

RICHARD “DREW” MARCANTONIO

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EDUCATION

- 2021 **Ph.D. *International Peace Studies***, Kroc Institute for International Peace Studies, joint program with Department of Anthropology, University of Notre Dame.
Graduate Certificate in Environment and Society.
- 2018 **M.A. *Anthropology***, University of Notre Dame.
- 2016 **M.P.A. *Environmental Management and Policy***, Indiana University School of Public and Environmental Affairs.
- 2009 **B.A. *Geography and the Environment***, University of Texas at Austin.

ACADEMIC POSITIONS

- University of Notre Dame
- 2024 – present **Assistant Professor of Environment, Peace, and Global Affairs**, Kroc Institute for International Peace Studies, Keough School of Global Affairs.
Assistant Professor (concurrent), Business Ethics and Society Program and Meyer Business on the Frontlines Program, Mendoza College of Business
Faculty Fellow, Environmental Change Initiative, Kellogg Institute for International Studies, Keough-Naughton Institute for Irish Studies, Lucy Institute for Data and Society, and Deloitte Center for Ethical Leadership
- 2022 – 2024 **Assistant Teaching Professor**, Department of Management and Organization, Meyer Business on the Frontlines Program, Mendoza College of Business
- 2021 – 2022 **Research and Teaching Scholar**, Keough School of Global Affairs and Mendoza College of Business
- Università degli Studi di Milano (University of Milan)
- 2021 – present **Visiting Assistant Professor**, Program on International and Public Law, Ethics, and Economics for Sustainable Development, School of Law

OTHER PROFESSIONAL EMPLOYMENT

- 2017 – 2023 **Team Rubicon, International Medical Team Leader**
-Medical Team Leader for a response team comprised of emergency medicine physicians, nurse practitioners, nurses, paramedics, and a communications specialist
- 2009 – 2013 **Commissioned Officer in the United States Marine Corps**
-Captain, Company Commander Hotel Company, 2nd Battalion, 5th Marine Regiment
-1st Lieutenant, Foreign Forces Advisor in Musa Qaleh, Afghanistan
-2nd Lieutenant, Infantry Office Course (Honor Grad) and Platoon Commander at 1st Battalion 5th Marine Regiment in Sangin, Afghanistan

PUBLICATIONS

BOOKS

2. Marcantonio, R. (In press; 2026) [*The Environment in Conflict: Implications and pathways.*](#)

Cambridge University Press.

1. Marcantonio, R. (2022) [*Environmental Violence: In the Earth System and the Human Niche.*](#)

Cambridge University Press.

**Won the International Science Prize for Peace and Ecology in the Anthropocene awarded by the Hans Gunter Brauch Foundation

In preparation

Marcantonio, R. (In production). The Case(s) for Regenerative Environmental Peacebuilding. Proposal approved for final syndicate review and contracting at Cambridge University Press.

EDITED VOLUMES

2. Marcantonio, R., Adams, E., and Katongole, E. eds. (In press; 2026). *Integral Ecology in the Anthropocene.* Springer Nature.

1. Marcantonio, R., Fuentes, A., and Lederach, J.P. eds. (2024) [*Exploring Environmental Violence: Perspectives, experience, expression, and engagement.*](#) Cambridge University Press.

In preparation

Marcantonio, R., Dabelko, G. and Sikorski, E. (In production). The Evolving Role of Militaries in Environmental Security Activities and Impacts. Proposal invited by Routledge and Cambridge University Press.

TEXTBOOKS

1. Lame, M. and Marcantonio R. (2022) [*Environmental Management: Concepts and Practical Skills.*](#) Cambridge University Press.

