

Alexandra Graddy-Reed

Sol Price School of Public Policy
University of Southern California
Science • Innovation • Philanthropy

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APPOINTMENTS

- 2015-Present Price School of Public Policy, University of Southern California
Associate Professor (with tenure), 2023-present
Assistant Professor, 2015-2023
- 2019-Present Director, MINERVA Lab, Viterbi School of Engineering, University of Southern California
- 2022-Present Research Director, NSF I-Corps Hub West Region
- 2019-2022 Research Director, NSF I-Corps Innovation Node – Los Angeles

EDUCATION

- Ph.D. Public Policy, University of North Carolina, Chapel Hill, 2015
- M.A. Public Policy, University of North Carolina, Chapel Hill, 2014
- B.A. Comparative Public Policy, Hendrix College, 2009

AREAS OF RESEARCH

- Policy implementation & evaluation of the financing of innovation
- Impacts of federal funding and philanthropic grantmaking on research and development (R&D), small business & entrepreneurship, and scientific career paths
- Gender equity and bias in R&D funding and innovation
- Impacts of organizational structure on public good provision and innovation

PEER-REVIEWED PUBLICATIONS

* Denotes student co-author

- (15) **Graddy-Reed, A.** & Lanahan, L. (2022). Prioritizing Diversity? The Allocation of US Federal R&D Funding. *Science & Public Policy*, *scar052*, <https://doi.org/10.1093/scipol/scac052>
- (14) Belz, A., **Graddy-Reed, A.**, Hanewicz, I., & J. Terrile, R. (2022). Gender differences in peer review of innovation. *Strategic Entrepreneurship Journal*, 16(2), 255– 280.
- (13) Giga, A., **Graddy-Reed, A.**, Belz, A., Terrile, R., Zapatero, F. (2021) “Helping the Little Guy: The impact of government awards on small technology firms,” *Journal of Technology Transfer*, *in press online*, 1-26.
- (12) **Graddy-Reed, A.**, Lanahan, L., D’Agostino, J.* (2021). “Training Across the Academy: The Impact of R&D Funding on Graduate Students,” *Research Policy*, 50(5), 1-19.
- (11) **Graddy-Reed, A.**, Feldman, M. P., Bercovitz, J., Langford, W.S.* (2021). “The Distribution of Indirect Cost Recovery in Academic Research,” *Science & Public Policy*, 48(3), 364-386.
- (10) **Graddy-Reed, A.** (2021). “Decisions of Firm Risk and the Role of Organizational Identity,” *Small Business Economics*, 57(1), 1-21; *published online 2019*
- (9) **Graddy-Reed, A.** (2020). “Getting Ahead in the Race for a Cure: How Nonprofits are Financing Biomedical R&D,” *Research Policy*, 49(8), 1-19.

- (8) **Graddy-Reed, A.**, Lanahan, L., & Eyer, J. (2019). “Gender Discrepancies in Publication Productivity of High-Performing Life Science Graduate Students,” *Research Policy*, 48(9), 1-13.
- (7) **Graddy-Reed, A.**, Lanahan, L. and Ross, N.V.* (2018). “The Effect of R&D Investment on Graduate Student Productivity: Evidence from the Life Sciences,” *Journal of Policy Analysis and Management*, 37(4): 809-834.
- (6) **Graddy-Reed, A.** (2018). “Do hybrid firms out-provide traditional business structures? An examination of prosocial behavior in North Carolina firms” *Nonprofit & Voluntary Sector Quarterly*, 47(6), 1223-1248.
- (5) **Graddy-Reed, A.**, Lanahan, L. and Ross, N.V.* (2017). “Influences of Academic Institutional Factors on R&D Funding for Graduate Students” *Science & Public Policy*, 44(6), 834-854.
- (4) Lanahan, L., **Graddy-Reed, A.**, and Feldman, M.P. (2016). “The Domino Effects of Federal Research Funding”. *PLoS ONE*, 11(6), e0157325, 1-23.
- (3) Moulton, J., **Graddy-Reed, A.**, and Lanahan, L. (2016). “Beyond the EITC: The effect of reducing the Earned Income Tax Credit on labor force participation”. *National Tax Journal*, 69(2), 261-284.
- (2) **Graddy-Reed, A.** and Feldman, M.P. (2015). “Stepping Up: An empirical analysis of the use of social innovation in response to an economic recession”. *Cambridge Journal of Regions, Economy, & Society*, 8(2), 293-312.
 - Reprinted in: Estrella, A. (Ed.) (2017). *The Economics of Recession*. Edward Elgar Publishing.
- (1) Feldman, M.P. and **Graddy-Reed, A.** (2014). “Accelerating Commercialization: A new model of strategic foundation funding”. *Journal of Technology Transfer*, 39(4), 503-523; published online 2013

