

Teaching Focused Careers in **Colleges, Universities, and Industry**

Mine Dogucu



@MineDogucu

bit.ly/dogucu-talk

PhD,
The Ohio State University



Assistant Professor of Applied Statistics,
New College of Florida



Visiting Assistant Professor of Data Analytics,
Denison University



Assistant Professor of Teaching,
University of California Irvine

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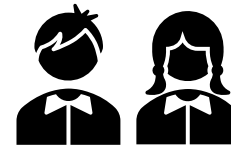
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In my case, teaching load was higher in research universities when compared to research faculty but not when compared to faculty at liberal arts colleges.

University of California Irvine



1 of the 10 UC campuses.



36,032 students

29,736 undergraduate students

6,296 graduate students

First generation undergraduates: 44%



Quarter System

Department of Statistics

The logo for the University of California, Irvine (UCI), consisting of the letters 'UCI' in a bold, white, sans-serif font on a dark blue background.

Donald Bren School of
Information & Computer Sciences

2 Professors of Emeriti

13 Tenure track faculty

3 + Lecturers

42 Ph.D. students

46 M.S. students

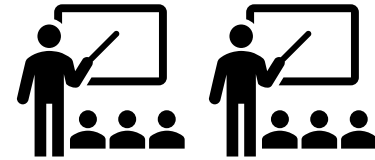
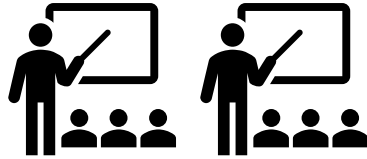
Teaching Load

FALL

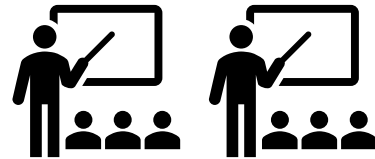
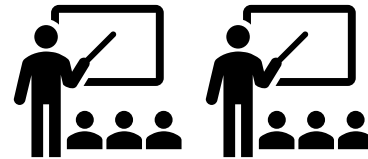
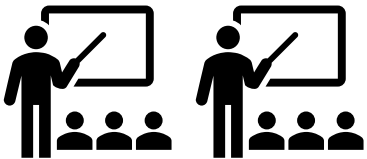
WINTER

SPRING

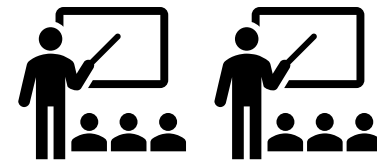
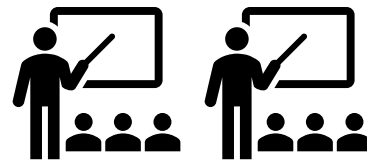
First year



Pre-tenure



Tenure



Typical week

Teaching

Office Hours

Teaching office hours

Meeting with TAs and graders

Course prep

Meeting(s) with collaborators

Work on projects

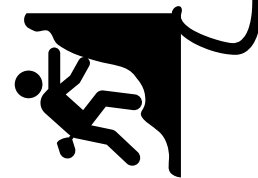
Some weeks: Service meetings

Department meeting



Photo is from good old pre-pandemic days

Rewards & Challenges





Small class sizes



Large class sizes

Working with a team of TAs and graders



Working with graduate students on pedagogical projects



Federica Ricci



Wendy Rummerfield

Immediate feedback from students



Convincing other faculty teaching is as important as research in statistics departments.



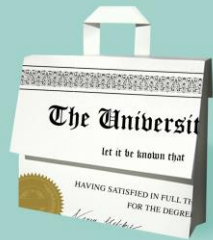
Resources

Networks

- [Section on Statistics and Data Science Education Mentoring Program](#)
- [Preparing to Teach Workshop](#)
- [Isolated Statisticians](#) Interest Group
- Preparing to Teach (National Program – check your own institution's)
- [MAA's Project NExT](#)
- [Antiracist Statistics Educators](#)

Books

THE PROFESSOR IS IN



THE ESSENTIAL GUIDE TO
TURNING YOUR PH.D INTO A JOB

KAREN KELSKY, PH.D.

OXFORD

Teaching Statistics A Bag of Tricks

SECOND EDITION



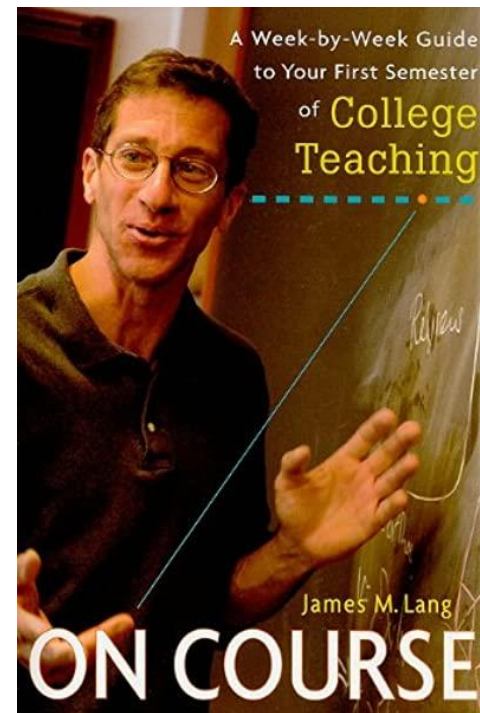
ANDREW GELMAN & DEBORAH NOLAN

HOW LEARNING WORKS

7 Research-Based Principles
for Smart Teaching

Susan A. Ambrose
Michael W. Bridges | Michele DiPietro
Marsha C. Lovett | Marie K. Norman