PEER-REVIEWED JOURNAL ARTICLES

Undergraduate** and graduate* mentee co-authors underlined

27. Marcantonio, R., **Pena, G. and **Gibson, L. 2026. [*A Systematic Literature Review of the Inclusion of the Environment in Peace Agreements.*](#) *Journal of Peacebuilding and Development.*

26. Zhao, Z.*, Marcantonio, R., and Crippa, P., 2025. [Quantifying responsibility for cross-state air pollution: an airshed approach](#). *Environmental Research Letters*. 20(12), 124063.
25. Marcantonio, R. and Field, S. 2025. [Environmental vulnerability and conflict occurrence are tightly related](#). *Nature Communications Earth and Environment*. 6(1), 1-10.
24. Marcantonio, R. 2024. [The Glaring Gaps: Environmental Violence and Peace Research and Practice](#). *Peacebuilding*. 13(2), 145-167.
23. Marcantonio, R. 2024. [Environmental Violence and Enterprise: The outsized role of business for environmental peacebuilding](#). *Business Horizons*. 67(6), 685-698.
22. *Underwood, A., Marcantonio, R., and Crippa, P. 2024. [Transboundary air pollution modeling, policy, and management](#). *Environmental Management*. 74, 401–413
21. Marcantonio, R., & Fuentes, A. 2023. [Environmental violence: A tool for planetary health research](#). *The Lancet Planetary Health*, 7(10), e859–e867.
20. Ross, A., Marcantonio, R., Mack, E., Bunting, E., Zimmer, A., and Miller-Graff, L. 2023. [A Mediation Analysis of the Linkages Between Climate Variability, Water Insecurity, and Interpersonal Violence](#). *Climate and Development*. 16(2), 134–148.
19. Bolten, C. and Marcantonio, R. 2023. [Usurious strangers and “a better tomorrow”: Agricultural loans, education, and the “poverty trap” in rural Sierra Leone](#). *Economic Anthropology*. 10(1), 77-89.
18. Marcantonio, R. 2022. [Toxic Diplomacy Through Environmental Management: A Necessary Next Step for Environmental Peacebuilding](#). *World Development Perspectives*, 28, Article 100471
17. Mack, E. A., Marcantonio, R., Bunting, E., Ross, A., Zimmer, A., Zulu, L. C., Fernández, E. L. G., Herndon, J., & Henebry, G. M. 2022. [A Systematic Literature Review of Quantitative Studies Assessing the Relationship between Water and Conflict on the African Continent](#). *Sustainability*, 14(22), Article 22
16. Hook, K. and Marcantonio, R. 2022. [Environmental Dimensions of Conflict and Paralyzed Responses: The Ongoing Case of Ukraine and Future Implications for Urban Warfare](#). *Small Wars and Insurgencies*.
15. Marcantonio, R., Fields, S., Javeline, D., and Fuentes, A. 2021. [Global distribution and coincidence of pollution, climate impacts, and health risk in the Anthropocene](#). *PLOS ONE*. Vol. 16 (7) e0254060
14. Pearson, A. L., Mack, E. A., Ross, A., Marcantonio, R., *Zimmer, A., Bunting, E., Smith, A. C., Miller, J. D., and Evans, T. 2021. [Interpersonal conflict over water is associated with household demographics, domains of water insecurity and broader conflict: Evidence from 9 sites across 8 Sub-Saharan African countries](#). *Water*. Vol. 13 (9) p. 1150

