

Curriculum Vitae
Tatiane Costa dos Santos
santost@wharton.upenn.edu
Website: www.communitybenefitresearch.com

EDUCATION

PhD, Health Services Research with cognates in Organization and Management Theory, and Social Network Analysis, Colorado School of Public Health, University of Colorado Anschutz Medical Campus, December 2019

Dissertation: "Is Collaboration Between Nonprofit Hospitals and Local Health Departments Effective? An Analysis of Hospital Community Benefit Activities" (Mentor: Richard C. Lindrooth, PhD)

MPH, Health Policy and Management, Boston University School of Public Health, May 2004

BS, Biochemistry, Suffolk University, May 2000

TEACHING EXPERIENCE Colorado School of Public Health, University of Colorado Anschutz Campus

Lead Instructor

Mental Health Systems and Policy, Spring 2020 (MPH-level)

Graduate Teaching Assistant

Health Equity, Fall 2018 and 2019 (MPH-level)

Health Systems, Management and Policy, Spring 2016, 2017 and 2018 (MPH Core Course)

Current Global Health Policy Issues, Fall 2017 (MPH-level)

Management, Budgeting and Public Health Administration, Fall 2016 (MPH-level)

ACADEMIC EXPERIENCE

Postdoctoral Fellow, The Wharton School and Leonard Davis Institute of Health Economics at the University of Pennsylvania, Philadelphia, PA. 07/2020-present

Senior Research Instructor, University of Colorado Anschutz Medical Campus, Aurora, CO. 10/2014-present

Research Projects:

Understanding Hospital Community Benefits: A Mixed Methods Approach funded by the Agency for Healthcare Research and Quality (R01HS24959-01, PI: Richard C. Lindrooth)

Mixed methods evaluation of the impact of the Colorado Accountable Care Collaborative on spending and key performance indicators funded by the Colorado Department of Health Care Policy and Financing (PI: Richard C. Lindrooth)

CSPH COVID-19 Modeling Group under the leadership of Dean Jonathan M. Samet, MD, MS. Core member overseeing data collection, analysis, and reporting on hospital capacity and local health department contact tracing workforce and technical capacity. The group is directly advising the CO Department of Public Health and Environment and Governor Jared Polis.

Project Director: CSPH COVID-19 Website development: Reaching to Communities to Inform About the COVID-19 Epidemic. Under the leadership of Dean Jonathan M. Samet, MD, MS. Leading the development of a website and spin-off tolls that will reach key decision-makers in CO, state and local level, and Coloradans generally.

Co-Investigators: Tatiane Santos and Karl Kim. COVID-19 Contact Tracing Working Group. COVID-19 Working Group for Public Health and Social Sciences Research. Supported by the National Science Foundation-funded Social Science Extreme Events Research (SSEER) network and the CONVERGE facility at the Natural Hazards Center at the University of Colorado Boulder. (\$1,000)

Ad hoc Consulting

Economic Analysis of the Jefferson Center for Mental Health's Health Home Model. 01/2017-present

Subcontract from the Jefferson Center for Mental Health (\$79,700). Parent grant: *CO State Innovation Model: Bi-Directional Integration of Physical and Mental Health* funded by Center for Medicare & Medicaid Innovation: State Innovation Model. Economic analysis of the financial sustainability of a health home model under alternative reimbursement approaches. Role: Co-PI (with Richard C. Lindrooth)

Social Network Analysis of VT's model for primary care reform, 01/2015 to 12/2017

Funded by the Vermont Blueprint for Health initiative. Used social network methods to explore multi-sectorial collaboration and its impact on cost and access to care. Role: PI

(Core partner in RWJF grant and contributor to article) Burke, N. M., MPP, Chomitz, V.R., PhD, Rioles, N.A., MA, Winslow, S.P., JD, Brukilacchio, L.B., EdM, Baker, J.C., MA. The Path to Active Living: Physical Activity Through Community Design in Somerville, Massachusetts. <https://healthyplacesbydesign.org/wp-content/uploads/2014/07/Path-Burke.pdf>

