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GREGORY CASEY

Current Positions:

Assistant Professor, Department of Economics, Williams College, 2018 – Present
Visiting Scholar, Department of Economics, UC Santa Barbara, 2022 – Present
CESifo Research Affiliate (Energy and Climate Economics), 2019 – Present

Previous Positions:

Visiting Scholar, Federal Reserve Bank of San Francisco, Fall 2022
Visiting Research Scholar, Institute for Social and Economic Research, Osaka University, June 2019

Doctoral Studies:

Brown University, Ph.D. in Economics, 2012 – 2018
Dissertation: “Essays in Economic Growth”

Pre-Doctoral Studies:

M.S., Economic Development Policy, Sir Arthur Lewis Institute for Social and Economic Studies (SALISES), University of the West Indies (UWI), Mona, Jamaica, 2010
B.A., Economics and Mathematics, Hamilton College, Clinton, NY, 2009

Fields: Economic Growth, Environmental Macroeconomics

Teaching Experience:

Primary Instructor

2022—Present	Macroeconomics, Williams College
2018 – Present	Sustainable Economic Growth, Williams College
2018 – Present	Topics in Macroeconomics, Williams College
2019 – 2021	Principles of Macroeconomics, Williams College
2014 – 2016	Intermediate Macroeconomics, Brown University

Supervisor

Dalton Yu (thesis, Spring 2022); Ashwin Dasgupta (independent study, Spring 2020); Sebastian Gomez del Campo (thesis exploration, Winter 2020); Jianing Tu (thesis exploration, Winter 2019)

Other Activities

2015 – 2016	Teaching Consultant, Sheridan Center for Teaching and Learning, Brown University
2014 – 2015	Participant, Reflective Teaching Certificate Program, Sheridan Center for Teaching and Learning, Brown University

Seminars, Presentations, and Panel Discussions:

- 2023 AEA (Panelist for “Climate Change, Economic Inequality, and Economic Growth in the US”)
- 2022 IMF Conference on Transformational Crises, Federal Reserve Board of Governors, Occasional Environmental Economics Workshop (UCSB), Society for Economic Dynamics, UCSB, U Arizona, Washington Center for Equitable Growth, Williams College
- 2021 AEA (AERE Sessions), STEG-CEPR Annual Conference, Society for Economic Dynamics, Western Economic Association, World Congress of the International Economic Association
- 2020 Liberal Arts Macro, Sustainable Resource Use and Economic Dynamics
- 2019 CESifo (Energy and Climate Economics), Midwest Macroeconomics Spring Meeting, North American Winter Meeting of the Econometric Society, Society for Economic Dynamics, Workshop on Economic Dynamics, Kobe University, Lehigh University, Osaka University, Williams College
- 2018 Society for Economic Dynamics, Sustainable Resource Use and Economic Dynamics, North American Summer Meeting of the Econometric Society, Liberal Arts Macro Workshop (presenter and discussant), Amherst College, Brown University Growth Breakfast, Darden Business School, Hamilton College, Institute for International Economic Studies, SUNY Albany, University of Copenhagen, University of Warwick, Williams College
- 2017 Summer Meeting of the Association of Environmental and Resource Economists (AERE), Annual Meeting of the Agricultural and Applied Economics Association (AAEA), Annual Meeting of the Northeast Agricultural and Resource Economics Association (NAREA), Southern Economic Association (SEA), Brown University Macroeconomics Seminar, Brown University Macro Lunch (x2), Brown University Growth Breakfast
- 2016 & Earlier NEUDC (presenter and discussant), Zeuthen Conference (University of Copenhagen), Hamilton College, Brown University Macro Lunch (x3)

Professional Activities and Service:

- Journal Referee B.E. Journal of Macroeconomics, Canadian Journal of Economics, Economic Inquiry (x3), Energy Economics (x2), Environmental Research Letters (x3), European Economic Review, German Economic Review, Human Ecology, International Economic Review, International Journal of Biometeorology, Journal of the Association of Environmental and Resource Economists (x3), Journal of Economic Behavior and Organization, Journal of Economic Growth (>20), Journal of Environmental Economics and Management, Journal of Population Economics (x2), Journal of Public Economics, Language and Communication, Letters in Spatial and Resource Sciences, Macroeconomic Dynamics, Marine Resource Economics, Mathematical Social Sciences, PLOS