13. Bolten, C. and **Marcantonio**, R. A. 2021. [The Paradox of Planning: Agriculture, Schooling, and the Unresolved Uncertainty of Ideal Family Size in Rural Sierra Leone](#). *African Studies Review*. Vol. 64 (2) p. 390-411
12. Bunting, E., **Marcantonio**, R., Herndon, J., Mack, E., Ross, A., and Zimmer, A. 2021. [Conflict and its Relationship to Climate Variability in Sub-Saharan Africa](#). *Science of the Total Environment*. Vol. 775 p. 145646
11. **Marcantonio**, R.A., Field, S., Bai Sesay, P. and Lamberti, G. 2021. [Identifying Human Health Risk from Precious Metal Mining in Sierra Leone](#). *Regional Environmental Change*. Vol. 21 (2) p. 1-12
10. **Marcantonio**, R. A., Field, S. and Regan, P. M. 2020. [Toxicity Travels in a Changing Climate](#). *Environmental Science and Policy*. Vol. 114 p. 560-569. (In Special Issue: The Socio-Political Dimensions of Climate Mitigation and Adaptation (In)Action)
9. **Marcantonio**, R. and Hook, K. 2020. [The Environment in Warfare-Related Policy Making: The case of Ukraine](#). *Small Wars Journal*.
8. **Marcantonio**, R. A. and Fuentes, A. 2020. [A Clear Past and a Murky Future: Life in the Anthropocene on the Pampana River, Sierra Leone](#). *Land*. Vol. 9 (3) p. e72.
7. **Marcantonio**, R. A., Field, S. and Regan, P. M. 2019. [Toxic Trajectories Under Future Climate Conditions](#). *PLOS ONE*. Vol. 14 (12) p. e0226958.
6. **Marcantonio**, R. A. 2019. [Water, Anxiety, and the Human Niche: A Study in Southern Province, Zambia](#). *Climate and Development*. Vol. 11 (4) p. 1-13
5. **Marcantonio**, R. A. and Bolten, C. 2019. [Farmers Facing Climate Change in Southern Zambia](#). *Journal of Transdisciplinary Peace Praxis*. Vol. 1 (1) p. 61-84.
4. **Marcantonio**, R. A. 2018. [Water Insecurity, Illness and Other factors of Everyday Life: A Case Study from Choma District, Southern Province, Zambia](#). *Water SA*. Vol. 44 (4) p. 653-663
3. **Marcantonio**, R. A., Attari, S. Z., and Evans, T. 2018. [Farmer Perceptions of Conflict Related to Water in Zambia](#). *Sustainability*. Vol. 10 (2) p. 313-331.
2. **Marcantonio**, Richard. 2017. [Peace, Conflict, and Happiness](#). *International Journal on World Peace*. Vol. 24 (2) p. 77-100.
1. **Marcantonio**, R. 2016. [The Okavango River Basin Agreement: An Analysis](#). *African Geographical Review*. Vol. 35 (3) p. 227-246

Peer-reviewed articles under review

Cabanillas, F., Ascorra, C., Bolster, D. and **Marcantonio, R.** Revised and resubmitted. Regenerative Adaptation for Peacebuilding: an emergent response to polycrisis. *Proceedings of the National Academy of Science*.

Marcantonio, R., *Moraglia, G., and Crippa, P. Under review. Peace, Conflict, and Sustainability: What does fifty-five years of evidence indicate? *Nature Communications*.

*Zhao, Z., **Marcantonio, R.**, and Crippa, P., Submitted for review. An airshed approach for global meg-cities. *Nature Cities*.

Peer-reviewed articles in preparation

Marcantonio, R., Menicali, L., and Castruccio, S. In preparation. Detecting Potential Seasonality at the Peace-Sustainability Nexus Using Machine Learning. Target: *Proceedings of the National Academy of Science*.

Marcantonio R., Agrawal, A., Fisher, J. and Simangan, D. In preparation. Special Issue - Pursuing Peace Sustainably: Evidence, Pathways, and Pitfalls. Co-Editors for Special Issue in *Proceedings of the National Academy of Sciences*.

Marcantonio, R., Liang, Z. and Castruccio, S. In preparation. The Effect of Peace on Sustainability and Sustainability on Peace. Target: *Nature Sustainability*.

Marcantonio, R., and Kielhold, A. In preparation. Environmental Peacebuilding and Its Inclusion in Intrastate Peace Accords: Colombia and Beyond. Target: *Environment and Security*.

Marcantonio, R., *Thompson, A., Ssembajja, A., Katongole, E., and Miller, D. In preparation. Faith and Farming: A case study of integral ecology for sustainable development. Target: *Ecology and Society*.

*Baron, E., **Farrell, C., **Schachle, Q., and **Marcantonio R.** In preparation. Faith and Environmental Peacebuilding: A systematic review. Target: *World Development*.

PEER-REVIEWED BOOK CHAPTERS OR SECTIONS

4. Marcantonio, R. In press. Environmental Violence. In Dabelko, G. and Weinthal, E. Eds. Handbook for Environmental Peacebuilding. *Routledge*.

3. Marcantonio, R. In press. Environmental Degradation. In Dabelko, G. and Weinthal, E. Eds. Handbook for Environmental Peacebuilding. *Routledge*.

2. Marcantonio, R. In press. Ecological Distribution Conflicts. In Dabelko, G. and Weinthal, E. Eds. Handbook for Environmental Peacebuilding. *Routledge*.

1. Marcantonio, R. and Miklian, K. In press. Conflict and Climate Events: The Great Bhola Cyclone and the Creation of Bangladesh. In Matthews, R. and LeHolland, A. Eds. Climate Change and International Relations. *Edward Elger Press*.