PUBLICATIONS AND REPORTS

Santos, T.; Shoou-Yih, D.L.; East, C.; Lindrooth, R.C. (2020). Can Collaboration Between Nonprofit Hospitals and Local Health Departments Influence Population Health Investments by Nonprofit Hospitals? *Under review*

Santos, T.; Singh, S.; Young, G. (2020). Medicaid Expansion and Hospitals' Financial Status: National and State-Level Estimates Using IRS and CMS Data. 2011-2016. *Under Review*

Santos, T.; Lindrooth, R.C. (2020). Hospital Collaboration With Local Health Departments To Improve Drug-Induced Mortality: County-Level Estimates Using Mortality Data, 2009-2016. *Under Review*

Santos, T. (2020). Nonprofit Hospital Targeted Health Priorities and Collaboration with Local Health Departments in the First Round Post-ACA: A National Descriptive Study. *Front. Public Health* 8:88

Johnson, E., Hardy, R., **Santos, T.**, Leider, J., Lindrooth, R., & Tung, G. (2019). State Laws and Nonprofit Hospital Community Benefit Spending. *Journal of Public Health Management and Practice*, 25(4), E9-E17.

Santos, T. (2020). Colorado Local Public Health Agency Contact Tracing Workforce and Technical Capacity: Final Report.

Adams, J., Bayham, J., **Santos, T.**, Ghosh, D., and Samet, J. (2020). Comparing the Boundaries Between Mobility-Identified Communities and Potential Administrative Definitions for COVID-19 "Protect Our Neighbors" Criteria.

Santos, T., Lindrooth, R., Waxmonsky, J. (2019). *Colorado State Innovation Model. Financial Sustainability Analysis and Recommendations: Jefferson Plaza Family Health Home*

Tung, G., **Santos, T.**, Hardy, R., O'Leary, S., Lindrooth, R.C. (2017). *Evaluation of the Accountable Care Collaborative, Final Report*. Denver, CO. Colorado Department of Health Care Policy and Financing. <https://www.colorado.gov/pacific/sites/default/files/ACC%20Evaluation%20Full%20Report.pdf>

Lindrooth, R.C., Tung, G., **Santos, T.**, O'Leary, S. (2015) *Evaluation of the Accountable Care Collaborative: Year 1 Report*. Denver, CO. Colorado Department of Health Care Policy and Financing. [https://www.colorado.gov/pacific/sites/default/files/ACC%20Evaluation_Year%201%20Final%20Report_Final%2012%207%2015%20\(1\).pdf](https://www.colorado.gov/pacific/sites/default/files/ACC%20Evaluation_Year%201%20Final%20Report_Final%2012%207%2015%20(1).pdf)

Koh, S., **Santos, T.C.**, Cole, A.J. (2005). Susceptibility to seizure-induced injury and acquired microencephaly following selective depletion of basal forebrain cholinergic neurons in developing rat brain. *Exp Neurology*; 194:457-466.

Koh, S., Storey, T.W., **Santos, T.C.**, Mian, A.Y., Cole, A.J. (2001). Early-life seizures in rats increase susceptibility to seizure-induced brain injury in adulthood. *Neurology*; 57:S22-28

Koh, S., Storey, T.W., **Santos, T.C.**, Mian A.Y., Cole A.J. (1999). Early-life seizures in rats increase susceptibility to seizure-induced brain Injury in adulthood. *Neurology*; 53(5):915-921

BOOK CHAPTERS

adams, j., **Santos, T.**, & Williams, V. N. (2019, March 18). Strategies for Collecting Social Network Data: Overview, Assessment and Ethics. <https://doi.org/10.31235/osf.io/zgawf>

(*Research assistance to author*) jimi adams. (2018) Gathering Social Network Data. SAGE, Quantitative Analysis in the Social Sciences Series.

WORKING PAPERS and WORKS IN PROGRESS

Santos, T.; Lindrooth, R.C. (2020). Hospital Collaboration with Local Health Departments on Community Health Improvement Activities: Is the Whole More Effective than the Sum of Its Parts? *Job market paper*.

