Francisco J. Santamarina

Ph.D. Candidate
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EDUCATION

University of Washington *(August 2017 – Present)* – Seattle, WA
   Ph.D. candidate in Public Policy & Management at Evans School of Public Policy & Governance
   Prospectus: NGOs and NPOs: Assessments of Non-Financial Contributions and Impact Evaluation Standards
   Major Area Paper: What are Nonprofits Truly Receiving? A proposed taxonomy for donated goods and services to correct gaps in contemporary theory and empirical research
   M.S. in Public Policy & Management *(December 2020)*
Syracuse University *(July 2016 – June 2017)* **–** *Syracuse, NY*
   M.P.A. from the Maxwell School of Citizenship and Public Affairs
Emory University *(Aug. 2007 – May 2011)* **–** *Atlanta, GA*
   B.A., Religion from Emory College

PROFESSIONAL EXPERIENCE

Booz Allen Hamilton *(Oct. 2014 – May 2016)* – *Washington, D.C.*
   Senior Consultant, January 2016 – May 2016
   Consultant, October 2014 – December 2015
   Client: Department of Transportation, Federal Railroad Administration
   - Supported Amtrak oversight by managing creation of a database for change request submissions and generating related documentation as well as preliminary data analyses
   - Provided project management support to various grant programs and a loan program, including development of documentation, providing financial reviews and contract audits, and creating tracking tools
   - **Classes:** Business Process Re-engineering, Strategic Planning **Training Programs:** Process Improvement

Epic Systems *(Feb. 2013 – July 2014)* – *Madison, WI*
   Project Manager – Hospital Billing (HB) Application Coordinator (Feb. 2013 – July 2014)
   - At two hospital organizations, managed 4-person analyst teams and coordinated design, validation, testing, and post-live stabilization and optimization
   - Facilitated software build meetings ranging in size from 2 to 25 hospital employees

RESEARCH EXPERIENCE

Evans School, University of Washington (*Ongoing*)

- Qualitative analysis of impact measurement standards using coding software Atlas.TI 8, with Dr. Mary Kay Gugerty (UW) and Dr. George Mitchell (Baruch-CUNY)
- Analyzed nonprofit data using machine learning techniques and scraped websites for additional text data using R statistical language, with Dr. Jesse Lecy (ASU) and Dr. Eric van Holm (UNO)

Evans School, University of Washington (*June 2019 – January 2020*)
- Worked with Dr. Scott Allard (UW) to collect county-level data from state-specific implementations of TANF and WIC across the United States
- Collected data from websites and via interactions with relevant staff, and cleaned data and created data structures to facilitate cross-county and cross-program comparisons

Evans School Policy Analysis & Research Group (EPAR), University of Washington (*July 2018 – September 2018*)
- Reviewed and developed EPAR's custom text mining solutions, tested alternatives, and created database of additional methods

Evans School, University of Washington (*September 2017 – July 2018*)
- Collected impact measurement standards and contributed to development, testing of a code book with Dr. Mary Kay Gugerty (UW) and Dr. George Mitchell (Baruch-CUNY)

Campbell Public Affairs Institute, Maxwell School, Syracuse University (*September 2016 – June 2017*)
- Wrote custom code using R statistical language to scrape 169 unique fields from 4 different types of tax forms in XML format, and flexible enough to be applicable to tens of thousands of files

Particulate Media Research Laboratory, Georgia Institute of Technology (*March – June 2012*)
- Performed experimental research on the geophysical characteristics of fly ash

PUBLICATIONS

Refereed Journal Publications

- Santamarina, F. J., Lecy, J. D., & van Holm, E. J. (2021) How To Code A Million Missions: Developing Bespoke Nonprofit Activity Codes Using Machine Learning Algorithms. Under Review.
- Gugerty, M. K., Mitchell, G. E., & Santamarina, F. J. (2021). Discourses of evaluation: Institutional logics and organizational practices among international development agencies. *World Development*, *146*, 105596.
- Lecy, J. D., Ashley, S. R., & **Santamarina, F. J.** (2019). Do nonprofit missions vary by the political ideology of supporting communities? Some preliminary results. *Public Performance & Management Review*, *42*(1), 115-141.
- Bachus, R.C., Terzariol, M., Pasten, C., Chong, S.H., Dai, S., Cha, M.S., Kim, S., Jang, J., Papadopoulos, E., Roshankhah, S., Lei, L., Garcia, A., Park, J., Sivaram, A., **Santamarina, F. J.**, Ren, X., Santamarina, J.C. (2019). Characterization and Engineering Properties of Dry and Ponded Class-F Fly Ash. *Journal of Geotechnical and Geoenvironmental Engineering*, *145*(3), 04019003.

