

NSF Census Research Network – Cornell Node (<https://www.ncrn.cornell.edu>)

Integrated Research Support, Training and Data Documentation

Events and Activities

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 Tags ▾



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 **SEPTEMBER – OCTOBER 2017**

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7

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2017

(https://www.ncrn.cornell.edu/events-and-activities/action~agenda/page_offset~1/time_limit~1475294400/request_format~html/)

Session 2: History of the Federal Statistical Infrastructure

Sep 7 @ 16:25 – 18:00

Margo Anderson (<https://www.vrdc.cornell.edu/info747x/summary/guest-lecturers/>) (University of Wisconsin – Milwaukee) presents on the history of the federal statistical system (flipped classroom). She will be present to discuss the lecture.

Readings and other information

- Anderson, Margo. *The American Census: A Social History, Second Edition*. (<http://yalebooks.com/book/9780300195422/american-census>) Yale University Press, 2015.
- Anderson, Margo J., and Seltzer, William. "Federal Statistical Confidentiality and Business Data: Twentieth Century Challenges and Continuing Issues." *Journal of Privacy and Confidentiality* 1.1 (<http://repository.cmu.edu/jpc/vol1/iss1/2/>) (2009): 7-52, 55-58.

Lecture Notes

"Historical Perspectives on the U.S. Federal Statistical System (<http://hdl.handle.net/1813/45053>)"

About the Guest Lecturer

Margo Anderson, University of Wisconsin – Milwaukee



Margo Anderson is Distinguished Professor of History & Urban Studies at the University of Wisconsin – Milwaukee. She specializes in American social, urban and women's history and has research interests in both urban history and the history of the social sciences and the development of statistical data systems, particularly the census. Her publications include *Who Counts? The Politics of Census Taking in Contemporary America* (2001), coauthored with Stephen E. Fienberg, and a coedited volume with Victor Greene, *Perspectives on Milwaukee's Past* (University of Illinois Press, 2009). Her most recent publication, of particular relevance to this class, is *The American Census: A Social History*, Second Edition. (<http://yalepress.yale.edu/yupbooks/book.asp?isbn=9780300195422>) Yale University Press, 2015. More information about Margo can be found at her University of Wisconsin-Milwaukee website (<https://uwm.edu/history/people/anderson-margo/>) and her personal website (<http://margoanderson.org/>).

https://www.ncrn.cornell.edu/event/session-2-history-of-the-federal-statistical-infrastructure-2/?instance_id=104263

CATEGORIES: INFO7470 ([HTTPS://WWW.NCRN.CORNELL.EDU/EVENTS-AND-ACTIVITIES/CAT_IDS~90/](https://www.ncrn.cornell.edu/events-and-activities/cat_ids~90/))

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14

Thu

2017

(https://www.ncrn.cornell.edu/events-and-activities/action~oneday/exact_date~9-14-2017/)

Session 3: [No class] Universes, Populations, Frames, and Sampling

Sep 14 @ 16:25 – 16:30

This class coincides with FSRDC system's annual conference. There will be **no in-classroom activity** at most sites on this day (please check with local coordinator). The content of this section will be discussed on Sept 21, 2017 (./session-4/), so students should take the time to view the materials on edX ([/info747x/edx/](http://info747x/edx/)) during this week.

Lecture notes

- INFO7470-S3 PopulationsFramesSamples (<http://hdl.handle.net/1813/45024>)

https://www.ncrn.cornell.edu/event/session-3-universes-populations-frames-and-sampling-2/?instance_id=104264

CATEGORIES: INFO7470 ([HTTPS://WWW.NCRN.CORNELL.EDU/EVENTS-AND-ACTIVITIES/CAT_IDS~90/](https://www.ncrn.cornell.edu/events-and-activities/cat_ids~90/))

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21

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2017

(https://www.ncrn.cornell.edu/events-and-activities/action~oneday/exact_date~9-21-2017/)

Session 4: Measuring People and Households

Sep 21 @ 16:25 – 18:00

This lecture is a "flipped" lecture.