Peer-reviewed chapters under review

Marcantonio R. Revised and resubmitted. Strategizing and Managing Durable Livelihoods During Polycrisis in Madre de Dios, Peru. In Williams, C. and Duvivier, F. (Eds). Strategy and Management Casebook. *Routledge*.

Peer-reviewed chapters in preparation

Marcantonio, R. In preparation. A Pedagogical Tool and Approach for the Environment in Conflict. In Ries, N., Harpp, K., and Spindle, J. (Eds) Routledge Handbook for Teaching about War and Conflict. *Routledge*.

POLICY AND PRACTICE PUBLICATIONS

19. Marcantonio, R. 2025. [Is Peace Enough? Why Sustainability Requires More Than Stability](#). *New Security Beat*.

18. Marcantonio, R. 2025. [Give peace a chance? Why sustainability requires more than stability](#). *Bulletin of Atomic Scientists*.

17. Marcantonio, R. 2024. [Recognizing the Human Right to a Healthy Environment](#). *Politics and Rights Review*.

16. Marcantonio, R. 2024. [How regenerative agriculture can foster peacebuilding in conflict areas](#). *Bulletin of Atomic Scientists*.

15. Marcantonio, R. 2024. [Regenerative production as a vehicle for environmental peacebuilding? An exploratory case from Uganda](#). *Peace News*.

14. Marcantonio, R. and Alvarez, J. E. 2024. [Wars cause widespread pollution and environmental damage – here’s how to address it in peace accords](#). *The Conversation*.

13. Marcantonio, R. 2024. [Building a Response to Environmental Violence](#). *New Security Beat*.

12. Marcantonio, R. and Hook, K. 2023. [Ukraine: An Intersection of Environmental and Nuclear Security Issues](#). *Peace Policy*.

11. Marcantonio, R. and Miklian, J. 2023. [Cyclone Daniel: A ‘natural’ disaster exacerbated by climate change and political instability](#). *Bulletin of Atomic Scientists*.

10. **Marcantonio, R.,** Katsos, J, and Miklian, J. 2023. [Regenerating ecologies and economies for society: Challenges and guideposts for Ukraine and beyond](#). *Global Policy*.
9. **Marcantonio, R.** 2023. [Ukraine, the Environment, and Negotiating Peace](#). *Peace Policy*.
8. **Marcantonio, R.** 2023. [Environmental Management: A Critical Tool for Environmental Peacebuilding](#). *New Security Beat*.
7. Lame, M. and **Marcantonio, R.** 2022. [Environmental managers need to hold thin green line of climate change](#). *The Hill*.
6. **Marcantonio, R.** 2022. [A Case Study in the Environmental Risks of War: Kyiv Hydroelectric Power Plant](#). *The Center for Climate and Security*.
5. Hook, K. and **Marcantonio R.** 2022. [Grappling with environmental risks in the fog of war](#). *Bulletin of Atomic Scientists*. (also published by Le Scienze, the Italian edition of Scientific American)
4. **Marcantonio, R.** 2021. [Air pollution kills: Making that official can help us tackle it](#). *Grist*.
3. Hook, K. and **Marcantonio, R.** A. 2018. [War-related Environmental Disaster in Ukraine](#). *The Bulletin of Atomic Scientists*.
2. **Marcantonio, R.** and Lame, M. 2016. [Message to Trump and State Governors: Stop the War on the Environment](#). *The Hill*.
1. **Marcantonio, Richard.** 2015. [Military and Environmental Management: A Comparative Look](#). *Journal of Environmental Management Arizona*. Vol. 12 (2) p. 6-7

MEDIA COVERAGE (quoted)

-USA Today	-Bulletin of Atomic Scientists	-Publico
-Infobae	-The Hill	-Le Scienze
-MSNBC	-Mongabay	-Indian Express
-Times of India	-The Conversation	-Inside Climate News
-ND Research	-Climate Diplomacy	-Al-Ain News

COMMISSIONED REPORTS

Florez, C., Kielhold, A., Quinn, L. and **Marcantonio, R.** 2023. How the 2016 Colombian Final Accord Responds to Environmental Challenges. Peace Accord Matrix Barometer Initiative. (Lead Technical Advisor)

Marcantonio, R. 2019. Illegal Mining and Contamination Along the Pampana River. Report written for the Conservation Society of Sierra Leone, the Sierra Leone Environmental Protection Agency, and the Sierra Leone National Protected Areas Authority.