Conference Publications - Abstracts
- George Mitchell, Mary Kay Gugerty, and Francisco J. Santamarina. *Emergent Impact Measurement Standards for Third-Sector Organizations: A Mixed-Method Analysis*. International Society for Third Sector Research. Virtual: July 15, 2021.
- Francisco J. Santamarina, Jesse Lecy, and Eric van Holm. *Nice White Nonprofits: Patterns of Social Entrepreneurship in Poor and Gentrifying Urban Communities*. West Coast Nonprofit Data Conference, Annual Conference. Virtual: April 9, 2021.

- Eric van Holm, Jesse Lecy, and Francisco J. Santamarina. *Gentrification and the Structure of Local Nonprofits*. Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. Virtual: November 12, 2020.
- George Mitchell, Mary Kay Gugerty, and Francisco J. Santamarina. *Emergent Impact Measurement Standards for Third-Sector Organizations: A Mixed-Method Analysis*. International Society for Third-Sector Research, Annual Conference. Montreal, Quebec, Canada. *Postponed due to COVID-19.
- Eric van Holm, Jesse Lecy, and Francisco J. Santamarina. *Gentrification and the Structure of Local Nonprofits*. Public Management Research Association, Annual Conference. Honolulu, HI. *Postponed due to COVID-19.
- Jesse Lecy, Francisco J. Santamarina, and Eric van Holm. *Humans vs machines: Benchmarking the performance of machine-learning algorithms used to automate the assignment of nonprofit tax-exempt codes.* Public Management Research Association, Annual Conference. Honolulu, HI. *Postponed due to COVID-19.
- Francisco Santamarina. *What are nonprofits really getting? A Proposed Taxonomy for Understanding In-Kind Contributions of Goods and Services*. Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. San Diego, CA: November 22, 2019.
- Francisco J. Santamarina, Jesse Lecy, and Eric van Holm. *How to Code a Million Missions: Developing and Applying Bespoke Nonprofit Activity Codes Using Machine Learning Algorithms*. Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. San Diego, CA: November 22, 2019.
- Mary Kay Gugerty, George Mitchell, and Francisco J. Santamarina. *Discourses of Impact Evaluation: Emergent Norms for International NGOs*. Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. San Diego, CA: November 22, 2019.
- Jesse Lecy, Francisco Santamarina, David van Slyke, and Eric van Holm. *The Political Economy of Nonprofit Missions*. Public Management Research Conference. Chapel Hill, North Carolina: June 12, 2019.
- Mary Kay Gugerty, George E. Mitchell, and Francisco J. Santamarina. *Measuring Impact: Can Codes of Conduct Encourage Impact Measurement among NGOs*? West Coast Nonprofit Data Conference. Phoenix, AZ: April 26, 2019.
- Jesse Lecy, Francisco Santamarina, and Eric Van Holm. *Social impact for whom? The geography of nonprofit mission in an age of income inequality and demographic sorting*. USC's Price School of Public Policy, The Center on Philanthropy & Public Policy's "Philanthropy & Social Impact: A Research Symposium." Los Angeles, CA: March 15, 2019.
- Mary Kay Gugerty, George E. Mitchell, and Francisco J. Santamarina. *Measuring Impact: Can Codes of Conduct Encourage Impact Measurement among NGOs*? Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. Austin, TX: November 16, 2018.

Books
- Santamarina, F. J. under pen name Josefina Lindte (2012), The Memories of Frances X, AuthorHouse. Available from Amazon, https://www.amazon.com/Memories-Frances-X-Josefina-Lindte/dp/1477267905

TEACHING EXPERIENCE

University of Washington *(Sept. 2018 – Jul 2021) – Seattle, WA*
  Instructor of Record

- Evidence-Based Policy Implementation (PUBPOL 313): Winter 2021 (remote)

Teaching Assistant
- Financial Management and Budgeting (PUBPOL 522): Autumn 2018, Autumn 2019, Autumn 2020 (remote)
- Managing Organizational Performance (PUBPOL 512): Winter 2019, Winter 2020 (partially remote)
- Public Policy Analysis (PUBPOL 513): Spring 2019, Spring 2020 (remote), Spring 2021 (remote)

LABORATORY AND FIELD EXPERIENCE

Experimental Work
- Particulate Media Research Laboratory, Georgia Institute of Technology (*March – June 2012*). Performed experiments to measure specific gravity of collected specimens using water.

