

CARLOS SANTOS-RIVERA

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(515) 357-8102

EDUCATION

M.A. City & Metropolitan Planning, University of Utah. Expected graduation 2022
Salt Lake City, Utah. *4.0 GPA*

B.A. Political Science, Iowa State University. Ames, Iowa Graduated May 2020
Minor in Sociology

Humanities, University of Puerto Rico, San Juan, Puerto Rico August 2015- September 2017

WORK EXPERIENCE

Graduate Teaching Assistant August 2020 - Present
City & Metropolitan Planning, University of Utah.

- Prepare and deliver laboratories for CMP2010, Design Ecologies
- Record grades and attendance
- Assist professors and colleges with lectures
- Facilitate student discussions
- Create and write educational material related to ecological design
- Teach and illustrate the use of iMovie and Illustrator
- Hold office hours
- Provide individual feedback and foment a space of culturally emphatic learning

IT Assistant June - August 2019
Information Technology Services, Iowa State University

- Offered IT solutions for all students, faculty, and staff
- Assisted others by using bilingual skills
- Provided cross-cultural communication services to local & international customers

Spanish Tutor August - December 2018
Department of World Languages and Culture, Iowa State University

- Planned and conducted Spanish lessons for English speaking Sophomores and Juniors
- Tutored 201, 205 Spanish courses
- Assisted Spanish professors with evaluation processes
- Provided individualized and targeted feedback electronically

Teaching Assistant August 2014 – December 2017
Programa de Innovaciones Educativas, University of Puerto Rico

- Assisted professors in the Languages Department
- Tutored underrepresented, first-year students in Spanish & English
- Mentored underrepresented, and first-generation students
- Provide individual support for TAs with lesson planning and grading

Community Advisor

August 2015 – July 2017

Residence Hall: *Torre Norte*, University of Puerto Rico

- Helped develop and execute organizational policy for the LGBTTTQAI+ bathrooms and dorm accommodations in collaboration with the Residence Hall Department
- Facilitated communication and teamwork between different dorm halls
- Manage and coordinate hall activities, including “45 Anniversary of Torre Norte” within other events
- Serve residents and staff members through working designated shifts at the front desk,
- walking community rounds, assisting with hall opening, hall closing, room selection
- Facilitated weekly reports to the residence hall administration

RESEARCH EXPERIENCE

Undergraduate Research Assistant

September 2018 - Present

Civil, Construction and Environmental Engineering, Iowa State University

Mentor: Dr. Cristina Poleacovschi

Research topic: *The Role of Social Capital in the Process of re-construction in Puerto Rico after the 2017 Natural Disasters*

- Manage 27 in-person interviews with local stakeholders in Puerto Rico
- Conduct 305 individual door-to-door surveys with local community members and community observations in two rural municipalities in Puerto Rico
- Recruit research assistants, collaborators, and local stakeholders
- Code interviews using NVivo
- Analyze and proofread research articles and conference papers
- Conduct interviews in Spanish and English
- Translate 15 documents (ENG-SPA) and transcribe 5 interviews

Undergraduate Research Assistant

September 2019 - Present

Iowa State University, Department of Political Science

Mentor: Dr. Amy Smith

Research topic: *Gender in the Political Science Profession*

- Code and annotate bibliography for an ongoing American Political Science Association Journal
- Contribute to writing, and summation of research proposal

Undergraduate Research Assistant

January – May 2018

Ronald E. McNair Post-baccalaureate Achievement Program, Iowa State University

Mentor: Dr. Ashley Garrin

Group Research topic: *Cultural Empathy in Mentor/Mentee Relationships in a Graduate Level*

- Conducted individual interviews using semi-structured interviews
- Coded and analyzed 25 interviews
- Assisted in the annotation of the literature review
- Present results to the Iowa State community at the research symposium

PUBLICATIONS

C. Santos-Rivera, Bussell, K., L. Dubois, S. Frankenburg, M. Gaughran, A. Hart, M. Jimenez-Garcia, C. Loayza, M. McDonough, E. Meadows, C.J. Mecham, M. Miller, L. Olson, H. Pack, F. Pinaz, B. Potter, D. Rodriguez, J. Shahidi, D. Sillman, R. Sloan, and K. Willardson. 2020. “Community Engagement Study: Reimagine Nature, SLC Public Lands Master Plan.” I. García, M. Leether, and