Marcantonio, R. 2019. Feasibility of Residential and Health Clinic Rebuild in Abaco, The Bahamas Post-Hurricane Dorian. Report written for Team Rubicon and the Pan-American Health Organization.

Marcantonio, R. 2018. Impact of Residential Roof Rebuild in Puerto Rico Post-Hurricane Maria. Report written for Team Rubicon.

Marcantonio, R. 2016. Smallholder Farmer Perceptions and Responses Related to Water Issues in Choma District, Southern Province, Zambia. Report written for the Zambian Agricultural Research Institute and the Zambian Ministry of Agriculture.

Marcantonio, R. and Freeland, J. 2012. Critical Skills Assessment of the Afghan National Army 2nd Kandak, 1st Regiment. Report written for International Security Assistance Force - Partnered Forces Command, Afghanistan.

Marcantonio, R. 2011. Assessment of Village Stabilization through Agricultural Development in Tughay, Sangin District, Helmand Province, Afghanistan. Report written for US Agency for International Development and Regimental Combat Team – 5 Command, Afghanistan.

RESEARCH GRANTS

EXTERNAL FUNDING

Water Witness, “Regenerative Adaptation for Polycrisis in the Madre de Dios River Valley,” 2026-2028, PI. \$75,000. (under review)

Humanity United and the Omidyar Network, ‘Exploring Environmental Violence’, 2023. PI, \$5,000.

Princeton High Impact Research Award, ‘Environmental Violence: A tool for planetary health research’, Lead Co-PI, \$5,000.

John Templeton Foundation Cultural Evolution Society Transformation Fund, ‘Cultural Evolutionary Theory and Natural Resource Management Working Group’, Co-PI, 2022 - 2024. \$43,000.

Humanity United and the Omidyar Network, “Environmental Violence Explored”, lead Co-PI, 2022. \$10,000.

National Science Foundation Socio-Environmental Synthesis Center Pursuit, ‘Water and Conflict Across the African Continent’, Co-PI, 2019 - 2021. \$143,000.

INTERNAL FUNDING – AS UNIVERSITY OF NOTRE DAME FACULTY MEMBER

2025	Notre Dame Environmental Change Initiative - Postdoctoral Researcher Funding, Co-PI, \$60k (2026-2028) awarded co-funding a postdoctoral scholar to support a global artisanal and small-scale mining synthesis.
2025	Kroc Institute Faculty Research Grant, PI, \$5k awarded for ‘Regenerative Adaptation for Peacebuilding in Detroit’
2025	Provost Strategic Framework Initiative, Co-PI, \$190k (2025-2027) for ‘Air Pollution in Megacities.’
2025	Ford Family Program, PI, \$45k (2025 - 2027) for ‘Exploring Integral Ecology as a Path to Regenerate Ecologies and Economies for Livelihoods in Nandere District, Uganda’
2024	Kroc Institute Faculty Research Grant, PI, \$5k awarded for ‘Exploring the Appropriate Use of the Military for Environmental Peacebuilding in Contested Degraded Lands’
2024	Kellogg Institute Faculty Fellow Research Grant, PI, \$25k awarded (2025-2027) for ‘Sustainable Water Resources, Agriculture, and Supply Chains to Support Livelihoods in an Artisanal Mineable Landscape’
2022-2024	The Lucy Institute for Data and Society, Co-PI, \$150k (initial seed grant) for ‘Toxic Air Pollution Modelling, Policy, Management, and Justice’

INTERNAL FUNDING – OTHER

2019	GLOBES Program Mini-Grants Research Award, University of Notre Dame, \$2500
2019	Institute for Scholarship in the Liberal Arts Graduate Student Research Award, University of Notre Dame, \$3750
2018	GLOBES Program Mini-Grants Research Award, University of Notre Dame, \$3500
2018	Institute for Scholarship in the Liberal Arts Graduate Student Research Award, University of Notre Dame, \$3750
2018	Anthropology Field Research Development Grant, Anthropology Department, University of Notre Dame, \$2K
2017	Kellogg Institute Graduate Research Grant, Kellogg Institute for International Studies, University of Notre Dame, \$4624
2017	Kroc Institute Summer Professional Development Grant, Joan B. Kroc Institute for International Peace Studies, University of Notre Dame, \$2K
2016	Sustainability Research Development Grant, Office of Sustainability, Indiana University, \$8,200