Discussion lead

Warren Brown, Cornell University

Warren A. Brown is Senior Research Associate at Cornell University where he directs the Program on Applied Demographics (<http://www.ciser.cornell.edu/NYCRDC/home.shtml>) and is the Research Director of the Cornell site of the New York Federal Statistical Research Data Center (<http://www.ciser.cornell.edu/NYCRDC/home.shtml>), a consortium of research institutions in the New York metropolitan area and upstate New York. He is also the 2015-2016 President of the

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Association of Public Data Users (APDU) (<http://apdu.org/>) and serving on the National Academy of Science's Standing Committee on Reengineering Census Operations. His teaching, research and outreach efforts involve him with the application of demographic information to areas such as strategic planning for workforce and economic development, consumer behavior and market analysis, households and housing market analysis, regional transportation planning, hospitality and recreation industries, health services for the elderly, and environmental protection. He is an expert on the American Community Survey.

Lecture Notes

- INFO7470-S4-Household Surveys (<http://hdl.handle.net/1813/45025>)

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Discussion Notes

- Also see National Research Council. 2013. '*Principles and Practices for a Federal Statistical Agency: Fifth Edition*'. (<https://www.nap.edu/catalog/18318/principles-and-practices-for-a-federal-statistical-agency-fifth-edition>)' Washington, DC: The National Academies Press. doi: 10.17226/18318 (<https://doi.org/10.17226/18318>).

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ore → (https://www.ncrn.cornell.edu/event/session-4-measuring-people-and-households-2/?instance_id=104239)

📁 **CATEGORIES:** INFO7470 ([HTTPS://WWW.NCRN.CORNELL.EDU/EVENTS-AND-ACTIVITIES/CAT_IDS~90/](https://www.ncrn.cornell.edu/events-and-activities/cat_ids~90/))

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28
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Session 5: Measuring Business and Economic Activity

Sep 28 @ 16:25 – 18:00

This lecture is a “flipped” lecture.

Lecture Notes

- INFO7470-S5 Economic Statistics (<http://hdl.handle.net/1813/45026>)
- Updates: INFO7470-S5 Updates (<http://hdl.handle.net/1813/45027>)

Lab

The lab will be posted on edX.

https://www.ncrn.cornell.edu/event/session-5-measuring-business-and-economic-activity-2/?instance_id=104269)

📁 **CATEGORIES:** INFO7470 ([HTTPS://WWW.NCRN.CORNELL.EDU/EVENTS-AND-ACTIVITIES/CAT_IDS~90/](https://www.ncrn.cornell.edu/events-and-activities/cat_ids~90/))

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(https://www.ncrn.cornell.edu/events-and-activities/action~oneday/exact_date~10-5-2017/)

Session 6: Measuring Jobs

Oct 5 @ 16:25 – 18:00

This lecture is a “flipped” lecture.

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Flipped Classroom

The recorded lectures on edX ([/info747x/edx/](http://info747x.edx/)) will be available to registered participants starting Feb 29, 2016.-->

Lab

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The lab will be posted on edX (/info747x/edx/).

Lecture Notes

- INFO7470-S6-JobStatistics – Part 1 (<http://hdl.handle.net/1813/45028>)
- INFO7470-S6-JobStatistics – Public-use QWI (<http://hdl.handle.net/1813/45029>)
- INFO7470-S6-JobStatistics – LEHD sources (<http://hdl.handle.net/1813/45030>)
- Updates: INFO7470-S6-JobStatistics – Updates (<http://hdl.handle.net/1813/45031>)



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Read more → (https://www.ncrn.cornell.edu/event/session-6-measuring-jobs-2/?instance_id=104266)

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OCT

12

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(https://www.ncrn.cornell.edu/events-and-activities/s/action~oneda/y/exact_date~10-12-2017/)

Session 7: Data from Other Statistical Agencies and Other Sources

Oct 12 @ 16:25 – 18:00

Health statistics, energy statistics, agricultural statistics, others. Registered-based statistics, organic data. Details to come.

Discussion leads

Erica Groshen, Cornell University, will take part in the discussion.



Erica L. Groshen is currently a visiting scholar at the ILR School of Cornell University. She is the former Commissioner of the U.S. Bureau of Labor Statistics (BLS), which is the principal federal statistical agency responsible for measuring U.S. labor market activity, working conditions and inflation. Her term ended on January 27, 2017. Previously, Groshen served as a vice president of the Federal Reserve Bank of New York. Dr. Groshen's research focuses on jobless recoveries, regional labor markets, wage rigidity and dispersion, the male-female wage differential, service-sector employment, and the role of employers in labor market outcomes.

