

JACOB S. BOWER-BIR

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EDUCATION

PhD, Joint program in Public Policy and Political Science, Indiana University 2007–2014
Dissertation: “The Moral Originals of Economic Inequality & Our Policy Responses to It”
Mentor: Elinor Ostrom (passed prior to defense) | Committee chair: Edward Carmines
Qualifying Exams: American Politics, Public Policy, Public Management

M.Arch, J. Irwin Miller Architecture Program, Indiana University 2018–2021
Capstone: “Cooperative, Indeterminate Design of a Democratic Plaza”

BA, Political Science, History, Economics, and Near Eastern Studies, Indiana University 2004–2007
Honors Thesis: “Charter Schools and Their Effect on Traditional Public Education”

ACADEMIC APPOINTMENTS

Assistant Professor

American University in Cairo, School of Global Affairs & Policy 2016–2018

Lecturer

Massachusetts Institute of Technology (MIT), Political Science Department 2015
Boston University, Metropolitan College, Prison Education Program 2016

Fellow

Ostrom Fellow, Indiana University, Workshop in Political Theory and Policy Analysis 2007–2008
Political Economy in Democratic Sustainability, Indiana Univ., Political Science Dept. 2009–2011

Adjunct Faculty

Indiana University, O’Neil School of Public and Environmental Affairs 2015–2022
Indiana University, Hamilton Lugar School of Global and International Studies 2021–2022

Affiliated Faculty

Indiana University, Ostrom Workshop in Political Theory & Policy 2015–Pres

PUBLICATIONS AND WORKING PAPERS

“Desert and Redistribution: Justice as a Remedy for, and Cause of, Inequality.” **Policy Studies Journal**, 2021. (DOI: 10.1111/psj.12439)

“Too Different to Solve Climate Change? Experimental Evidence on the Effects of Production and Benefit Heterogeneity on Collective Action.” **Ecological Economics**, 184:1–16. With Ursula Kreitmair. 2021. (DOI: 10.1016/j.ecolecon.2021.106998)

“Earning Our Place, More or Less: Responsibility’s Flexible Relationship with Desert.” **Economia Politica**, 38:131–170. 2020. (DOI: 10.1007/s40888-020-00201-9)

“Redistribution Preferences and Low Socio-Economic Status.” In Todd K. Shackelford and Viviana A. Weekes- Shackelford (eds.), *Encyclopedia of Evolutionary Psychological Science*, Springer. 2017. (DOI: 10.1007/978-3-319-16999-6_1702-1)

"Externalities." In Todd K. Shackelford and Viviana A. Weekes-Shackelford (eds.), *Encyclopedia of Evolutionary Psychological Science*, Springer. With Ursula Kreitmair. 2017. (DOI: 10.1007/978-3-319-16999-6_1597-1)

"Estimating State and Sub-State Economic Effects of a Carbon Dioxide Tax Policy: An Application of a New Multi-Region Energy-Economy Econometric Model." **Regional Science, Policy and Practice**, 7(3):119–139. With Sanya Carley, Kenneth Richards, Barry Rubin, David Warren, and Zach Wendling. 2015. (DOI: 10.1111/rsp3.12060)

"Predicting Majority Rule Outcomes: A Critical Test between the Uncovered Set and the Strong Point." **Journal of Theoretical Politics**, 27(4):650–672. With William Bianco, Nicholas D'Amico, Christopher Kam, Itai Sened, and Regina Smyth. 2014. (DOI: 10.1177/0951629814562289)

"Parallels and Promising Directions in the Study of Genetic, Cultural, and Moral Evolution." In Wolfgang Banzhaf (ed.), *Evolution in Action—Past, Present and Future*, Springer. With Rohan Maddamsetti. Working Paper.

"Desert as an Emergent Norm: Unifying Many Justices under the Institutional Grammar." Revise and resubmit.

"Desert as Motivation for Voluntary Redistribution: Evidence from Endowment Experiments." Working paper.