AWARDS, HONORS, AND FELLOWSHIPS

- 2022** **Integration Project Award**, Lucy Institute for Data and Society, University of Notre Dame – awarded to project team
- 2016-2021** **Richard and Peggy Notebaert Premier Fellowship**, the Graduate School, University of Notre Dame, top competitive fellowship offered by the Graduate School, \$534K
- 2019-2021** **Dolores Zohrab Liebmann Fellowship**, The Liebmann Foundation, \$252,000
Nationally competitive fellowship awarded to graduate students that demonstrate “outstanding character and ability who hold promise for achievement and distinction in their chosen fields of study.”
- 2017** **Mullen Family Fellow**, The Joan B. Kroc Institute for International Peace Studies, University of Notre Dame
- 2015 – 2016** **Pat Tillman Foundation Scholar** (competitive fellowship for veteran leaders), \$15K
- 2015-2016** **Scott Chilcote Fellowship**, School of Public and Environmental Affairs, Indiana University, \$1K
- 2005-2009** **Naval Reserve Officer Training Corps Scholarship**, University of Texas at Austin, \$105K
- 2006-2008** **Varsity Letter and Academic All-Big 12 Football First Team**, University of Texas at Austin

SCHOLARLY PRESENTATIONS, PANELS, AND WORKSHOPS

Invited

- 2025** Institute for International Studies at the University of World Economy and Diplomacy, Uzbekistan and the Afghanistan Program for Peace and Development “Generating an Economic Vision for Afghanistan” conference, invited keynote on “Environmental Peacebuilding Potentials”
- 2025** Forestry and Livelihoods: Assessment, Research, and Engagement annual conference. “Sustainably mining and the differential role of formal and informal institutions”, invited panel chair.
- 2025** Security Force Assistance and Stability Integration Directorate at the U.S. Army War College, “The Environment in Conflict”, invited seminar delivered to international military officers representing 17 different nations.

- 2025** Delivered the Walter K. Levy Endowed Lecture on Public Policy and Ethics at Washington and Jefferson College, entitled “Pathways to Just Transformations for Sustainability”, invited lecture.
- 2025** Climate Governance Commission at the New Institute’s Planetary Governance Program, “Transforming Climate Security Paradigms to Respond to Earth System Risks & Instabilities”, invited panelist for expert dialogue.
- 2025** Durham University Sustainable Leaders Program. “Leading along the right path for sustainability: Avoiding pitfalls and pursuing promising ends”, invited lecture.
- 2024** US Department of State Academic Centers of Conflict Anticipation and Prevention inaugural conference. “The Environment in Conflict: A framework”, invited paper and speaker.
- 2024** Environmental Peacebuilding Association Transitional Justice Working Group panel series. “Transitional Justice in Colombia: The Environment as-and-for Transitional Justice” Co-convener with Carl Bruch and Munini Mutuku; and moderator.
- 2023** Heinrich Boll Stiftung Foundation – Bogota Office. “Environmental Violence and Peacebuilding”, invited lecture.
- 2022** Pat Tillman Foundation and Georgetown University. “Climate and Healthcare”, invited panel chair.
- 2022** Humanity United and Alliance for Peacebuilding. “The Environment in the Colombian Peace Agreement and Implementation”, invited co-panelist.
- 2022** Earth Week Series at the College of Lake County’s Center for Nonviolence. “Environmental Risks in the Fog of War-Ukraine”, co-presented with Dr. Kristina Hook
- 2022** Environmental Policy Series Lecture at the School of Public and Environmental Affairs at Indiana University – Bloomington. “Environmental Management for Environmental Peacebuilding”, invited lecture
- 2022** Barrows Fellows Lecture at Marine Corps University. “Migration and Climate Change: Environmental stress as the dominant mobilizer in the 21st century”, invited lecture
- 2022** USAID Environmental and Natural Resources Conflict and Violence Working Group Brief. “Environmental Violence: It’s causes, consequences, distribution, and antidotes”, invited lecture

Contributed – External

- 2026** International Studies Association annual conference. “Evaluating the Role of Militaries in Environmental Security Activities”, paper presentation.
- 2025** Forestry and Livelihoods: Assessment, Research, and Engagement annual conference. “Polycrisis and Peacebuilding in Madre de Dios, Peru”, panel chair and paper presentation.