PEER-REVIEWED CONFERENCE PROCEEDINGS

* Denotes student co-author

- (2) Belz, A., **Graddy-Reed, A.**, Shweta, FNU*, Giga, A., Meenakshi Murali, S.* (2023). “Deterministic bibliometric disambiguation challenges in company names,” *17th IEEE International Conference on Semantic Computing (ICSC)*. Laguna Hills, CA, USA, 2023, pp. 239-243, doi: 10.1109/ICSC56153.2023.00047.
- (1) A. Belz, **A. Graddy-Reed**, F. Shweta, A. Giga and S. M. Murali, "Patentopia: A multi-stage patent extraction platform with disambiguation for certain semantic challenges," 2022 IEEE International Conference on Big Data (Big Data), Osaka, Japan, 2022, pp. 3478-3485, doi: 10.1109/BigData55660.2022.10020918.

POLICY REPORTS & BOOK CHAPTERS

* Denotes student co-author

- (4) **Graddy-Reed, A.**, Trembath, D., Mantilla Garcia, E.C.*, and Feldman, M.P. (2018). “The Face of Social Enterprises in North Carolina,” *North Carolina Fourth Sector Resource Project*
- (3) Feldman, M.P. and **Graddy-Reed, A.** (2014). Chapter 3 “Local Champions: Entrepreneurs’ transition to philanthropy and the vibrancy of place” in M.L Taylor, R.J. Strom, and D.O. Renz (eds.) *Handbook of Research on Entrepreneurs’ Engagement in Philanthropy*, Edward Elgar Publishing, UK
- (2) **Graddy-Reed, A.**, Trembath, D., and Feldman, M.P. (2013). “A Report on North Carolina’s Social Innovation: Innovation at Work for Carolina Communities,” *North Carolina Fourth Sector Resource Project*

- (1) Feldman, M.P., **Graddy-Reed, A.**, Lanahan, L., McLaurin, G., Nelson, K., Reamer, A. (2012). “Innovative Data Sources for Regional Economic Analysis,” *Report to the US Department of Commerce*

WORKING PAPERS

* *Denotes student co-author*

- Bercovitz, J., Feldman, M. P., **Graddy-Reed, A.** “Necessary Changes: The Emergence of New Organizational Hybrids”
- Belz, A., **Graddy-Reed, A.**, Zapatero, F. “The Role of Institutional Governance on Early-Stage Financing for University Spinoffs”
- Rodrigues, J., Belz, A., **Graddy-Reed, A.**, Terrile, R. “Geographic Persistence of Federal R&D Funding”
- Feldman, M. P., Bercovitz, J., **Graddy-Reed, A.** “Open Science in the Dark Kinase: Inside-Out Innovation in Drug Discovery”
- Ha, A.*, **Graddy-Reed, A.**, “The Role of Funder Type on the Impacts of Emergency aid to Nonprofits and Social Enterprises”

RESEARCH IN PROGRESS

- Belz, A. & **Graddy-Reed, A.** “Terms of Endearment: Financing terms, risk, and ambiguity aversion in crowd investing”
- Graddy-Reed, A.** “The Shock of Evaluation: Examining the Impact of Efficiency Metrics on Nonprofit’s Reporting & Revenues”
- Graddy-Reed, A.** “Means, Motive, & Strategy: How Nonprofit Structures Operationalize Grantmaking Strategies”

