

— January 24, 2018 —

## PEOPLE *News*

We congratulate **Michael (Mike) Hout**, professor of sociology at New York University, on his election as the **David Riesman fellow** of the **American Academy of Political and Social Science (AAPSS)**. He and other newly elected fellows will be honored at the AAPSS annual gala dinner, May 17, 2018. According to AAPSS, fellows are elected in recognition of their contributions to advancement of the social sciences. Each fellowship is named after a distinguished scholar or civic leader who has contributed to *The ANNALS* of the AAPSS (David Riesman is famous for *The Lonely Crowd*, published in 1950 and co-authored with Nathan Glazer and Reuel Denney). Fellows include sociologists, political scientists, psychologists and economists, as well as scholars and practitioners in communications, education, government and public policy. Mike is a member of the National Academy of Sciences, chairs the Division of Behavioral and Social Sciences and Education (DBASSE) advisory committee, which advises CNSTAT's parent unit in the National Academies, and served on CNSTAT from 2010–2016. He was a member of the CNSTAT panel that produced *Improving Measurement of Productivity in Higher Education* in 2012 and chaired the CNSTAT Standing Committee on Creating the American Opportunity Study. Mike's research contributions to sociology include using demographic methods to study social change in inequality, religion, and politics and using the General Social Survey (GSS) to estimate the social standing of occupations introduced into the census classification since 1990 and to study Americans' changing perceptions of class, religion, and happiness.

We congratulate **Constance F. Citro** (CNSTAT senior scholar and former director), **Robert M. Groves** (Georgetown University provost and former Census Bureau director), and **Fritz Scheuren** (NORC senior fellow and former IRS/SOI director), who were honored by the **American Statistical Association (ASA)** with the creation of the **Links Lecture Award**, announced on January 17, 2018. The award is the brainchild of Arthur Kennickell, who retired in January 2017 after 33 years with the Federal Reserve Board and is internationally known as the driving force behind the Survey of Consumer Finances as the leading U.S. survey of household income and wealth. Arthur secured the blessing of the ASA board with support from Ron Wasserstein, ASA executive director; Brian Harris-Kojetin, CNSTAT director; Barry Johnson, IRS Statistics of Income Division (IRS/SOI) director; and John Thompson, COPAFS executive director and former Census Bureau director. The award is intended to contribute to advancement of work in official statistics through the statistical use of administrative records and alternative data sources, record linkage, statistical methods for creating blended estimates, and issues associated with these activities such as privacy, confidentiality, researcher access, and reproducibility of results. The award honors Connie, Bob, and Fritz for their contributions in these areas—see, e.g., [Citro](#) (2014); [Groves](#) (2011); [Scheuren](#) (2007, with Tom Herzog and Bill Winkler). Each year, a lecturer will be chosen from among nominated candidates to receive the award and to present a lecture in the Washington, DC, area. Nominations are due May 1, 2018—see the information at the end of this newsletter.

We welcome **Linda Capuano** as the new **administrator** of the **Energy Information Administration (EIA)**—she was confirmed by the U.S. Senate on December 21, 2017, and took up her duties in January 2018. Following the departure of Adam Sieminski as EIA director at the beginning of the new

administration, then-deputy administrator Howard Gruenspecht served as acting administrator. Following Howard's departure in August 2017, John Conti was named deputy administrator and served as the acting administrator through December 2017.

Prior to her appointment as EIA administrator, Linda was a fellow in energy technology at the Baker Institute Center for Energy Studies and a faculty member of Rice University's Jones Graduate School of Business. She previously served as vice president of emerging technology at Marathon Oil Corp.; senior vice president of engineering design at Solectron Flextronics; executive vice president and chief technology officer at Advanced Energy Industries; vice president of technology strategy at Honeywell; general manager of wide body aircraft auxiliary product units at Honeywell AlliedSignal Aerospace; and manager in computer memory product development at IBM. She co-founded and served as chief financial officer of Conductus, a Silicon Valley start-up that commercialized ceramic superconductor technology discovered in the 1980s. Linda is a [National Associate](#) of the National Academy of Sciences and received the Technical Excellence Award from the Society of Women Engineers and the IBM Outstanding Achievement Award. She has a Ph.D. in materials science and engineering and an M.S. in engineering management from Stanford University; an M.S. in chemistry and a B.S. in chemical engineering from the University of Colorado at Boulder; and a B.S. in chemistry from the State University of New York at Stony Brook.