- 2025** National Sustainability Society annual conference. “Regenerative Peacebuilding: Potential and Possibilities”, paper presentation.
- 2024** National Sustainability Society annual conference. “Everyday Environmental Peacebuilding”, invited lecture for the series Everyday Adaptations to Climate Change.
- 2024** Environmental Peacebuilding Association annual conference. “A Systematic Literature Review of the Environment in Formal Peace Agreements”, paper presentation.
- 2023** International Studies Association Latin American and Caribbean Regional Conference, Bogota, Colombia. “Environmental peacebuilding in formal peace agreements”, paper presentation.
- 2021** Environmental Peacebuilding Association Annual Meeting. “Environmental Violence in Environmental Peacebuilding” discussed as a panelist for a session titled “Peace Innovations”

Contributed - Internal

- 2025** Deloitte Center for Ethical Leadership, “Ethics to lead along the path for sustainability”, invited lecture.
- 2024** Peace Research Seminar discussant (invited) for lecture on “Iraq, the US Military, and Environmental Violence” delivered by Kali Rubaii
- 2023** Notre Dame Deloitte Center for Ethical Leadership Annual Forum. “The Environment and Business: Challenges and Opportunities for Positive Peace”, invited lecture.
- 2023** Office of Sustainability Earth Day Panel on “Climate Justice”. Invited panelist.
- 2022** Deloitte Leadership Institute Scholars Colloquium. “The Ethics of Environmental Dimensions of the Russian War of Aggression in Ukraine” invited lecture.
- 2022** Summer Leadership Seminar at the University of Notre Dame. “Environmental Violence in Everyday Life”, invited lecture.
- 2020** Joan B. Kroc Institute *Shaping Peace Together: Envisioning a Post-Pandemic World*. Invited panelist to speak on the topic of Covid-19, Climate Change, and Envisioning Positive Peace.

Presentations – General Public

- 2025** Holy Cross Village presentation (invited) on “Planetary Pathways and Care for our Common Home”

- 2020** Joan B. Kroc Institute *Kroc Cast: Peace Studies Conversations*. Podcast panel discussion titled “The Coronavirus Crisis through Gender, Environmental, Anthropological and Indigenous Lenses”
- 2018** Izaak Walton League of America, South Bend, Indiana. Presentation titled “Human Modification of the Global Landscape”
- 2016** Center for Social Concerns at the University of Notre Dame Labor Café in Notre Dame, Indiana. Presentation titled “Laboring Under Climate Change”

PROFESSIONAL SERVICE

EDITORIAL SERVICE

Society and Business Review – Associate Editor: Sustainable Development, Environment, and Business

JOURNAL REVIEWER

Lancet Planetary Health
Journal of Peace Research
Peacebuilding
Climate and Development
Studies in Comparative International Development
Nature Communications Earth and Environment
PLOS ONE
Environmental Science and Policy
Regional Environmental Change
Environment and Security
Peace and Change
International Journal of Peace and Development Studies
Peace and Sustainability
World Development

BOOK REVIEWER

Oxford University Press
Cambridge University Press
Routledge
Springer Nature

GRANT PROPOSAL REVIEWER

Austrian Academy of Science Research Grant (2025)
 Explorer’s Club Rolex Research Grant (2020 – 2024)

CURRENT AND PAST ADVISORY ROLES

2023 – present Amazonian Scientific Innovation Center, Advisory Board Member
2023 – present Caritas Madre de Dios, Advisory Board Member
2023 – present Bethany Land Institute, Research Advisor
2022 – 2025 US Department of State Bureau of Conflict and Stabilization Operations, Environmental and Social --Conflict and Peacebuilding Consultant
2021 – 2025 USAID Bureau of Conflict Prevention and Stabilization, Environmental Conflict Advisor
2021 – 2025 PASO Colombia, Environmental Peacebuilding and Livelihoods Programming Advisor

