Data Linkage Day

October 18, 2019

Agenda

Time	Event
1:00 - 1:45 PM	**Poster Session Opens** - *Great Hall*
1:45 - 2:00 PM	**Plenary Session** - *Auditorium* Welcome and Introductions - Robert Groves, CNSTAT Chair Current Key Initiatives in the Federal Statistical System - Nancy Potok, *Office of Management and Budget*
2:00 - 3:00 PM	**2019 Links Lecture** Introduction: Arthur Kennickell, Stone Center, CUNY Graduate Center Linking Data to Improve Income Statistics: Bruce Meyer, University of Chicago Connector Remarks: Mary Bohman, Bureau of Economic Analysis
3:00 - 4:00 PM	**Data Linkage Lightning Presentations** Introduction: Brian Harris-Kojetin, CNSTAT Director
4:00 - 5:30 PM	**Poster Session Resumes** - *Great Hall* Light Refreshments
5:30 PM	**Adjourn**

Lightning Presentations

- **Andrea Carlson**
  USDA, Economic Research Service
  Importing Nutrients into Scanner Data and Estimating Prices for Foods in the National Health and Nutrition Examination Survey: The Purchase to Plate Crosswalk and Food Price Tool

- **John Voorheis**
  U.S. Census Bureau
  The Promises and Challenges of Linked Rent Data from the Consumer Expenditure Survey and Housing and Urban Development

- **Emily Wiegand**
  Chapin Hall at The University of Chicago
  Complexities and Practical Solutions for Linking Human Services Datasets

- **Lisa Mirel**
  Centers for Disease Control and Prevention, National Center for Health Statistics
  Comparative Analysis of the NHANES Public-Use and Restricted-Use Linked Mortality Files

- **Mark Motivans**
  U.S. Bureau of Justice Statistics
  Using Linked Data from the Federal Justice Statistics Program

- **Amy Burke**
  National Science Foundation
  Estimating Stay Rates of Foreign-Born Science and Engineering Doctorate Holders by Using Data from the National Center for Science and Engineering Statistics and the Social Security Administration: 1995 to Present Day

- **Daniel Flynn**
  U.S. Department of Transportation
  Linking crowdsourced and traditional traffic incident data to estimate roadway crash counts

- **Emanuel Ben-David**
  U.S. Census Bureau
  Regression with Linked Data Files

Posters

Kendra Asher, U.S. Bureau of Labor Statistics
Improving Census to NAICS Industry Matches

Emanuel Ben-David, U.S. Census Bureau
Regression with Linked Data Files

Paul Bernhard, VA, Veterans Health Administration
Geocoding Veteran Addresses to Get Distance to Nearest VA Health Facility

Matthew Bouch, U.S. Census Bureau
Data Linkage with SK-Learn

Amy Burke, National Science Foundation
Estimating Stay Rates of Foreign-Born Science and Engineering Doctorate Holders by Using Data from the National Center for Science and Engineering Statistics and the Social Security Administration: 1995 to Present Day

Scott Campbell, National Opinion Research Center at University of Chicago
Overcoming Big Data: Linking the 2014 National Hospital Care Survey to the 2014/2015 Medicare CMS Master Beneficiary Summary File

Andrea Carlson, USDA, Economic Research Service
Importing Nutrients into Scanner Data and Estimating Prices for Foods in the National Health and Nutrition Examination Survey: The Purchase to Plate Crosswalk and Food Price Tool

Matthew Chambers, U.S. Department of Transportation
The Bureau of Transportation Statistics Links Data to Measure Port Performance

MoonJung Cho, U.S. Bureau of Labor Statistics
Practical Diagnostic Tools for Data Linkage Methods

Suad El Burai Félix, CDC, National Center for Health Statistics
Comparative Analysis of the NHANES Public-Use and Restricted-Use Linked Mortality Files

Keith Finlay, U.S. Census Bureau
Criminal Justice Administrative Records System (CJARS)

Daniel Flynn, U.S. Department of Transportation
Linking Crowdsourced and Traditional Traffic Incident Data to Estimate Roadway Crash Counts