## PUBLICATION *News*

### RECENTLY RELEASED REPORTS (available as free PDFs)

***Measuring the 21<sup>st</sup> Century Science and Engineering Workforce Population: Evolving Needs***, the final report of a consensus panel under CNSTAT, co-chaired by Rita Colwell (University of Maryland and Johns Hopkins University) and James House (University of Michigan) and sponsored by the National Center for Science and Engineering Statistics (NCSES), was released in prepublication format, January 9, 2018. Free PDFs are available [here](#); printed copies will be available shortly.

NCSES, housed in the National Science Foundation, is one of the nation's principal statistical agencies, is charged to collect, acquire, analyze, report, and disseminate statistical data related to the science and engineering enterprise in the United States and other nations that is relevant and useful to practitioners, researchers, policymakers, and the public. NCSES data, based primarily on several flagship surveys, have become the major evidence base for American science and technology policy, and the agency is well respected globally for these data. This report assesses and provides guidance on NCSES's approach to measuring the science and engineering workforce population in the United States. It also proposes a framework for measuring the science and engineering workforce in the next decade and beyond, with flexibility to examine emerging issues related to this unique population while at the same time allowing for stability in the estimation of key trends.

***A Smarter National Surveillance System for Occupational Safety and Health in the 21st Century***, the final report of a consensus panel under the Board on Agriculture and Natural Resources, Committee on National Statistics, and Board on Health Sciences Policy, chaired by Edward Shortliffe (Arizona State University), was released in prepublication format, January 9, 2018. The report was sponsored by the National Institute of Occupational Safety and Health, Bureau of Labor Statistics, and Occupational Health and Safety Administration. Free PDFs are available [here](#), and printed copies will be available shortly.

The workplace is where 156 million adults in the United States spend many waking hours, and it has a profound influence on health and well-being. Although some occupations and work-related activities are more hazardous than others and face higher rates of injuries, illness, disease, and fatalities, workers in all occupations face some form of work-related safety and health concerns. Occupational safety and health (OSH) surveillance provides the data and analyses needed to understand the

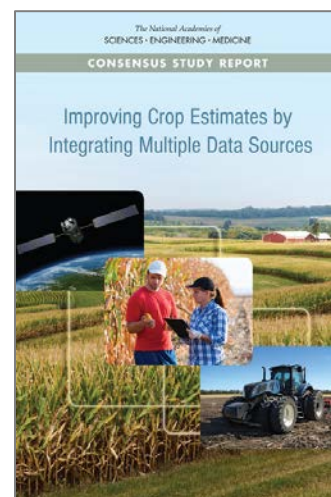
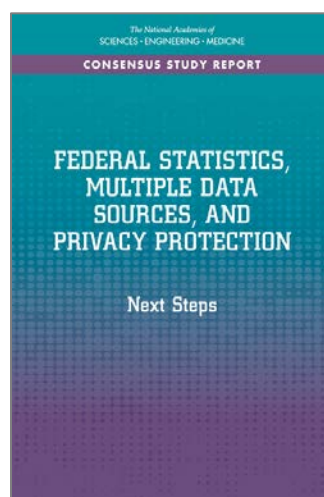
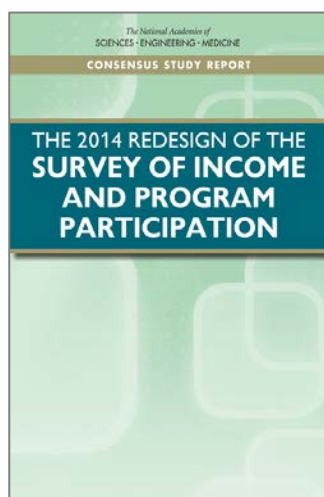
relationships between work and injuries and illnesses in order to improve worker safety and health and prevent work-related injuries and illnesses. Information about the circumstances in which workers are injured or made ill on the job and how these patterns change over time is essential to develop effective prevention programs and target future research. This report provides a comprehensive assessment of the state of OSH surveillance. It is intended to be useful to federal and state agencies that have an interest in occupational safety and health, but may also be of interest broadly to employers, labor unions and other worker advocacy organizations, the workers' compensation insurance industry, as well as state epidemiologists, academic researchers, and the broader public health community. The recommendations address both short- and long-term actions and strategies needed to bring about a progressive evolution of the current system.

