

Data Linkage Day

October 18, 2019



Agenda

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, <i>Office of Management and Budget</i>
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