Park, K.; **Santos, T.**; Moon, J.R.; Awoonor, K.; Oh, J. (2020). Contact Tracing of COVID-19 Patients: Experience at the District Level in South Korea and Lessons Learned.

Santos, T.; Shoou-Yih, D.L.; Lindrooth, R.C.; adams, j. (2020). Using Social Network Methods to Understand the Relationship Between Local Health Department Social Capital and Community Health, *In progress*

Santos, T. (2020). Nonprofit Hospital Community Health Prioritization and Collaboration with Local Health Departments After the ACA: A National Descriptive Study. *Under review*

Lindrooth, R.C., **Santos, T.**, Owsley, K., Tung, G. (2020) Understanding the Heterogeneous Effects of the Affordable Care Act on Urban and Rural Hospitals. *In progress*

Lindrooth, R.C., **Santos, T.**, Owsley, K., Tung, G. (2020) The Association of Hospital Financial Performance and Community Benefit Spending. *In progress*

Tung, G; **Santos, T.**; Hardy, R.; O'Leary, S.; McConnell, KJ; Zerzan, J.; Lindrooth, R.C. (2019) The Accountable Care Collaborative: Spending Impacts and Provider Responses to Colorado's Medicaid Reforms. *Under Review*

Santos, T., Tung, G., Hardy, R., O'Leary, S., Lindrooth, R.C. (2019) Does external grant funding facilitate the success of new Medicaid initiatives?, *Draft Working Paper*

Tung, G.; **Santos, T.**; Hardy, R.; O'Leary, S.; Lindrooth, R.C. (2019) Enhancing quality and value in Colorado's Accountable Care Collaborative: Care coordination approaches among primary care medical providers in Colorado's Medicaid program. *Draft Working Paper*

Hardy, R.; Tung, G.; **Santos, T.**; O'Leary, S.; Lindrooth, R.C. (2019) What explains Urban-Rural Differences in the Association between Care Coordination Activities and Spending? An Analysis of Colorado's Accountable Care Collaborative. *Draft Working Paper*

CONFERENCE PRESENTATIONS

Santos, T. "Hospital Collaboration with Local Health Departments on Community Health Improvement Activities: Is the Whole More Effective Than the Sum of Its Parts?" Session: Improving Health through Multi-

sector Collaboration: Outcomes, Progress and Challenges. Oral presentation by Tatiane Santos at the AcademyHealth Annual Research Meeting 2020. Note: In-Person meeting canceled due to COVID-19.

Santos, T. "Hospital collaboration with local health departments on substance abuse and overdose prevention: Joint local health planning". Oral presentation by Tatiane Santos at the 2020 American Public Health Association Annual Meeting.

Waxmonsky, J., Tyson, S., **Santos, T.**, Swenson, M., Shiltz, M. "Making the Business Case for Sustainability: Clinical and Economic Outcomes from Jefferson Plaza Family Health Home". Oral presentation by Tatiane Santos at the 2020 Collaborative Family Healthcare Association's Annual Conference.

Santos, T. "Reducing Drug-Induced Mortality: Nonprofit Hospital and Local Health Department Collaboration and Joint Selection of Substance Abuse as a Local Health Priority". Poster presentation at the 2019 AcademyHealth Annual Research Meeting, June 2019.

Santos, T. "Not-for-profit Hospital and Local Health Department Collaboration on Population Health Assessment, Planning and Improvement: Influence on Community Benefit Spending Behavior of Not-For-Profit Hospitals". Oral presentation by Tatiane Santos at the 2018 American Public Health Association Annual Meeting.

Lindrooth, R.C., **Santos, T.**, Hardy, R., Leider, J.P., Capp, R., Tung, G. "Understanding the Effect of Hospital Financial Performance on the Amount and Type of Community Benefit Spending". Oral presentation by Richard Lindrooth at the 2018 AcademyHealth Annual Research Meeting, June 2018.

Cronin, C.E., Gran, B., **Santos, T.**, and Moore, A. "Understanding Hospital Participation in Community Health Assessments before the ACA". Poster presentation at the 2018 AcademyHealth Annual Research Meeting, June 2018.

