

## **Prospective Participants for Proposed Multistate Hatch Project**

### *Core Team*

Dr. Suining He and Dr. Dongjin Song, assistant professors in the Department of Computer Science and Engineering at the University of Connecticut. Dr. He's critical research experience in smart cities, urban computing, and mobile computing, particularly large-scale urban mobility data analytics, intelligent location-based services (LBS), and mobile system and user interface (UI) development (He et al., 2016b) will be employed in the development of the cyberinfrastructure. Dr. Song has expertise in machine learning, deep learning, and related applications for time series data analysis and graph representation learning. They will do the majority of the data cleaning and manipulation to create datasets that can be used by researchers in other disciplines.

Dr. Cristina Connolly, assistant professor in the Department of Agricultural and Resource Economics at the University of Connecticut. Dr. Connolly brings her expertise on local and regional food systems and food economics to this project. She also holds a partial Extension appointment, where she applies economic theory to stakeholder-identified research questions, including agricultural direct marketing and farm to institution channels.

Dr. Sandro Steinbach, assistant professor in the Department of Agricultural and Resource Economics at the University of Connecticut. Dr. Steinbach conducts research at the intersection of applied economics and data science, providing a multidisciplinary focus on business activities, health, and the environment. He has comprehensive experience in using frontier statistical methods for policy and impact evaluation, and unique expertise in handling big microdata, which is at the core of the research skills required for this project.

Dr. Debarchana Ghosh, associate professor in the Department of Geography at the University of Connecticut. Dr. Ghosh, a trained health geographer, contributes her experience on the reciprocal relationship between 'place' and 'health', where place is a multidimensional unit, connecting people (vulnerable populations), things (facilitators and barriers), and the environment. Central to this is her diverse yet complementary skill set, including geospatial analysis via Geographic Information System (GIS), spatial statistics, social network analysis (SNA), applications of mobile technology, and more recently, community-based participatory research techniques (participatory GIS or PGIS).

Dr. Tao Lu, assistant professor in the Department of Operations and Information Management at the University of Connecticut. Dr. Lu focuses his research activities on supply chain management, operations in the sharing economy, transport logistics, and socially responsible operations. His

research addresses the management of transportation service providers for shipping perishable food and agricultural products.

*Other Interested Participants*

Dr. Xiru Zhang, assistant professor in the Computer Science Department at Brandeis University.

Dr. Caitlin Caspi, associate professor in the Department of Allied Health Sciences and Director of Food Security Initiatives at the Rudd Center for Food Policy and Obesity.

Dr. Emil Coman, research associate in the Health Disparities Institute University of Connecticut Health Center.

Dr. Song Han, associate professor in Engineering Innovation in the Department of Computer Science and Engineering at the University of Connecticut.

Dr. Rigoberto Lopez, professor in the Department of Agricultural and Resource Economics at the University of Connecticut.

Dr. Bowen Lou, assistant professor of Operations and Information Management at the School of Business of the University of Connecticut.

Dr. Bing Wang, professor in the Department of Computer Science and Engineering at the University of Connecticut

Dr. Stephan Goetz, Director of the Northeast Center Regional Center for Rural Development at the Pennsylvania State University.

Dr. Steven Yu-Ping Wu, associate Professor in the Department of Agricultural Economics at Purdue University.

Dr. Lauren Chenarides, assistant professor at the Morrison School of Agribusiness in the W. P. Carey School of Business at Arizona State University.

Dr. Richard Volpe, associate professor in the Agribusiness Department at the California Polytechnic State University.