EXTERNAL GRANTS

- 2022-2026 *NSF I-Corps Hub: West Region. Research Director* (PI Dean Yannis Yortsos). National Science Foundation, ENG Industrial Innovation & Partnerships, Cooperative Agreement, Award #2048703; \$15,000,000
- 2019-2023 *Financing the Biomedical Research Enterprise. PI.* (Lead in Collaborative Award with Co-PIs Maryann Feldman & Janet Bercovitz) National Science Foundation & National Institutes of Health SCISIPBIO, Standard Grant, Award #1935023; \$283,700 (\$653,560 total award to three institutions)
- 2019-2022 *Promoting Innovation & Entrepreneurship in the Southern California Region. Research Director.* (PI Dean Yannis Yortsos). National Science Foundation, ENG Industrial Innovation & Partnerships I-Corps Nodes, Cooperative Agreement, Award #1740721; \$4,985,869; *Note: project began in 2017, I joined in 2019*
- 2017-2021 *Emerging Researchers on the Path to Innovation. Co-PI* with Lauren Lanahan. National Science Foundation, SBE Science of Science and Innovation Policy Program, Standard Grant, Award #1661157; \$349,869
- 2015-2016 *Factors Affecting the Emerging Development of Science & Engineering Scholars. Co-PI* with Lauren Lanahan. National Science Foundation, SBE Science of Science and

Innovation Policy Program, Early-Concept Grant for Exploratory Research (EAGER), Award #1548288; \$54,017

2014-2015 *The Private Provision of Public Goods, Classifying American Philanthropy*. **Co-PI**. National Science Foundation, SBE Science of Science and Innovation Policy Program, Doctoral Dissertation Research Grant (DDRIG), Award #1431289; \$12,920

AWARDS, FELLOWSHIPS, & INTERNAL GRANTS

2021 Entrepreneurship Faculty Fellowship, APPAM & Kauffman Foundation, Inaugural Class, *deferred to 2022*

2020 Bronze Research Award, USC Price

2019 Bronze Research Award, USC Price

2018-2020 *National Social Enterprise Survey*. Sol Price Center for Social Innovation Research Grant

2018 Bronze Research Award, USC Price

2017 Dugan Research Award for Philanthropic Impact, Charity Navigator & ARNOVA

2017 Junior Investigator Award, USC Price

2017-2018 *The Shock of Evaluation: Examining the Impact of Efficiency Metrics on Nonprofit's Reporting & Revenues*. Center on Philanthropy & Public Policy Research Grant

2016 Bronze Research Award, USC Price

2015-2017 *An Urban Push for Rural Needs*. Sol Price Center for Social Innovation Research Grant

2014-2015 Dissertation Completion Fellowship, UNC Graduate School

CONFERENCE PRESENTATIONS & INVITED TALKS

[^] Denotes presentation by co-author

2022-2023 Strategic Management Society[^], Association for Public Policy Analysis & Management, IEEE Workshop on Big Data for Financial News and Data[^], IEEE International Conference on Semantic Computing[^], Atlanta Conference[^]

2021-2022 EU-SPRI Conference, Academy of Management[^]

2020-2021 Association for Public Policy Analysis & Management; World Open Innovation Conference[^]; West Coast Nonprofit Data Conference; Open Innovation in Science Research Conference[^]; Wharton Technology and Innovation Conference[^]

2019-2020 Atlanta Conference on Science and Innovation Policy[^]; (Accepted to West Coast Nonprofit Data Conference but cancelled due to COVID)

2018-2019 Academy of Management[^]; Association for Public Policy Analysis & Management; Association for Research on Nonprofit Organizations & Voluntary Action; Charity Navigator; Price Board of Councilors Symposium

2017-2018 Academy of Management; Association for Public Policy Analysis & Management[^]; Association for Research on Nonprofit Organizations & Voluntary Action; Stanford PACS Junior Scholars Forum

2016-2017 Academy of Management; Association for Public Policy Analysis & Management; National Tax Association[^]; Association for Research on Nonprofit Organizations & Voluntary Action

2015-2016 Atlanta Conference on Science and Innovation Policy[^]; Association for Public Policy Analysis & Management

2014-2015 Academy of Management[^]; Association for Public Policy Analysis & Management; Association for Research on Nonprofit Organizations & Voluntary Action; Southern

- Economics Association; Bocconi University; University of Arizona; University of Southern California
- 2013-2014 Association for Public Policy Analysis & Management[^]; Southern Economics Association[^]; University of North Carolina System Social Entrepreneurship Conference; West Coast Nonprofit Data Conference
- 2012-2013 Association for Public Policy Analysis & Management; Policy Studies Organization Dupont Summit Panel