PROFESSIONAL APPOINTMENTS (selected)

Consulting

Senior Consultant – GK Consulting, LLC 2014–Pres
Freelance Consultant – project-by-project basis detailed below 2014–Pres

Design

Founding Designer & Advisor – Terran Robotics 2020–Pres
Founding Member-Owner & Designer – Design Anarchy Co-operative 2021–Pres

RESEARCH & INTERNATIONAL DEVELOPMENT (selected)

Quantitative Specialist, Technical Advisor 12/2018–02/2019
ATR Consulting for UNICEF/**Afghanistan**, Polio Programme Field Monitoring
Monitoring and Evaluation Quantitative Lead and Peer Reviewer 04/2018–11/2018
Cecchi Consulting for USAID/**Afghanistan**, Electricity and Poverty Baseline
Quantitative Lead 04/2018–06/2018
Cecchi Consulting for USAID/**Afghanistan**, "Passage to Prosperity" trade prog.
Social Science Reviewer and Contributor, by contract 01/2008–12/2017
W.W. Norton & Company, Inc.
Quantitative Lead, Senior Field Researcher 03/2015–08/2015
GK Consulting for UN Women/**Papua New Guinea**, Safe Cities Programme
Governance Specialist, Quantitative Lead, Field Coordinator 12/2014–03/2015
GK Consulting for UN Women/**Liberia**, Peace Building Fund & Ebola Project
Monitoring and Evaluation Senior Technical Advisor 11/2014–01/2015
The Khana Group for UK DFID/**Nigeria**, Girls' Education Challenge
Research Associate 05/2009–08/2009
Liberia Governance Commission, Constitution Reform and Local Governance
Research Associate 01/2008–05/2008

Center for Constitutional Democracy in Plural Societies, **Burma** Committee
Research Assistant
Liberia Collection Project, Land Tenure Reform and Int'l Criminal Court

05/2007–08/2008

CONFERENCE PRESENTATIONS

Midwest Political Science Association annual meeting	
"Do Americans (Think They) Get What They Deserve?"	2020
"Proportionality and Socio-economic Desert"	2020
"Desert and Redistribution: Justice as a Remedy for and Cause of Inequality"	2018
"Earning Our Place? Responsibility's Uncertain Relationship with Desert"	2018
"Desert and Voluntary Redistribution"	2014
"Hail the Meritocrat: Faith and Fairness in the American Economy"	2013
"Heuristics and Sophistication in the Voting Booth"	2012
"Voting: See It Now in Two Dimensions"	2011
American Political Science Association annual meeting	
"The Role of Morality in Economic Redistribution"	2014
"Heuristics and Sophistication in the Voting Booth"	2012
Assoc. for Public Policy and Management annual meeting	
"IN-SEEM: The Substate Effect of Carbon Dioxide Taxes"	2014
Assoc. for the Advancement of Sustainability in Higher Education annual meeting	
"Constitutional Structure in Sustainable Collaborations"	2010
Workshop in Political Theory and Public Policy bi-annual conference	
"What We Deserve: Economic Justice and Redistribution"	2014
"Constitutions and Education: Building and Burning Bridges in Burma"	2008
"Choosing Your Public: A Look at Charter Schools and Exclusion"	2007
Jordan River Economic Conference	
"When Schools Compete"	2007

INVITED TALKS

University of Southern Indiana et al., Social Alchemy Symposium	2022
Syracuse University, Institutional Grammar Research Initiative	2021
Arizona State University, International Association for the Study of the Commons	2020
Leiden University, Political Science Department	2017
John Cabot University, Political Science and International Affairs Department	2016
American University of Beirut, Department of Political Studies and Public Administration	2016
University of Connecticut, Political Economy Workshop	2015

TEACHING EXPERIENCE (selected)

Massachusetts Institute of Technology (MIT)

Political Science Dept. & Dept. of Urban Studies and Planning
▷ Making Public Policy (11.002J / 17.30J)