She has served as a member of the BLS Data Users' Advisory Committee and the Census Bureau's 2010 Census Advisory Committee and also as an American Economic Association representative to the Census Advisory Committee of Professional Associations. On behalf of the New York Fed, she initiated the effort to form the consortium of thirteen research institutions that created the New York Census Research Data Center at Baruch College in 2006. Groshen received a bachelor's degree in economics and mathematics from the University of Wisconsin-Madison and a Ph.D. in economics from Harvard University.

Brent Hueth, University of Wisconsin-Madison, will be discussing topics related to agricultural statistics.



Brent Hueth is Director of the University of Wisconsin Center for Cooperatives (<http://www.uwcc.wisc.edu/>), with an appointment as associate professor in the Department of Agricultural and Applied Economics (<http://www.aae.wisc.edu/>). Brent has published in top economics journal including the American Journal of Agricultural Economics, the Journal of Regulatory Economics, the Journal of Economic Behavior and Organization, and the Journal of Economics and Management Strategy. Brent is a Research Fellow at the Institute for Exceptional Growth Companies (<http://exceptionalgrowth.org/>), and Executive Director of the Census Bureau's Research Data Center at the University of Wisconsin—Madison

(<http://www.census.gov/ces/rdcresearch/>). Brent's research and teaching focus on agricultural markets, cooperative enterprise, and economic development. (More info (<http://brenthueth.net/about/>))

Lecture Notes

- Health statistics (Lecture Notes: INFO7470-S7-Parker (<http://hdl.handle.net/1813/45032>), Jennifer Parker (NCHS))
- Agricultural statistics (Lecture Notes: INFO7470-S7-DunnHueth (<http://hdl.handle.net/1813/45033>), additional materials (<https://www.vrdc.cornell.edu/info747x/wp-content/uploads/2016/03/INFO7470-S7-DunnHueth-Food-and-Agriculture-in-the-Federal-Statistical-System.xlsx>), INFO7470-S7-Migrant Farm Labor in the Census of Agriculture (<http://hdl.handle.net/1813/45055>), Richard Dunn (University of Connecticut) and Brent Hueth (University of Wisconsin-Madison))
- EIA presentation: INFO7470-S9-EIA-Background-2016 (<http://hdl.handle.net/1813/45040>) (Jacob Bournazian (EIA))
- Register-based statistics: INFO7470-S9-Register-data (<http://hdl.handle.net/1813/45041>)
- Alternate data sources: INFO7470-S9-Organic-data (<http://hdl.handle.net/1813/45042>)
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- Updates on the above: INFO7470-S9-Updates (<http://hdl.handle.net/1813/45043>)
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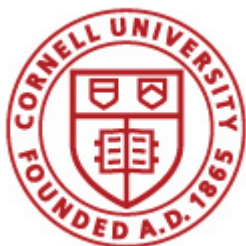
www.ncrn.cornell.edu/event/session-7-data-from-other-statistical-agencies-and-other-sources/?instance_id=104268)

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OCT
19
Thu
2017
(<https://www.ncrn.cornell.edu/events-and-activities/action~oneday/exact-date~10-19-2017/>)

INFO7470: Census Geography and MAF Redesign (Michael Ratcliffe) @ Ives 109

Oct 19 @ 16:25 – 18:00



(https://www.ncrn.cornell.edu/event/info7470-census-geography-and-maf-redesign-michael-ratcliffe/?instance_id=104278)

Michael Ratcliffe will be discussing topics related to the definitions, in the past, now, and in the future, of geography for census data collection purposes. This presentation is part of INFO7470 (<https://www.vrdc.cornell.edu/info747x/>) but all are welcome.

www.ncrn.cornell.edu/event/info7470-census-geography-and-maf-redesign-michael-ratcliffe/?instance_id=104278)

CATEGORIES: CONFERENCES ([HTTPS://WWW.NCRN.CORNELL.EDU/EVENTS-AND-ACTIVITIES/CAT_IDS~9/](https://www.ncrn.cornell.edu/events-and-activities/cat_ids~9/)) **TAGS:**

Census@Cornell (https://www.ncrn.cornell.edu/events-and-activities/tag_ids~138/)

Session 8: Census Geography

Oct 19 @ 16:25 – 18:00

This will be “flipped classroom” on **Geographic Information Systems (GIS)** – basic geocoding, geographic concepts, and other topics.