TEACHING & ADVISING

University of Southern California

- Policy Analysis Practicum, PPD 561 (Graduate)
- Social Innovation
 - PPDE 580 (Graduate)
 - PPD 478 (Undergraduate)
- The Nonprofit Sector & Philanthropy, PPD 689 (Graduate)
- The Nonprofit Sector & the Public Interest, PPD 371 (Undergraduate)
 - 2016-2019: *Learning by Giving Foundation partner awarding \$10,000 in grants each semester*
- Post-Doctoral Scholars
 - Jenna Rodrigues, 2022-present
 - Sukwoong Choi, 2020-2021: placement: MIT Sloan School of Management, postdoctoral scholar in CSAIL
- Doctoral Committees
 - Jessenia de Leon (USC Social Work PhD Committee Member), 2021-Present
 - Allison Lowe Reed (UNC Public Policy PhD Committee Member), 2021-Present
 - Meg Goulding (USC Price DPPD Committee Member), 2020-2022: placement Price Center of Social Innovation
- Undergraduate Thesis Advisor
 - Carmen Mascarenhas (public policy), 2021-2022
 - Ao Zhu (economics), 2021
 - Katie Bradley, Kylie Sedgwick, and Nicole Smith (public policy), 2017-2018
 - Emily Moneymaker (public policy) 2016-2017

University of North Carolina, Chapel Hill

- Mathematical Preparation for Public Policy and Economics, PLCY 700 (Doctoral)
- Undergraduate Thesis Reader, Madison Rivers

UNIVERSITY SERVICE

University of Southern California

- Academic Senate Committee on Finances & Enrollment, 2022-Present
- Truman Scholarship Campus Endorsement Committee Member, 2018-2019, 2020-Present
- Human Protection Council Committee, 2021-Present
- Faculty Advisor, Trojan Shelter, 2018-Present
- Joint Provost/Academic Senate Task Force on Course Information, 2020-2021
- Faculty Advisor, Camp Kesem USC Chapter, 2016-2018

Price School of Public Policy, University of Southern California

- Co-Chair, Center on Philanthropy & Public Policy Seminar Series, 2016-Present
- PhD Committee, 2020-Present
- Research Committee, 2016-2018, 2020-2021
- MPP Review Committee, 2020-2021
- Nonprofits & Philanthropy Field Committee, 2015-2019
- Faculty Search Committee, 2017-2018
- Scholarship Committee Reviewer, 2016
- Faculty Search Committee, 2015-2016
- Undergraduate Degree Committee, 2015-2016

Department of Public Policy, University of North Carolina, Chapel Hill

- Graduate Student Representative, Public Policy Faculty Meetings, 2012-2013
- Graduate Student Member, Public Policy Graduate Affairs Committee, 2011-2012

AFFILIATIONS, PROFESSIONAL SERVICE, & ASSOCIATIONS

Affiliate Fellow Positions

- Center on Philanthropy & Public Policy, University of Southern California
- Sol Price Center for Social Innovation, University of Southern California
- Bedrosian Center on Governance and the Public Enterprise, University of Southern California

Professional Associations

- Association for Public Policy Analysis & Management (APPAM)
- Association for Research on Nonprofit Organizations & Voluntary Action (ARNOVA)
 - 2018 Scholarship Committee Member
- Academy of Management (AOM)
- American Economic Association (AEA)

Peer-Review Referee

- *Public Policy & Management Journals*: Journal of Policy Analysis and Management, Strategic Management Journal, Policy Studies Journal, National Tax Journal
- *Nonprofit Field Journals*: Nonprofit and Voluntary Sector Quarterly, Voluntus, Nonprofit Management & Leadership
- *Science & Innovation Field Journals*: Research Policy, Science & Public Policy, Journal of Technology Transfer, Small Business Economics, Business History Review
- *Grants*: National Science Foundation (SBE SciSIP, SoS:DCI), Sloan Foundation, Price Center for Social Innovation

Press Interviews & Contributions

- Nature, European Molecular Biology Reports, Managed Care, WIRED, SSIR, Yahoo Finance, USA Today Network, Cal Matters

Competition Judge & Reviewer

- USC Social Venture Coaching Competition, 2021-present (Reviewer)
- USC Hult Prize, 2016 (Judge)
- Price Nonprofit Case Challenge, 2016 (Judge)