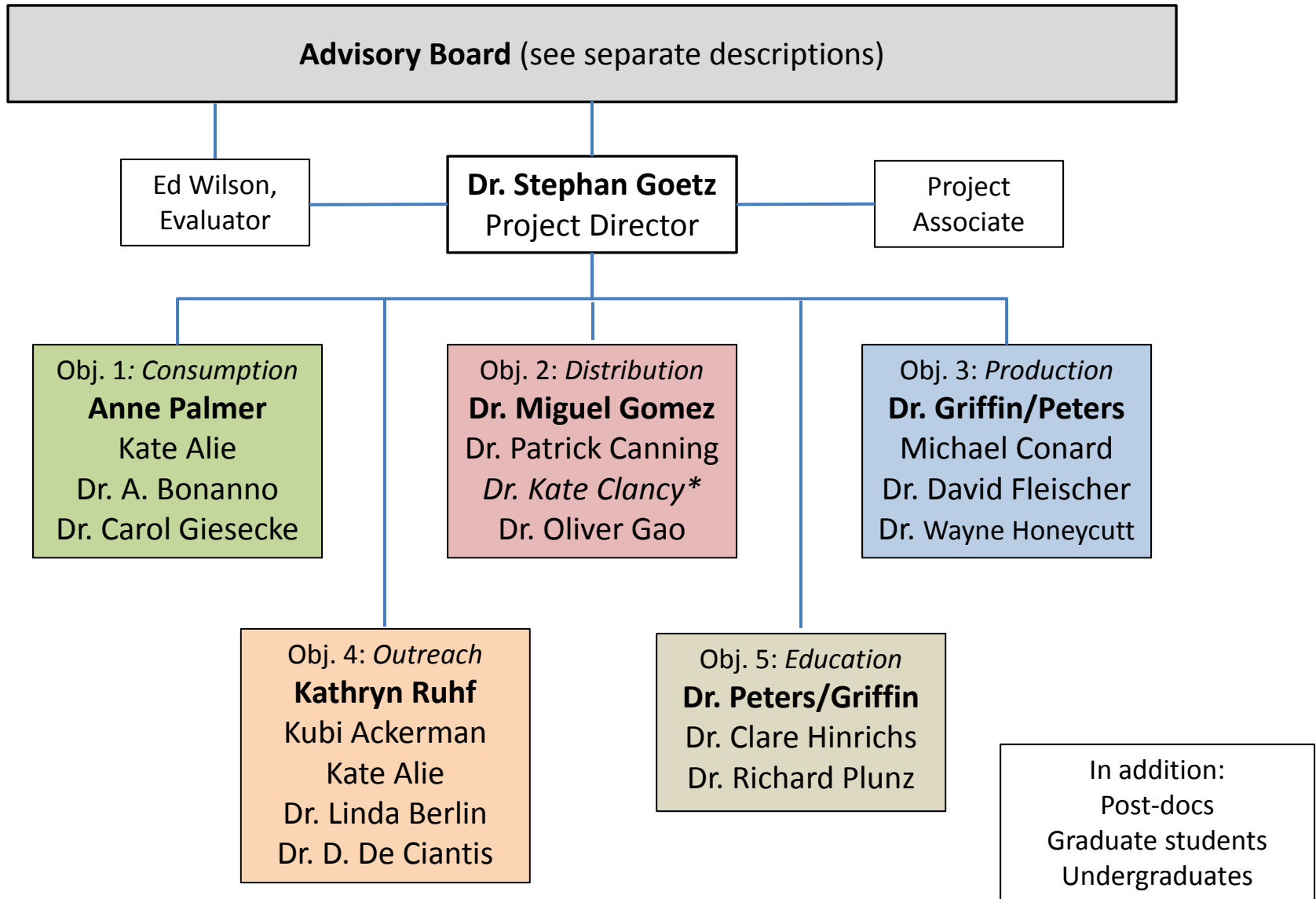
- **Objective 1. *Consumption*:** Assess current and potential community-level constraints and opportunities for improving access to regionally produced healthy food for people in disadvantaged communities.
- **Objective 2. *Distribution*:** Identify and assess best food supply chain practices for underserved areas of the Northeast, compare site-specific, regional and global chains, and identify policy interventions.
- **Objective 3. *Production*:** Quantify the current and potential capacity of the urban and rural Northeast to produce food that meets consumer needs.
- **Objective 4. *Extension/Outreach*:** Disseminate knowledge and research insights generated to engage policy-makers, producers, distributors, consumers and other stakeholders.
- **Objective 5. *Education*:** Prepare students with diverse skills needed to develop sustainable foods systems.

# Modeling Production Capacity



Source: Griffin et al. 2010

# Organizational Chart for the Northeast AFRI-GFS Project



Note: The leader for each objective is shown in boldface; most co-PIs work on multiple objectives.

\*Dr. Clancy will help with coordination across the five objectives.

# Advisory Board Members

David Marvel, President  
Fruit and Vegetable Growers Association of DE  
16483 County Seat Highway  
Georgetown, DE 19947  
[dmarvel@bwwonline.net](mailto:dmarvel@bwwonline.net)

Joyce Smith  
Operation Reachout Southwest  
26 North Fulton Ave.  
Baltimore, MD 21223  
410-362-3239

Toni Liquori  
School Food FOCUS  
c/o Public Health Solutions  
220 Church Street, 5<sup>th</sup> Floor  
NY, NY 10013  
646-619-6728  
[tliquori@gmail.com](mailto:tliquori@gmail.com)

Robert P. King  
College of Food, AGNR  
231 Classroom Office Bldg.  
10994 Buford Ave.  
St. Paul, MN 55108  
612-625-1222  
[rking@umn.edu](mailto:rking@umn.edu)

Paul Driscoll, Commissioner  
Department of Neighborhood and  
Business Development  
312 City Hall  
Syracuse, NY 13202  
315-448-8100