FA15

American University in Cairo

School of Global Affairs and Public Policy

▷ Role of Government in a Market-Oriented Economy (PPAD5232)	SP17, FA17
▷ Core Concepts in Social and Environ. Policy (PPAD5132)	FA17
▷ Master of Global Affairs Thesis Seminar (PPAD5293)	FA17
▷ Applied Quantitative Analysis (PPAD5212)	SP17
▷ Introduction to Political Economies of the Near East (PPAD5199)	SP17
▷ Policy Analysis and Program Evaluation (PPAD5202)	FA16
▷ Master of Public Policy Thesis Seminar (PPAD5298)	FA16
Boston University	
Metropolitan College & Prisoner Education Program	
▷ Politics and Philosophy: Theories of Justice (PH155)	SP16
Indiana University	
O'Neil School of Public and Environmental Affairs	
▷ Statistical Analysis for Effective Decision-making (V506)	SP13
▷ Management of Public Problems and Solutions (V185)	SP21
▷ Ethics and Morality in Public Affairs (V450/V550)	SP22
Hamilton Luger School of Global and International Studies	
▷ Introduction to International Relations (I100)	FA20, SU21
▷ Practicum in International Policy Analysis (I500)	SP22
Department of Political Science	
▷ Introduction to American Politics (Y103)	SP09, SP12
▷ The American Presidency (Y318)	SP11
▷ The Politics of Sustainability (Y200)	FA10, FA11
▷ Analyzing Politics (Y205)	SP10
▷ The Holocaust and Politics (Y352)	FA09
▷ Politics of Gender and Sexuality (Y353)	FA08
Department of Economics	
▷ Introduction to Microeconomics (E201)	FA05–SP07

TEACHING EXPERIENCE

Graduate Courses

American University in Cairo, School of Global Affairs and Public Policy	
Role of Government in a Market-Oriented Economy (PPAD5232)	SP17, FA17
Core Concepts in Social and Environ. Policy (PPAD5132)	FA17
Master of Global Affairs Thesis Seminar (PPAD5293)	FA17
Applied Quantitative Analysis (PPAD5212)	SP17
Introduction to Political Economies of the Near East (PPAD5199)	SP17
Policy Analysis and Program Evaluation (PPAD5202)	FA16
Master of Public Policy Thesis Seminar (PPAD5298)	FA16
Indiana University, Hamilton Luger School of Global and International Studies	
Practicum in International Policy Analysis (I500)	SP22
Indiana University, O'Neil School of Public and Environmental Affairs	
Ethics and Morality in Public Affairs (V450/V550)	SP22
IUPUI, School of Public and Environmental Affairs	
Statistical Analysis for Effective Decision-making (V506)	SP13

Undergraduate Courses

Boston University, Metropolitan College & Prisoner Education Program	
Politics and Philosophy: Theories of Justice (PH155)	SP16
Indiana University, Department of Political Science	
Introduction to American Politics (Y103)	SP09, SP12

The American Presidency (Y318)	SP11
The Politics of Sustainability (Y200)	FA10, FA11
Analyzing Politics (Y205)	SP10
The Holocaust and Politics (Y352)	FA09
Politics of Gender and Sexuality (Y353)	FA08
Indiana University, Department of Economics	
Introduction to Microeconomics (E201)	FA05–SP07
Indiana University, Hamilton Luger School of Global and International Studies	
Introduction to International Relations (I100)	FA20, SU21
Indiana University, O’Neil School of Public and Environmental Affairs	
Management of Public Problems and Solutions (VI85)	SP21
MIT, Political Science & Department of Urban Studies and Planning	
Making Public Policy (11.002J / 17.30J)	FA15

CERTIFICATIONS

Johns Hopkins University on Coursera	
▷ Reproducible Research; ▷ Exploratory Data Analysis	2017
▷ Getting and Cleaning Data; ▷ R Programming; ▷ Data Scientist’s Toolbox	2016
Interuniversity Consortium for Political and Social Research (ICPSR)	
▷ Maximum Likelihood Estimation for GLMs; ▷ Rational Choice Theories	2009

CERTIFICATIONS (selected)