Discussion lead

Michael Ratcliffe, U.S. Census Bureau

Assistant Division Chief for Geocartographic Products and Criteria, Geography Division, U.S. Census Bureau.

Lecture Notes

- Geography: INFO7470-S8-Census Geography Concepts (<http://hdl.handle.net/1813/45035>)

[Read more → \(https://www.ncrn.cornell.edu/event/session-8-census-geography/?instance_id=104265\)](https://www.ncrn.cornell.edu/event/session-8-census-geography/?instance_id=104265)

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OCT

26

Thu

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[\(https://www.ncrn.cornell.edu/events-and-activities/action~oneday/exact_date~10-26-2017/\)](https://www.ncrn.cornell.edu/events-and-activities/action~oneday/exact_date~10-26-2017/)**INFO7470: Restricted Access Data in the FSRDC system @ Ives 109**

Oct 26 @ 16:25 – 18:00

 [\(https://www.ncrn.cornell.edu/event/info7470-restricted-access-data-in-the-fsrdc-system/?instance_id=104280\)](https://www.ncrn.cornell.edu/event/info7470-restricted-access-data-in-the-fsrdc-system/?instance_id=104280)

Barbara Downs (U.S. Census Bureau) will be discussing how best to access data in the FSRDC system. This presentation is part of INFO7470

[\(https://www.vrdc.cornell.edu/info747x/\)](https://www.vrdc.cornell.edu/info747x/) but all are welcome.[→ \(https://www.ncrn.cornell.edu/event/info7470-restricted-access-data-in-the-fsrdc-system/?instance_id=104280\)](https://www.ncrn.cornell.edu/event/info7470-restricted-access-data-in-the-fsrdc-system/?instance_id=104280)

CATEGORIES: CONFERENCES (HTTPS://WWW.NCRN.CORNELL.EDU/EVENTS-AND-ACTIVITIES/CAT_IDS~9/) TAGS:

Census@Cornell (https://www.ncrn.cornell.edu/events-and-activities/tag_ids~138/)**Session 9: Restricted Access Data and Replicability**

Oct 26 @ 16:25 – 18:00

Flipped classroom about access to **restricted access data**. Students will be introduced to the research proposal mechanism of the Federal Statistical Research Data Center, including data from the Census Bureau, NCHS, and BLS.

Discussion will focus on how to access various restricted access data sets. Guest presenters may be present live in the videoconference classroom.

Part 3 switches gears, and discusses the need for and the requirements of replicable science (in general, and in restricted-access environments). This part is a live lecture by Lars Vilhuber.


Lecture Notes

- Restricted Access Data: INFO7470-S8-Proposals (<http://hdl.handle.net/1813/45036>), Kristen Monaco on BLS proposal review (<http://hdl.handle.net/1813/45037>), Matthias Umkehrer on IAB access (<http://hdl.handle.net/1813/45038>)
- Replicable Science: INFO7470-S9-Replicable Science (<http://hdl.handle.net/1813/45044>)
←
- Updates and Flipped Class questions: INFO7470-S8-Updates and flipped class questions (<http://hdl.handle.net/1813/45039>)
→

Additional links

- IRS SOI Joint Statistical Research Program (<https://www.irs.gov/uac/SOI-Tax-Stats-Joint-Statistical-Research-Program>) – with links to the 2014 Call for proposals (now closed)(local copy (<https://www.vrdc.cornell.edu/info747x/wp-content/uploads/2015/12/14jsrapplication.pdf>)) and projects in 2012 and 2014

[e → \(https://www.ncrn.cornell.edu/event/session-9-restricted-access-data-and-replicability/?instance_id=104267\)](https://www.ncrn.cornell.edu/event/session-9-restricted-access-data-and-replicability/?instance_id=104267)

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 **SEPTEMBER – OCTOBER 2017**

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