Lindrooth, R., Perrailon, M., Hardy, R., **Santos, T.** and Tung, G. The Impact of Medicaid Expansions on Hospital Closure. Oral presentation by Richard Lindrooth at the 2017 AcademyHealth Annual Research Meeting, June 2017.

Lindrooth, R., Tung, G., **Santos, T.**, O'Leary, S. Does Care-Coordination Work in a Managed Fee-for-Service Setting? an Analysis of Colorado's Accountable Care Collaborative. Oral presentation by Richard Lindrooth at the 2016 AcademyHealth Annual Research Meeting, June 2016.

Lindrooth, R. C., G. Tung, **T. Santos**, S. O'Leary and J. Zerzan. Does Care-Coordination Work in a Managed Fee-for-Service Setting? An Analysis of Colorado's Accountable Care Collaborative. Oral presentation by Richard Lindrooth at the 2016 Biennial Conference of the American Society of Health Economists, June 2016.

Tung, G., **Santos, T.**, Hardy, R., O'Leary, S., Lindrooth, R.C. Colorado's Accountable Care Collaborative: Primary Care Medical Provider Care Coordination Approaches and Perspectives. Poster presentation at the 2016 AcademyHealth Annual Research Meeting

SERVICE

Journal Referee: Drug and Alcohol Dependence (2020), Health Economics (2020), INQUIRY: The Journal of Health Care Organization, Provision, and Financing (2018)

Report Reviewer: Federal Reserve Bank of Philadelphia, Community Development and Regional Outreach Department

Abstract Reviewer for American Public Health Association Annual Meeting: Community Health Planning and Policy Development Program (2020)

Invited Lecturer: Patient Protection and Affordable Care Act and Better Care Reconciliation Act. Colorado School of Public Health. Denver, CO, 2017.

Invited Lecturer: Why Haven't We Found a Cure For Cancer? Project Bridge: Science in the News Community Presentation Series. Denver, CO, October 2018. <http://www.projbridge.org/sitn.html>

Invited Lecturer: From Social Ethics to Public Health Ethics. Colorado School of Public Health. Denver, CO, 2018.

Invited Lecturer: Patient Protection and Affordable Care Act and Implications for Health Equity. Colorado School of Public Health. Denver, CO, 2018 and 2019.

Invited Lecturer: Patient Protection and Affordable Care Act and Recent Regulatory Challenges. Colorado School of Public Health. Denver, CO, 2019.

PROFESSIONAL EXPERIENCE

AbbVie / Quintiles, Boston, MA, 02/2012 – 10/2015

New England Regional Leader – Psoriasis and Psoriatic Arthritis Patient Advocacy Program

BBK Worldwide, Location, Newton, MA, 05/2010 - 12/2012

Manager of Market Research/Project Manager

Cambridge Health Alliance, Cambridge, MA, 02/2004- 04/2010

Manager of Community Outreach and Enrollment

Massachusetts Alliance of Portuguese Speakers, Cambridge, MA, 01/2002 – 06/2008

Program Manager: Healthy Mind, Healthy Body

Massachusetts General Hospital and Children's Hospital, Cambridge, MA, 10/1997 – 05/2002

Research Associate

HONORS AND AWARDS

Delta Omega National Honorary Society in Public Health. Elected by the Alpha Upsilon Chapter at the Colorado School of Public Health

University of Colorado President's Diversity Fund for Development and Support (2015)

Boston University School of Public Health Academic Excellence Grandfathered Scholarship (2003-2004)

Suffolk University (1997-2000) Student Government Association: Outstanding Sophomore of the Year

American Chemical Society: Outstanding Student in Organic Chemistry

Suffolk University: Delta Alpha Pi Honor Society "Excellence in Academic Achievement"

Outstanding academic achievement in biochemistry, service, and potential for independent research

Highest Class Honors and Dean's High Honor List; Dean's Scholarship (Academic excellence)

LANGUAGES

English (fluent), Portuguese (fluent), and Spanish (mid-level fluency)