International House, Cairo International Language Institute	
CEFR level B1 – Egyptian Colloquial Arabic	2018
Johns Hopkins University on Coursera	
Reproducible Research; Exploratory Data Analysis	2017
Getting and Cleaning Data; R Programming; Data Scientist’s Toolbox	2016
Interuniversity Consortium for Political and Social Research (ICPSR)	
Maximum Likelihood Estimation for GLMs; Rational Choice Theories	2009

AWARDS, GRANTS, AND FELLOWSHIPS

Co-author and Senior Personnel, NSF SBIR PHASE I (No. 2016502)	2020–2022
Founding Scholar Fellow, J. Irwin Miller Architecture Program	2017–2021
Merit Award for Leadership, J. Irwin Miller Architecture Program	2018–2019
John H. Edwards Fellowship, Indiana University Graduate School	2013–2014
Social Science Research Commons Research Grant, Indiana University	2013–2014
Sustainability Development Research Grant, Indiana Univ. Office of Sustainability	2013–2014
Ostrom Research Grant, Workshop in Political Theory and Policy Analysis	2013–2014
Katharine C. Greenough Fellowship, Indiana University Dept. of Political Science	2011–2014
Graduate Student Leadership Award, Indiana University Dept. of Political Science	2009, 2012
Political Economy in Democratic Sustainability Fellowship, PEDS NSF Grant	2009–2011

Sustainability Course Development Fellowship, Indiana Univ. Office of Sustainability	2010–2011
International Enhancement Grant, Indiana Univ. Vice President for Int'l Affairs	2009
Ostrom Fellow, Workshop in Political Theory and Policy Analysis	2007–2008
James E. Moffat Scholarship Recognition Award, Indiana Univ. Dept. of Economics	2007
Stephen R. Patton Scholarship Award, Indiana University Dept. of Political Science	2007
Jacob and Lucy Listenfelt Scholarship Award, Indiana University Dept. of History	2006
Senior Thesis Research Grant, Indiana University Hutton Honors College	2006
Indiana Scholars Award, Indiana University	2006
Indiana Residence Freese Scholarship, Indiana University	2006
Indianapolis Children's Museum Guild Scholarship	2004

PROFESSIONAL SERVICE

Reviewer, Political Research Quarterly	2023–Pres
Reviewer, Policy Studies Journal	2020–Pres
Committee Member, The Architecture Lobby, Cooperative Working Group	2020–Pres
Reviewer, Time-Sharing Experiments for the Social Sciences (TESS)	2019
PPAD application, Int'l Commiss. on Accreditation of Public Admin. (ICAPA)	2016–2017
PPAD application, European Assoc. for Public Admin. Accreditation (EAPAA)	2016–2017
Reviewer, Political Behavior	2014
Co-President & Public Policy Chair, IU Political Science Graduate Student Assoc.	2009–2012
Coordinator, IU History and Philosophy of Science Working Group	2009–2012

PUBLIC SERVICE

Advisory Board, Count US INdiana	2020–2022
Special Advisor, Marion County Democratic Party	2018–2020
Executive Committee, Fountain Square Neighborhood Association	2018–2019
Member, Fossil Free MIT	2015
Member, IU Parking Operations and Monetization Committee	2012–2014
Executive Committee, IU Campus Sustainability Advisory Board	2010–2014
Member, IU Transportation Policy Advisory Committee	2010–2014
Sustainability Officer, IU Graduate and Professional Student Organization	2011–2013
Member, IU Student Transportation Board	2009–2012
Member, Bloomington Campus Bicycle Steering Committee	2012
Installation Volunteer, American Exhibition at la Biennale di Venezia	2011
Logistics Director, IU Student Sustainability Council	2011
Co-Chair, Remuneration & Union Cmte., IU Grad. and Professional Student Org.	2007–2011
Advisory Director, IU Student Sustainability Council	2010
Member, Bloomington Campus Traffic Safety Taskforce	2010

Big Brother, Big Brothers Big Sisters of South Central Indiana
Volunteer, Saint Thomas Aquinas Food Pantry
Volunteer, The Children's Museum of Indianapolis

2004–2009
2000–2004
1997–2004