#### RECENTLY RELEASED REPORTS NOW AVAILABLE IN PRINTED FORM

[The 2014 Redesign of the Survey of Income and Program Participation: An Assessment](#), released August 28, 2017

[Federal Statistics, Multiple Data Sources, and Privacy Protection: Next Steps](#), released October 2, 2017

[Improving Crop Estimates by Integrating Multiple Data Sources](#), released October 11, 2017



**Reminder:** PDF versions of CNSTAT and National Academies reports are available for free download at *The National Academies Press* website, <http://www.nap.edu>. The download site asks for your e-mail and a password. If you don't have an NAP account and don't want to have one, then provide your e-mail and click "I don't have an account;" on the next page click "accept NAP policies" and "log in as guest".

**Reminder:** Slides from previous CNSTAT public seminars are available on the CNSTAT [public seminars and symposia](#) page. Presentations from the October 2017 CNSTAT meeting public seminar, "New Directions for Federal Statistics," are available [here](#).

Slides from several major workshops are available on the [presentations](#) page on the CNSTAT website. This page also includes a section on "[Multiple Data Sources Presentations](#)," which links to presentations from workshops and meetings for CNSTAT's [Panel on Improving Federal Statistics for Policy and Social Science Research Using Multiple Data Sources and State-of-the-Art Estimation Methods](#).

## EVENT & OTHER *News*

It is not too late to [register](#) for the **2018 Federal Committee on Statistical Methodology (FCSM) Research and Policy Conference**, taking place on March 7-9, 2018, at the Walter E. Washington Convention Center in Washington, DC. Early Bird registration rates ended on December 31, 2017. Standard registration rates of \$215.00 began on January 1, 2018. The preliminary program is available [here](#). Organized by the Council of Professional Associations on Federal Statistics (COPAFS) working with and on behalf of the FCSM, this conference is a must for the federal statistical community.

We call your attention to the **Request for Information (RFI)**, issued by the **U.S. Office of Management and Budget** in the January 12, 2018, *Federal Register*. Responses to the RFI are due March 12, 2018. The link to the RFI is below and contains more detail, but in summary:

"The Chief Statistician of the United States and the Statistical and Science Policy Branch (SSP) in the U.S. Office of Management and Budget (OMB) seek to establish priorities and coordinate research efforts across the Federal Statistical System to focus on improving federal statistics. In particular, a priority has been placed on using new techniques and methodologies based on combining data from multiple sources. To support this effort, information is requested on: (1) Current and emerging techniques for linking and analyzing combined data; (2) on-going research on methods to describe the quality of statistical products that result from these techniques; (3) computational frameworks and systems for conducting such work; (4) privacy or confidentiality issues that may arise from combining such data; and (5) suggestions for additional research in those or related areas."

Federal Register Link:

<https://www.federalregister.gov/documents/2018/01/12/2018-00400/request-for-information>

## CNSTAT *Meetings*

CNSTAT holds three regular meetings each year, with its spring and fall meeting dates following a set formula; our May meetings are always the Thursday–Friday preceding Mother’s Day and our October meetings are always the second-to-last Thursday–Friday of the month. Here are the next three meetings:

**CNSTAT’s 135<sup>th</sup> meeting** will be held **February 9-10, 2018**, at the **National Academies Beckman Center** in Irvine, CA. It will be in retreat format; it will not have a public seminar or agency head luncheon.

**CNSTAT’s 136<sup>th</sup> meeting** will be held **May 10-11, 2018**, at the **National Academy of Sciences Building** at 2101 Constitution Avenue NW, Washington, DC. On the **11<sup>th</sup>**, the meeting will feature a luncheon with statistical agency heads (members of the Interagency Council on Statistical Policy, ICSP), followed by a **“Big Data Day”** featuring posters and demos, beginning with a plenary panel at 1:30 pm and ending with a reception at 5:00 pm. Stayed tuned for more information. We hope to see you there.