M. Upcavage, eds. Salt Lake City, UT: City and Metropolitan Planning Department at the University of Utah. <https://doi.org/10.13140/RG.2.2.29026.15047>

Talbot, J., Poleacovschi, C., Hamideh, S., & **Santos-Rivera, C.** (2020). Informality in Postdisaster Reconstruction: The Role of Social Capital in Reconstruction Management in Post-Hurricane Maria Puerto Rico. *Journal of Management in Engineering*, 36(6), 04020074. [https://doi.org/10.1061/\(ASCE\)ME.1943-5479.0000833](https://doi.org/10.1061/(ASCE)ME.1943-5479.0000833)

Poleacovschi, C., **Santos-Rivera, C.**, Talbot, J., & Hamideh, S. (2019). Housing Recovery Through Social Capital: Puerto Rico after Hurricane Maria. *EPOC 2019* https://lib.dr.iastate.edu/communityplanning_conf/7

CONFERENCE PRESENTATIONS

Santos-Rivera, C. (April 2019). *Poster Presentation*. Housing Reconstruction Through Social Capital: Puerto Rico after Hurricane Maria." Annual McNair Research Symposium, Iowa State University

Santos-Rivera, C. (September 2019). *Oral Presentation*. Informality in Post-Disaster Reconstruction: The Role of Social Capital in Reconstruction Management. 2019 McNair Heartland Research Conference; Kansas City, Missouri.

Santos-Rivera, C. (December 12, 2019) *Poster Presentation*. "How Linking Capital Influence Recovery Outcomes in Puerto Rico: Post-Hurricanes 2017", Political Science 301 Presentations, Ames, Iowa.

AWARDS AND CERTIFICATES

- City & Metropolitan Planning Scholarship \$5,000 (2020)
- Best Paper, 17th Annual Engineering Project Organization Conference (EPOC, 2019)
- Ronald E. McNair Post Baccalaureate Achievement Program (2018-present)
- Mental Health First Aid Certificate (National Council of Behavioral Health, 2017-2020)
- IRB Human Research Social/Behavioral Research Course (Collaborative Institutional Training Initiative, 2018)
- S-00453" Introduction to Homeland Security Planning
- IS-00100.c Introduction to Incident Command System ICS-100
- IS-00325" entitled: Earthquake Basics Science Risk and Mitigation
- Poverty and Informal Property: Accessibility and Legal Frameworks in post-Hurricane Maria, Housing Recovery, approved by the Supreme Court of Puerto Rico, USA.
- Represented Puerto Rico at Habana Cuba, Pro-danza 2017
- Awarded by El Nuevo Día, representing Puerto Rico at Cuba and Panama: \$2,000 (2017)
- Andanza, Dance Scholarship \$15,000, awarded by the board of Andanza (2010-2017)
- Dean List, University of Puerto Rico (2015-2016)

SERVICE

Volunteer "Puerto Rico; State Department" As part of the community efforts to evacuate disaster zones after hurricane María in Rio Piedras, Puerto Rico. September 21-30th, 2017

Volunteer "Andanzas Outreach" Providing dance classes to disadvantage communities in Puerto Rico. Taught classical ballet and contemporary classes, years 3-12. Hold by Andanza, PR. 2015-2016

Volunteer “Mesón de Amor” Providing food to college students and minimize the food insecurity in campus, Rio Piedras. 2015-2017

RELATED SKILLS

- JMP Statistical Software
- Microsoft Office, Excel
- NVivo Software: Qualitative data analysis
- Door-to-door surveys
- R statistical software
- Grant Writing
- iMovie
- Illustrator

LANGUAGES SKILLS

- English (Fluent)
- Spanish (Fluent)
- French (learner)
- ASL (learner)

MEMBERSHIPS

- American Planning Association (member)
- American Political Science Association (member)
- Planner for Puerto Rico (member)
- Iowa State University McNair (scholar)
- ISU Pride Alliance (Former Vice-President)