Liana Fox, U.S. Census Bureau
Correcting for SNAP Underreporting: Using Administrative Records to Develop a Model for Improving Reported SNAP Receipt in the CPS ASEC

Tracy Hunt-White, U.S. Department of Education
Using Administrative Data to Improve Coverage of Veterans in NCES Postsecondary Sample Surveys

Kenneth Jones, VA, Veterans Health Administration Office of Health Equity
Equity-Guided Improvement Strategy to Reduce and Eliminate Veteran Health Disparities

Jin Kim, VA, National Center of Veterans Analysis and Statistics
Veteran Population Model

Jianzhu Li, Westat
Use of Probabilistic Record-Linkage to Measure Re-Identification Risk

Pheak Lim, VA, National Center of Veterans Analysis and Statistics
United States Eligibility Trends and Statistics (USVETS) Database

Ricardo Limes, U.S. Bureau of Economic Analysis
BEA and BLS Blend Data to Gain New Insights about Foreign Direct Investment in the U.S.

Lowell Mason, U.S. Bureau of Labor Statistics
Record Linkage Applied to Inter-Agency Databases

Kate McNamara, U.S. Census Bureau
Census Bureau Evidence Building Projects

Mark Motivans, U.S. Bureau of Justice Statistics
Using Linked Data from the Federal Justice Statistics Program

Gail Mulligan, U.S. Department of Education
Developing From Within: Using NCES Administrative Data to Build NCES School Sampling Frames and Study Data Files

Jennifer Ortman, U.S. Census Bureau
Big Survey Meets Big Data: Implementing Administrative Records on the American Community Survey

Elina Page, USDA, Economic Research Service
Leveraging Extant Data in the National Household Food Acquisition and Purchase Survey (FoodAPS)

Anne Parker, Internal Revenue Service
Using Machine Learning Approaches to Improve Industry Coding in the IRS Master File

David Popko, U.S. Bureau of Labor Statistics
Does Location Matter? A Case-Study of the Influence of Geography in Measurement of Gasoline Price Inflation

Edward Porter, U.S. Census Bureau
False Duplicates in the Census: A Novel Approach to Identifying False Matches from Record Linkage Software

Julia Redmon, U.S. Department of Education (contractor AEM Corporation)
Common Core of Data (CCD): Linking the Public District and School Universe to Other Data Sources

Jonathan Rothbaum, U.S. Census Bureau
Administrative Income Statistics Project: Using Linked Data to Improve Income Statistics

Erik Scherpf, USDA, Economic Research Service
The Implications of Misreporting for Longitudinal Studies of SNAP

David Shoffner, Social Security Administration
MINT (Modeling Income in the Near Term)

Merianne Spencer, CDC, National Center for Health Statistics
Opioid-Involved Emergency Department Visits, Hospitalizations, and Deaths: Analysis of Linked Data from the National Center for Health Statistics

Zaria Tatalovich-Wenzel, National Cancer Institute
Linkage Initiatives in the Surveillance Research Program of the National Cancer Institute

John Voorheis, U.S. Census Bureau
The Promises and Challenges of Linked Rent Data from the Consumer Expenditure Survey and Housing and Urban Development

Scott Wentland, U.S. Bureau of Economic Analysis
Accounting for Land in the United States: Integrating Physical Land Cover, Land Use, and Monetary Valuation

Karen White, National Science Foundation
Demographic Differences in the Publication Output of U.S. Doctorate Recipients

Emily Wiegand, Chapin Hall at the University of Chicago
Complexities and Practical Solutions for Linking Human Services Datasets

Derek Wu, U.S. Census Bureau
Poverty in the United States Using the Comprehensive Income Dataset

Angela Wyse, U.S. Census Bureau
Learning about Homelessness in the U.S. Using Linked Survey and Administrative Data

Cindy Zhang, CDC, National Center for Health Statistics
Mortality Experience of the 2001-2014 National Health Interview Survey Linked Mortality Files Participants

Xiaoshu Zhu, Westat
An Application of the Record Linkage Macro WesLink to Identify Duplicates Within and Across Multiple Sampling Frames