**CNSTAT’s 137<sup>th</sup> meeting** will be held **October 18-19, 2018**, at the **National Academy of Sciences Building** at 2101 Constitution Avenue NW, Washington, DC. On the **19<sup>th</sup>**, the meeting will feature a luncheon with statistical agency heads (members of the ICSP), followed by a public seminar, beginning with light refreshments at 1:30 pm and ending with a reception at 4:30 pm.

# *Active* PANELS & WORKSHOPS

*[Listed by sponsor agency, beginning with federal departments. Unless otherwise noted, meetings are in Washington, DC, and include open sessions. For further information, contact the person listed as the study director or project assistant (e-mail addresses follow the formula of first initial plus last name as in oneword@nas.edu). Also see the CNSTAT [web site](#) under “Our Work.”]*

## Department of Agriculture

### **Improving Consumer Data for Food and Nutrition Policy Research for the Economic Research Service, USDA**

Sponsor: Economic Research Service

Duration: October 2017–December 2019

Study director: Christopher Mackie; senior program officer: Nancy Kirkendall; project assistant: Anthony Mann

Chair: TBD

Publication planned: Final report

Upcoming meetings: TBD

### **Panel on Methods for Integrating Multiple Data Sources to Improve Crop Estimates**

Sponsor: National Agricultural Statistics Service

Duration: September 2014–March 2018

Study director: Nancy Kirkendall; senior program officer: Glenn White; project assistant: Anthony Mann

Chair: Mary Ellen Bock (Purdue University)

Publication: Final report, [Improving Crop Estimates by Integrating Multiple Data Sources](#), was released in prepublication format on October 11, 2017, and is now available in printed form

Meetings: Fifth and final in-person meeting (closed) held May 30-31, 2017, in Irvine, CA

### **Panel on Improving Data Collection and Reporting about Agriculture with Increasingly Complex Farm Business Structures**

Sponsor: National Agricultural Statistics Service and Economic Research Service

Duration: September 2015–September 2018

Study director: Christopher Mackie; project assistant: Michael Siri

Chair: Catherine Kling (Iowa State University)

Publication planned: Final report is being drafted

Upcoming meetings: Sixth meeting (closed) scheduled for March 26-27, 2018, at NORC in Chicago, IL

### **Workshop on Model-Based Methods for Producing Estimates of Livestock with Appropriate Measures of Uncertainty**

Sponsor: National Agricultural Statistics Service

Duration: September 2015–September 2019

Study director: Nancy Kirkendall

Chair: TBD

Publication planned: Workshop proceedings

Upcoming meetings: TBD

## Department of Commerce

### **Panel to Reengineer the Census Bureau’s Annual Economic Surveys**

Sponsor: U.S. Census Bureau

Duration: May 2015–May 2018

Study director: Glenn White; senior scholar: Constance Citro; senior program officer: Nancy Kirkendall;  
project assistant: Anthony Mann  
Chair: Katharine Abraham (University of Maryland)  
Publication planned: Final report is in response to review  
Meetings: Sixth and final in-person meeting held June 8-9, 2017, in Washington, DC

**Workshop on the Census Bureau's 2018 End-to-End Test and Concept of Operations for Reengineering the 2020 Census** [postponed]

Sponsor: U.S. Census Bureau  
Duration: October 2017 – September 2018  
Study director: Daniel Cork; senior program officer: Michael Cohen; program officer: Jordyn White;  
project assistant: Anthony Mann  
Chair-designate: Joseph Salvo (NYC Department of City Planning)  
Publication planned: Workshop proceedings  
Upcoming meeting: Workshop TBD

