

First year as Faculty

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bit.ly/P2T-new-faculty

Where we're going

01

Context

Where are we? How does this compare to your interests?

02

Culture

Getting to know your new university and department

03

Finding harmony

Between teaching, research, and service

04

Community

Finding a community of mentors / peers to uplift you

05

Your turn

Discussion about what you're expecting, questions you have, etc.

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Sara Stoudt



Assistant Professor of Mathematics

Bucknell University

Allison Theobald



Assistant Professor of Statistics

Cal Poly



01

Context

Bucknell University

Context

- Department of Mathematics



Context

- Department of Mathematics
- **teaching-focused** undergraduate university with expectation of **scholarship**



Context

- Department of Mathematics
- **teaching-focused** undergraduate university with expectation of **scholarship**
- $\frac{1}{3}$ Teaching
- $\frac{1}{3}$ Research
- $\frac{1}{3}$ Service
 - Probably more like 40/40/20



Context

teaching-focused

- 3-2 (semester)
- Courses capped at 28
- Undergraduate
 - Statistics Major/Minor
 - Intro Stat as service course



Context

research-focused

- Peer-reviewed papers
- Talks, grant proposals, consulting, refereeing, writing reviews, conference participation
- Student research & interdisciplinary collaborations encouraged





01

Context

California Polytechnic
State University

Context

- Department of Statistics at Cal Poly



Context

- Department of Statistics
- **teaching-focused**
undergraduate university
with expectation of
scholarship



Context

- Department of Statistics
- **teaching-focused**
undergraduate university
with expectation of
scholarship
- **60%** teaching
30% scholarship
10% service



Teaching Focused

- 3-3-3 teaching load (quarters)
- Small (< 35) classes
- Undergraduate:
 - Statistics major
 - Statistics minor
 - Data Science minor



Scholarship Focused

- Publications
 - Presentations
 - Educational Materials
 - Grants
-
- Student research & interdisciplinary collaborations encouraged



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02

Culture

Take time to get to
know your department
& university

Culture



University norms



Departmental norms

Culture



University norms



Departmental norms

Culture



University norms

Liberal arts vs. business
and engineering schools



Departmental norms

Culture



University norms

Where does Statistics
fit?



Departmental norms

Culture



University norms

Demand for Statistics &
Data Science



Departmental norms

Culture



University norms

Finances post-COVID



Departmental norms

Culture



University norms

Handling of COVID-19



Departmental norms

Culture



University norms



Departmental norms

New courses & semester
preps

Culture



University norms



Departmental norms

Assistant Professor
service expectations

Culture



University norms



Departmental norms

What is the best way to
be heard as an assistant
professor?

Culture



University norms



Departmental norms

Established
collaborations

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A woman in a black suit and white shirt is balancing on a tightrope. She is looking up and to the right, with her arms extended outwards. Two large gray circles are visible in the background. A blue rectangular box is on the right side of the image, containing the text '04 Finding harmony' and 'Between teaching, research, and service'.

04 Finding harmony

Between teaching,
research, and service

Finding harmony



Teaching

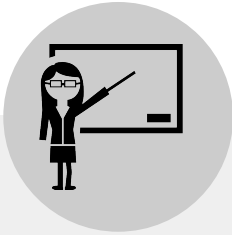


Research



Service

Finding harmony



Teaching

Find a strategy to limit putting all of your time into prep: teach in blocks, research / personal time, what to focus on when prepping

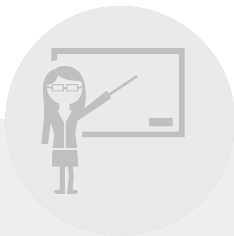


Research



Service

Finding harmony



Teaching



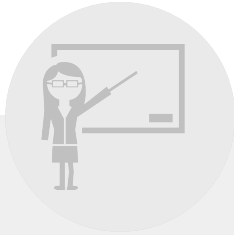
Research

List your projects, find collaborators with your style, give talks, meet the grant office, double dip when you can



Service

Finding harmony



Teaching



Research



Service

Department expectations, meet new people, review a book, share course materials, co-advise projects

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05

Community

Finding a community of
mentors / peers to
uplift you

Community

- Find **mentors** to help you along the way



Community

- Find **mentors** to help you along the way
- Both inside your department / university and outside



Community

- Find **peers** to help you along the way
- Both inside your department / university and outside



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First year as Faculty

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Bucknell is hiring
statisticians!

<https://www.mathjobs.org/jobs/list/17953>