FOREWORD BY RICHARD E. MAYER

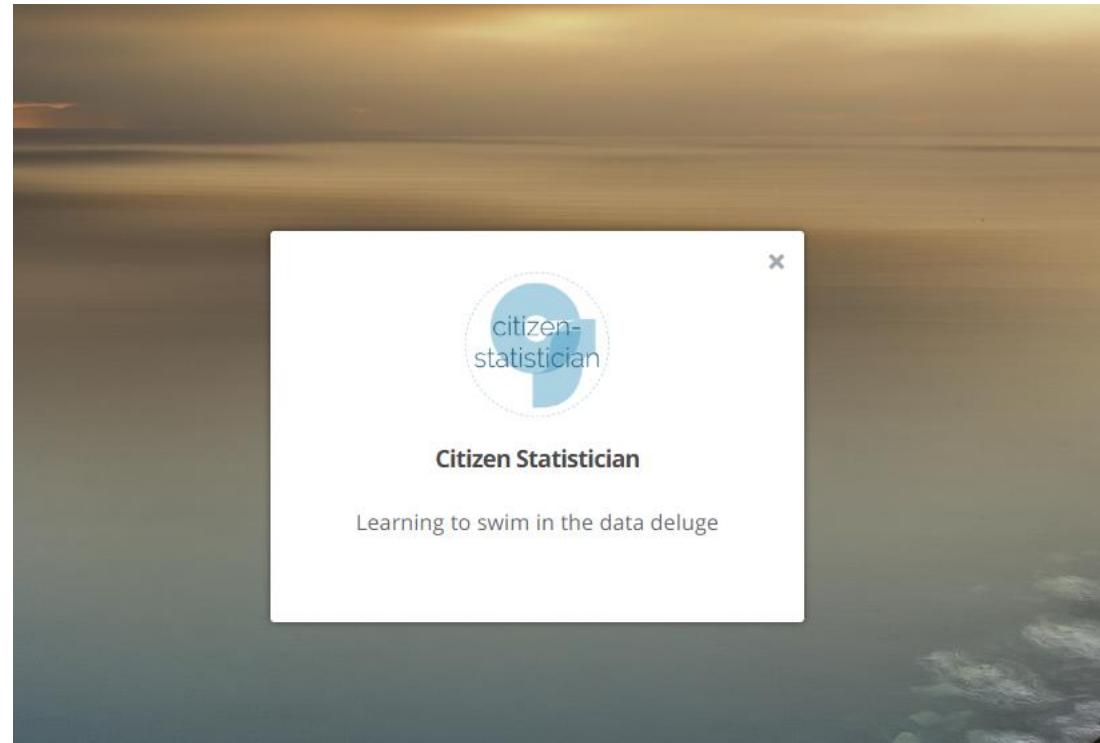


Teaching What You Don't Know



THERESE HUSTON

Blogs



citizen-statistician.org

Rob Gould
Mine Çetinkaya-Rundel
Andy Zieffler

Teach Data Science

teachdatascience.com

Hunter Glanz
Jo Hardin
Nick Horton

Ask Good Questions

A blog about teaching introductory statistics

[Home](#) [List of posts](#) [#1 Ten questions about this blog](#) [#52 Top thirteen topics](#) [About me \(Allan Rossman\)](#) [Presentations](#)

[Interviews](#) [Contact](#)

askgoodquestions.blog

Allan Rossman

Data Pedagogy

Thoughts longer than a tweet, shorter than a manuscript on data, pedagogy, and data pedagogy



www.DataPedagogy.com

Mine Dogucu

Tips for the Job Market:
Before

- Teach! Even if it is an hour long workshop.
- Check your school's education courses or certificates in college teaching.
- Have a website.
- Be vocal (beyond statistics networks as well).
- Make connections at JSM and at other conferences.
- Prepare your job application materials (at least in first draft) the summer before.

Tips for the Job Market:
During

- Reach out to the person who posted the job / point of contact.
- Ask what is considered “research” for teaching faculty.
- Ask about the tech infrastructure and support.
- Be emotionally ready to meet faculty who look down on teaching.
- Ask about dual-career support (?)

Tips for the Job Market:
After

- Teaching load for the first few years is negotiable.
- Ask about support after tenure (in some schools).
- If you are an immigrant, it is your right to ask what kind of immigration support the employer provides.
- Moving is more costly than you think it is.

Tenure Track Searches for PhD in Statistics (or related fields):

Isostat Edition for JSM 2020

Institution	Job post	JSM contact	JSM contact email
Colgate University	Will be posted later	William Cipolli	william.cipolli@gmail.com
Drew University	Will be posted later	Sarah Abramowitz	sabramow@drew.edu
Gustavus College	Posted on mathjobs	Jillian Downey	jdowney@gustavus.edu
Smith College	Will be posted later	Miles Ott	mott@smith.edu



mdogucu@uci.edu



@MineDogucu



[@mdogucu](https://github.com/mdogucu)