**Standing Committee on Reengineering Census Operations**

Sponsor: U.S. Census Bureau  
Duration: September 2014–September 2019  
Study director: Daniel Cork; senior program officer: Michael Cohen; program officer: Jordyn White;  
project assistant: Anthony Mann  
Chair: Thomas Cook (Decision Analytics International)  
Publications: Standing committees do not issue reports; they meet for discussion; they also identify topics for separate workshops or consensus panels; this committee has facilitated a consensus panel on reengineering the Census Bureau's annual economic surveys (see above) and may spin off workshops on central topics for 2020 census planning (see below). A [website](#) is maintained for the committee.  
Upcoming meetings: TBD

## **Department of Education**

**Committee on Developing Indicators of Educational Equity** (see listing under “The Atlantic Philanthropies et al.” below)

## **Department of Health and Human Services**

**Committee on Building an Agenda to Reduce the Number of Children in Poverty by Half in 10 Years** (joint with the Board on Children, Youth, and Families, which has the lead)

Sponsors: Office of the Assistant Secretary for Planning and Evaluation; Doris Duke Charitable Foundation; Foundation for Child Development  
Duration: October 2016–April 2019  
Study director: Suzanne Le Menestrel (BCYF); senior program officer: Christopher Mackie; associate program officer: Rebekah Hutton (BCYF); project assistant: Pamella Atayi (BCYF)  
Chair: Greg Duncan (UC Irvine)  
Publication planned: Final report is being drafted  
Upcoming meetings: Fifth meeting (closed) scheduled for February 1-2, 2018, in Washington, DC

**Workshop on Improving Health Research on Small Subpopulations** (joint with the Health and Medicine Division)

Sponsors: National Cancer Institute (NCI), National Institute on Minority Health and Disparities (NIMHD), and Office of Behavioral and Social Sciences Research (OBSSR) of the National Institutes of Health and the Robert Wood Johnson Foundation

Duration: March 2017–July 2018

Study director: Nancy Kirkendall; program officer: Jordyn White; project assistant: Anthony Mann

Chair: Graham Colditz (Washington University, St. Louis)

Publication planned: Workshop proceedings is being drafted

Meetings: Workshop held January 18-19, 2018, in Washington, DC. The agenda is available [here](#).

## **Department of Justice**

**Panel on Modernizing the Nation's Crime Statistics** (joint with the Committee on Law and Justice)

Sponsor: Bureau of Justice Statistics and Federal Bureau of Investigation

Duration: September 2013–March 2018

Study director: Daniel Cork; program officer: Jordyn White; project assistant: Michael Siri

Chair: Janet Lauritsen (University of Missouri–St. Louis)

Publications planned: First report, *Modernizing Crime Statistics—Report 1: Defining and Classifying Crime*, was released in prepublication format, May 16, 2016—printed copies and free [PDFs](#) are available; second report is in response to review

Meetings: Final in-person meeting held January 13-14, 2017, in Coral Gables, FL

## **Department of Transportation**

**Standing Committee for Improving Motor Carrier Safety Measurement** (joint with the Transportation Research Board)

Sponsor: Federal Motor Carrier Safety Administration

Duration: October 2017–September 2020

Study director: Michael Cohen; TRB Studies and Special Programs Division director: Tom Menzies; project assistant: Michael Siri

Co-chairs: Joel Greenhouse (Carnegie Mellon) and Sharon Lise-Normand (Harvard Medical School)

Publications: Standing committees do not issue reports; they meet for discussion; they also identify topics for separate workshops or consensus panels.

Upcoming meetings: The standing committee is initially meeting by teleconference.

## **National Science Foundation**

**Committee on Reproducibility and Replicability in Science** (led by the Board on Behavioral, Cognitive, and Sensory Sciences, with the Board on Mathematical Sciences and Analytics, CNSTAT, and the Division of Earth and Life Sciences)

Sponsor: NSF director's office (congressionally mandated)

Duration: August 2017 – March 2019

Study director: Jennifer Heimberg (DELS); board director: Michelle Schwalbe (BMSA); senior program officer: Adrienne Stith Butler (BBCSS); senior program officer: Michael Cohen (CNSTAT)

Chair: Harvey Fineberg (Gordon and Betty Moore Foundation)

Publication planned: Final report

Upcoming meetings: Second meeting scheduled for February 22-23, 2018, in Washington, DC

**Panel to Evaluate the National Center for Science and Engineering Statistics Approach to Measuring the Science and Engineering Workforce**

Sponsor: National Center for Science and Engineering Statistics

Duration: September 2015–March 2018

Study director: Krisztina Marton; project assistant: Anthony Mann

Co-chairs: Rita Colwell (University of Maryland and Johns Hopkins University) and James House (University of Michigan)

Publication: Final report, *Measuring the 21<sup>st</sup> Century Science and Engineering Workforce Population: Evolving Needs*, released in prepublication format, January 9, 2018. Free PDFs are available [here](#); printed copies will be available shortly.

