

Jacqueline Banks

Email : banks@umn.edu

EDUCATION

University of California, Santa Barbara

Ph.D. in Geography

2019

Emphasis in Demography

Dissertation: "Women's Empowerment and Fertility in West Africa"

University of California, Santa Barbara

M.A. in Applied Statistics

2012

University of California, Riverside

B.S. in Statistics

2011

Area of concentration: Pure statistics

Minor: Women's Studies

Completed Lower Division University Honors Program

Dean's list for two quarters

FELLOWSHIPS

Boren Fellowship

Full funding to study advanced French and beginning Wolof in Senegal in

Fall 2015 and conduct field work in Dakar, Senegal in Winter and Spring 2016.

2015-2016

LANGUAGES

French (intermediate-high)

Wolof (beginner)

Spanish (beginner)

English (fluent)

PEER-REVIEWED PUBLICATIONS

Jacqueline Banks, Scott M. Garrabrant, Mark L. Huber, and Anne Perizzolo.

Using TPA to count linear extensions. Journal of Discrete Algorithms (2018).

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WORKING PAPERS

Jacqueline Banks, Stuart Sweeney, and Wendy Meiring. **The Geography of Women's Empowerment in West Africa.**

Jacqueline Banks and Stuart Sweeney. **The Role of Men's and Women's Agency in Fertility in Dakar, Senegal.**

Jacqueline Banks and Stuart Sweeney. **Partner Cooperation, Family Planning, and Contraceptive Effectiveness in West Africa.**

CONFERENCE PAPERS AND POSTERS

Jacqueline Banks. **Partner Collaboration, Family Planning, and**

Contraceptive Efficacy in West Africa. Presentation at the Population

Association of America (PAA) 2018 Annual Meeting

Jacqueline Banks and Stuart Sweeney. **The Role of Men's and Women's**

Agency in Fertility in Dakar, Senegal. Presentation at the Population

Association of America (PAA) 2017 Annual Meeting.

Jacqueline Banks, Stuart Sweeney, and Kathryn Grace. **The Geography of Women's Empowerment and Gender Inequality in Burkina Faso**. Poster at the Population Association of America (PAA) 2015 Annual Meeting.

WORK EXPERIENCE

- Department of Geography, University of California, Santa Barbara
Teaching Assistant – nine quarters **2013 - 2019**
 Taught sections of typically 25-30 students and led discussions of course material.
 Assisted with evaluation and grading of students.
 GEOG 5: People, Places, and Environment – Fall 2014, Spring 2018, Fall 2019
 GEOG 20: Geography of Surfing – Winter 2014, Winter 2017, Spring 2019
 GEOG 12: Maps and Spatial Reasoning – Fall 2016
 GEOG 109: Economic Geography – Winter 2015
 GEOG 172: Intermediate Spatial Data Analysis – Fall 2013
- Department of Geography, University of California, Santa Barbara
Teaching Associate – GEOG 141A **2015, 2017**
 Taught GEOG 141A: Population Geography, an upper division course with approx. 25 students, as lecturer on record for two quarters. Created syllabus, curriculum, lectures, assignments and system of evaluation, which included writing and grading all exams. Delegated certain tasks to a teaching assistant including leading discussion section and grading homework assignments.
- Broom Center for Demography, University of California, Santa Barbara
Lab Assistant **2013 – 2014**
 Served as a statistical consultant to members of the Broom Center for Demography at UCSB, held office hours five hours each week at the Broom Center Social Demography Lab at UCSB.
- Statistics Department, University of California, Santa Barbara
Teaching Assistant – PSTAT 5A **2011 – 2012**
 Lead one discussion section and one lab section per week of PSTAT 5A: Introductory Statistics. Assisted with evaluation/grading of students and proctoring exams. Fall 2011, Winter 2012, Fall 2012
Reader – PSTAT 126
 Responsible for grading homework assignments for PSTAT 126: Regression Analysis. Spring 2012
- National Science Foundation
Student Intern **2011**
 Interned as part of the NSF's Summer Scholar Internship Program and HACU (Hispanic Association of Colleges and Universities) National Internship Program. Worked under supervision of Victoria Kwasiborski in the Engineering Directorate.

COMMITTEES

- The Green Initiative Fund (TGIF)
Graduate student representative, committee member **2014 - 2015**
 Reviews proposals and awards grants to projects on the UCSB campus that reduce the University's impact on the environment and promote sustainability. These grants total about \$170,000 per year.
- UCSB Geography Department Faculty Search Committee
Graduate student representative, committee member **2014**
 Reviews applications and participates in the selection of candidates for a position of faculty member of the Geography Department at UCSB.