Field Research
- Dharamshala, Himachal Pradesh, India (*May – July 2010*). Interviewed members of local Tibetan community to collect data on the experiences of oracular mediums in exile. Research conducted as part of independent research course.
- Amazon Rain Forest, Ecuador (*March 2008*). Interviewed various shamans and traditional healers on their experiences, beliefs, and worldviews. Prepared analysis as part of undergraduate Sociology course.

GRANTS/AWARDS
Methods Workshops
- Participant, Institute for Qualitative and Multi-Method Research (IQMR). Center for Qualitative and Multi-Method Inquiry: Maxwell School, Syracuse University (NY). June 14 – 25, 2021. Modules included QCA, Multi-Method Research, Causal Inference from Causal Models, and Social Media as Social Science.
Professional Development Workshops
- Participant, PhD Seminar. International Society for Third Sector Research (ISTR), Annual Conference. Montreal, Quebec, Canada (Virtual): May 24-28, 2021
- Participant, Doctoral Fellows Workshop. Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. San Diego, CA: November 11, 2020
- Participant, Graduate Diversity Scholars and Leaders Professional Development Workshop. Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. San Diego, CA: November 20, 2019
- Participant, Graduate Diversity Scholars and Leaders Professional Development Workshop. Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. Austin, TX: November 14, 2018
Scholarships
- Robert W. Woodruff Scholarship, Emory University *(Aug. 2007 – May 2011)* **–** *Atlanta, GA*
Honors
- Nominee, University of Washington Excellence in Teaching Award, University of Washington *(notified Dec. 8, 2020; award recipients announced Spring Quarter, 2021)* **–** *Seattle, WA*

CONFERENCE PRESENTATIONS *(Refer to Publications – Abstracts for related citation)*

- *Emergent Impact Measurement Standards for Third-Sector Organizations: A Mixed-Method Analysis*. International Society for Third Sector Research. Virtual: July 15, 2021 (anticipated).
- *Nice White Nonprofits: Patterns of Social Entrepreneurship in Poor and Gentrifying Urban Communities*. West Coast Nonprofit Data Conference, Annual Conference. Virtual: April 9, 2021.
- *Gentrification and the Structure of Local Nonprofits*. Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. Virtual: November 12, 2020.
- *How to Code a Million Missions: Developing and Applying Bespoke Nonprofit Activity Codes Using Machine Learning Algorithms*. West Coast Nonprofit Data Conference. Austin, TX: Scheduled for April 25-26, 2020. *Canceled due to COVID-19.
- *What are nonprofits really getting? A proposed typology to categorize skilled voluntary labor and donated goods and services*. Western Social Science Association, Annual Conference. Portland, OR: Scheduled for April 3, 2020. *Canceled due to COVID-19.
- *What are nonprofits really getting? A Proposed Taxonomy for Understanding In-Kind Contributions of Goods and Services*. Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. San Diego, CA: November 22, 2019.
- *How to Code a Million Missions: Developing and Applying Bespoke Nonprofit Activity Codes Using Machine Learning Algorithms*. Association for Research on Nonprofit Organizations and Voluntary Action, Annual Conference. San Diego, CA: November 22, 2019.
- *Social impact for whom? The geography of nonprofit mission in an age of income inequality and demographic sorting*. USC's Price School of Public Policy, The Center on Philanthropy & Public Policy's "Philanthropy & Social Impact: A Research Symposium." Los Angeles, CA: March 15, 2019.

VOLUNTEERING AND MISCELLANEOUS

- Transnational NGO Initiative (*Syracuse University, September 2016 – May 2017*). Efforts include an external stakeholder analysis for Amnesty International and the development of promotional video for their Leadership Institute.
- KaBOOM! (*DC, March – November 2015*). Worked with Director of Strategic Initiatives to explore IT solutions for capturing donor data and review major charitable giving vehicles that were not previously considered as funding sources
- Languages: Fluent in English and Spanish. Conversational in French
- Citizenships: United States, Argentina