	One, Political Research Quarterly, Population and Environment, Regional Science and Urban Economics, Resource and Energy Economics, Review of Economic Dynamics (x3), Review of Economic Studies, Review of World Economics, Scandinavian Journal of Economics, Scottish Journal of Political Economy, Sustainability
Other Referee	Washington Center for Equitable Growth, Osaka University (Moriguchi Prize)
Williams College	Macroeconomics Placement Coordinator, Economics Department, 2020–2022
	Unofficial ‘Happiness Czar’, Economics Department, Williams College, Spring 2020
	College and Community Advisory Committee, 2019–2020
	Recruiting, assisted in reviewing applications and preparing requests for CAP, Economics Department, 2018-present
	Graduate School Advisor, Economics Department, 2018–2019
Brown University	University President’s Task Force on Climate Change and Business and Investment Practices, Brown University, 2017-2018
	Brown University Macro Lunch, organizer, 2014

Honors, Fellowships, and Grants:

2023	Innovative Research in the Economics of Climate Change Award, IZA
2021	STEG-CEPR Small Research Grant (£11,529, with Stephie Fried and Matthew Gibson)
2021	Washington Center for Equitable Growth Research Grant (\$32,065, with Stephie Fried and Matthew Gibson)
2018	George Borts’ Prize for best economics dissertation, Brown U.
2017–18	Interdisciplinary Opportunity Fellowship, Watson Institute for International and Public Affairs, Brown U.
2015–18	Student Affiliate, Institute at Brown for Environment and Society, Brown U.
2014–18	Student Fellow, Spatial Studies in the Social Sciences, Brown U.
Spring 2016	Graduate Student Teaching Award, Brown U.
Fall 2015	Graduate Student Teaching Fellowship, Brown U.
Spring 2015	Freiburg Fellowship in International Economics and Finance, Brown U.
Spring 2015	Graduate Student Teaching Award, Brown U.
Spring 2015	Third Year Paper passed with Distinction, Brown U.
Fall 2014	Graduate Student Teaching Fellowship, Brown U.
Spring 2014	Field Exams passed with Distinction, Brown U.
Fall 2010	Most Outstanding Overall M.S. Student, SALISES, UWI
Fall 2010	Most Outstanding M.S. Thesis, SALISES, UWI

Fall 2010 Most Outstanding M.S. Student in Economic Development Policy, SALISES,
UWI
2009 – 2010 Fulbright Scholarship to Jamaica, USA State Department

Publications:

“Energy Efficiency and Directed Technical Change: Implications for Climate Change Mitigation,”
Review of Economic Studies (forthcoming)

“Population and Energy Consumption/Carbon Emissions: What We Know, What We Should
Focus on Next,” *International Handbook on Population and Environment*, Springer Nature
(2022). (with Brant Liddle)

“Historical Instruments and Contemporary Endogenous Regressors,” *Journal of Development
Economics* (2021): 102586. (with Marc Klemp)

“The Impact of Climate Change on Fertility,” *Environmental Research Letters* (2019) 14: 054007.
(designated lead author, with Soheil Shayegh, Juan Moreno-Cruz, Martin Bunzl, Oded Galor, and
Ken Caldeira)

“Is faster economic growth compatible with reductions in carbon emissions? The role of
diminished population growth,” *Environmental Research Letters* (2017) 12: 014003. (with Oded
Galor)

“Inequality and Fractionalization,” *World Development* (2014) 56: 32-50. (with Ann Owen)

“Good News, Bad News and Consumer Confidence,” *Social Science Quarterly* (2013) 94: 292-
315. (with Ann Owen)

Working Papers:

“A Generalized Uzawa Growth Theorem and Capital-Augmenting Technical Change ” (with Ryo
Horii), revise and resubmit at *JPE Macro*

“Understanding Climate Damages: Consumption versus Investment” (with Stephie Fried and
Matthew Gibson)

“Projecting the impacts of temperature change: The role of macroeconomic dynamics” (with
Stephie Fried and Ethan Goode),), revise and resubmit at *IMF Economic Review*