Meetings: Sixth and final meeting held July 6-7, 2017, in Washington, DC

#### **Workshop on Transparency and Reproducibility in Federal Statistics**

Sponsor: National Science Foundation

Duration: March 2016–March 2018

Study director: Michael Cohen; senior program officer: Hermann Habermann; project assistant: Michael Siri

Chair: William Eddy (Carnegie Mellon University)

Publication planned: Workshop proceedings report is being drafted

Meeting: Workshop held June 21-22, 2017, in Washington, DC

#### **The American Educational Research Association, the Atlantic Philanthropies, the Ford Foundation, the Spencer Foundation, the U.S. Department of Education, the W.K. Kellogg Foundation, and the W.T. Grant Foundation**

#### **Committee on Developing Indicators of Educational Equity**

Sponsors: See above list

Duration: December 2016–December 2018

Study director: Judith Koenig; senior scholar: Constance Citro; senior program officer: Jordyn White; project assistant: Kelly Arrington

Co-chairs: Christopher Edley, Jr. (The Opportunity Institute, Berkeley, CA); Lorraine McDonnell (UC Santa Barbara)

Publication planned: Final report is being drafted

Upcoming meetings: Third meeting (closed) scheduled for January 29-30, 2018, in Irvine, CA

• **CONTACT INFORMATION for CNSTAT** •

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– See our website for previous issues of *News from CNSTAT*, under “CNSTAT News” –

The Committee on National Statistics was established in 1972 at the National Academies of Sciences, Engineering, and Medicine to improve the statistical methods and information on which public policy decisions are based. The committee carries out studies, workshops, and other activities to foster better measures and fuller understanding of the economy, the environment, public health, crime, education, immigration, poverty, welfare, and other public policy issues. It also evaluates ongoing statistical programs and tracks the statistical policy and coordinating activities of the federal government, serving a unique role at the intersection of statistics and public policy. The committee's work is supported by a consortium of federal agencies through a National Science Foundation grant, a National Agricultural Statistics Service cooperative agreement, and several individual agreements.

# ASA Links Lecture Award

*First award to be given in 2018.*

## About the Award

The Links Lecture Award was created to honor the contributions of Constance Citro, Robert Groves, and Fritz Scheuren and to contribute to advancement of work in official statistics through the statistical use of administrative records and alternative data sources, record linkage, statistical methods for creating blended estimates, and issues associated with these activities such as privacy, confidentiality, researcher access, and reproducibility of results. Each year, a lecturer will be chosen from among a set of nominated candidates to receive the award and to present a lecture. The award includes a modest honorarium and travel expenses to present the Links Lecture in the Washington, DC, area.

## Selection Criteria

The award will be given to the nominee whose work, in the judgment of the award committee, has most contributed to the advancement of official statistics through the following:

- Statistical use of administrative records and alternative data sources
- Record linkage
- Statistical methods for creating blended estimates
- Issues associated with the activities listed here such as privacy, confidentiality, researcher access, and reproducibility of results

## Nominations

Nominations are due by May 1. Nominators should submit—at minimum—a CV and two letters of support. The nomination should clearly document the ways in which the nominee meets the criteria for the award, emphasizing the impact of the nominee's work on official statistics. Email nominations to [awards@amstat.org](mailto:awards@amstat.org).

## Award Recipient Responsibilities

The award recipient will present a lecture in the Washington, DC, area about their work at a mutually agreed-upon time. The award recipient is responsible for providing a current photograph and general personal information the year the award is presented. The American Statistical Association uses this information to publicize the award and prepare the prize.

## Questions

Please contact the committee [chair](#), Arthur Kennickell.