

# MICHELE CLAIBOURN

I am a research director – a senior data scientist, political scientist, community-engaged scholar, and senior administrator – with 20 years of experience teaching, leading, and managing research and data science teams. Recently I've been building and leading Research Data Services<sup>7</sup> in the UVA Library.

My own work has turned towards action-based research, using the tools of data science to promote accountable governance<sup>2</sup>, make visible racial and other social inequities<sup>3</sup>, and impact public policy and movement building. I am always interested in opportunities to use my experience and skills towards creating a more economically and socially just world.





## PROFESSIONAL EXPERIENCE

- Current**  
|  
2015  
● **Director, Research Data Services & Social, Natural, and Engineering Sciences<sup>5</sup>**  
UVA Library, University of Virginia
  - Data Science Director, Equity Center, 2020-present (partial buyout)
  - Faculty Affiliate/Lead Data Scientist, Global Policy Center, 2019-present
  - Co-Director, Community Policy, Analytics & Strategy Lab, 2018-present
- 2015  
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2013  
● **Director, StatLab and Research Data Services**  
UVA Library, University of Virginia
  - Associate Director, Data Science Institute, 2014-2016 (partial buyout)
- 2013  
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2011  
● **Data Scientist**  
Weldon Cooper Center for Public Service, University of Virginia
- 2011  
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2004  
● **Assistant Professor**  
Department of Politics, University of Virginia



## EDUCATION

- 2002  
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1996  
● **PhD., Political Science**  
University of Wisconsin-Madison  Madison, WI
- 1993  
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1989  
● **B.A., Political Science**  
Rice University  Houston, TX



## TEACHING AND MENTORING

- 2020  
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2002  
● **Graduate Courses**  
University of Virginia and University of Oklahoma
  - Public Interest Data Lab, Saving Lives with Data, Text as Data, Applied Causal Inference, General Linear Models, Linear Models, Applied Time Series, Mixed-Effects Models/Longitudinal Analysis, Introduction to Statistical Analysis
- 2020  
|  
2002  
● **Undergraduate Courses**  
University of Virginia and University of Oklahoma
  - Project First Gen +, Research Design & Analysis, The Presidency and the Public, Media & Political Communication, Political Psychology & Decision Making, Citizen Competence in American Democracy, Introduction to American Politics
- 2019  
|  
2013  
● **Select StatLab Workshops<sup>6</sup>**  
University of Virginia
  - Six-part series on Data Science in R, Multiple Imputation, Cluster Analysis, Duration Models, Matching Methods, Mixed-Effects Models, Sentiment Analysis, Topic Modeling, Text Classification, Data Wrangling, Linear Modeling

## CONTACT

✉ [mclaibourn@virginia.edu](mailto:mclaibourn@virginia.edu)

🔗 [mclaibourn.github.io](https://mclaibourn.github.io)

🌐 [github.com/mclaibourn](https://github.com/mclaibourn)

in

[linkedin.com/in/mclaibourn](https://linkedin.com/in/mclaibourn)

See full CV and project portfolio at [mclaibourn.github.io](https://mclaibourn.github.io).

### Leadership

Consult with researchers and design research projects with partners seeking to better understand racial disparities and social structures, and to develop a policy response.

Founded StatLab<sup>4</sup>, a data science consulting service for members of the UVA community where I continue to serve as a senior consultant and to mentor student fellows.

Build a new division of the library enhancing our ability to support the growing data science research community at UVA, recruiting, hiring, and managing a team with diverse skills and talents to meet emerging university research needs.

Supervise a team of 10-12 full-time staff, 3-4 graduate fellows, and research teams across multiple collaborations on a range of research projects, including work on equity and COVID response in the Charlottesville community, racial disparities in the local child welfare systems, forced displacement events with humanitarian partners, and additional community-oriented and library-directed data science efforts.

Last updated on 2020-08-07.

2019



## REU Mentor

School of Data Science, UVA



## SELECTED PUBLICATIONS AND PRESENTATIONS

2019



### Charlottesville Foster Care Study<sup>7</sup>

Report to the Charlottesville Department of Social Services

· With Charlotte McClintock and the Public Interest Data Lab

2020



### Panelist, Racial Equity and Technology

Public Interest Technology-University Network

2019



### Panel Chair and Moderator

Data & Democracy, School of Data Science Datapalooza, University of Virginia

2019



### Homework and Hubris: Preparing for Community-Engaged Courses

Innovations in Teaching Pedagogy Summit, University of Virginia

· With Paul Martin

2013



### Citizen Participation and Congressional Responsiveness: New Evidence for Why Participation Matters

Legislative Studies Quarterly 38: 59-82

· With Paul Martin

2012



### Creating Constituencies: Presidential Campaigns, Selective Mobilization, and the Scope of Conflict

Political Behavior 34: 27-56

· With Paul Martin

2011



### Presidential Campaigns and Presidential Accountability<sup>8</sup>

University of Illinois Press, Series on Democracy, Free Enterprise, and the Rule of Law

2007



### The Third Face of Social Capital: How membership in Voluntary Associations Improves Policy Accountability

Political Research Quarterly 60: 192-201

· With Paul Martin

2002

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2000



### Gender Differences in Citizen-Level Democratic Citizenship: Evidence from the Comparative Study of Electoral Systems

Presented to the International Political Science Association (2000), the Midwest Political Science Association (2001), and the Conference on Comparative Study of Electoral Systems (2002)

· With Virginia Sapiro

· 2001 Winner, Sophonisba Breckenridge Award for best paper on Women & Politics, Midwest Political Science Association Annual Meeting

2000



### Trusting and Joining: An Empirical Test of the Reciprocal Nature of Social Capital

Political Behavior 22: 267-291

· With Paul Martin



## LINKS

1: <https://data.library.virginia.edu/>

2: <https://commpas.batten.virginia.edu/>

3: [https://virginiaequitycenter.github.io/cvillieequity\\_covid/](https://virginiaequitycenter.github.io/cvillieequity_covid/)

4: <https://data.library.virginia.edu/statlab/>

5: <https://data.library.virginia.edu/>

## Teaching and Writing

20 years of experience teaching statistics and data science methods, applied policy research, and political behavior to undergraduate and graduate students.

Design data workshop series for student and adult learning communities, including recruiting and mentoring instructors, marketing and assessment, and contributing to select topics.

Experienced writer in multiple formats, from university press books and peer-reviewed journal articles, to action-oriented reports for local and state agencies, educational materials, and informal writing.

Skilled in communicating about data, technology, and policy to stakeholders, advocates, and learners.

## Methods and Software

Statistical modeling and data science

R, RStudio, Shiny

Data wrangling and visualization

Stata and SPSS

Text analytics

GitHub and reproducibility

Some Python and SQL

Qualitative methods

- 6: <https://data.library.virginia.edu/training/past-workshops/>
- 7: <https://doi.org/10.18130/v3-ztey-hn31>
- 8: <https://www.press.uillinois.edu/books/catalog/75hhf7en9780252035920.html>