CONFERENCES ORGANIZED

2025 “Ten Years after Laudato Si Africa: Where is Africa?”. Lead Convener with Fr. Emmanuel Katongole hosted by the Bethany Land Institute in Uganda accruing \$65k in internal and \$20k in external funding support, with 130+ attendees from around the globe. Lead editor for the resulting edited volume (see above).
2022 “ND-RAND Inaugural Forum for Competitive Statecraft”. Lead Convener for conference co-hosted by the University of Notre Dame and the RAND Corporation hosting 40+ exclusively high-level participants ranging from a 4-star General to the former Administrator of USAID.
2022 “Gathering of the Hearts: Braiding our ways of being”. Lead Convener with John Paul Lederach and Agustin Fuentes for wholly virtual public and private sessions attended by >100 participants. Gathering funded by Humanity United.

PROFESSIONAL MEMBERSHIPS

2024 – Present National Sustainability Society
 2022 – Present Environmental Peacebuilding Association
 – Founding Member of the Transitional Justice Working Group
 2021 – Present Sigma Xi – The Scientific Research Honor Society
 2018 – Present International Studies Association
 – Environmental Studies Section and Peace Studies Section

UNIVERSITY SERVICE

Campus

2025 – present Member, Notre Dame Sustainability Award Selection Committee
 2024 – 2025 Member, Notre Dame Energy Center Director Search Committee
 2023 – present Member, Campus Sustainability Collective
 2022 – present Sustainability Minor Advisory Board

Keough School

2025 – 2026 Member, Keough-Naughton Institute Modern Ireland faculty search committee
 2024 – present Member, Keough Academic Curriculum Committee
 2024 – present Member, Kroc Institute Undergraduate Academic Curriculum Committee
 2024 – present Founder and Director, Kroc Institute and Environmental Peacebuilding Association Internship Program

2024 – present Founder and Director, Master of Global Affairs International Peace Studies recurring internship with Caritas Madre de Dios in Puerto Maldonado, Peru
 2021 Analyst, Full Scope Carbon Audit commissioned by the Kroc Institute
 2021 Member, Environment and Peace Faculty Search Committee, Kroc Institute

Mendoza School of Business

2025 – 2026 Member Just Transformations Initiative and ITAO joint-hire search committee
 2025 – 2026 Member, Business Ethics and Society Program joint-hire search committee
 2025 – 2026 Member, Business Ethics and Society Program teaching faculty search committee
 2024 – 2025 Member, Business Ethics and Society Program research faculty search committee
 2022 – 2024 Assistant Program Director for Business on the Frontlines

TEACHING EXPERIENCE

University of Notre Dame

Graduate or Mixed Courses Taught

2024 – present Regenerating Ecologies and Economies for Livelihoods (MGA-70437, MBA-70437, and LAW73407)
 -International experiential learning course for 6-credit hours
 2023 Business on the Frontlines (MBA-70440, MGA-70440, and LAW-70440)
 -International experiential learning course for 8-credit hours
 2021 Preparing for the Field (PhD – ANTH-60701)

Undergraduate Courses Taught

2025 – present Introduction to Global Affairs and Integral Human Development (GLAF-10001)
 2025 Introduction to Peace Studies (IIPS-20101)
 2024 – present Peace Studies Internship (IIPS 45000)
 2022 - 2023 Social Entrepreneurship (MGTO-30510)
 2022 - 2023 Foundations of Ethical Behavior (MGTO-20700)
 2021 Global Environmental Change and the Human Niche (IIPS-30319)

University of Milan

2021 -present Environmental Violence and Peacebuilding (PhD)

Indiana University – Bloomington, School of Public and Environmental Affairs (co-instructor)

2015 Environmental Management (MPA grad/undergrad)
 2016 Natural Resource Management and Policy (MPA grad/undergrad)

Other Instruction

2018 Eck Institute for Global Health, Notre Dame, IN

Designed and led course of instruction for a 2-day training workshop titled “Preparing for the Field” for 28 Global Health Master’s students preparing for international fieldwork in 23 different countries.

STUDENT AND POST-DOCTORAL SUPERVISION:

Undergraduate students

Keira Ardise (Global Affairs) – 2026 – present, Kellogg Developing Researcher Faculty Advisor

Lucy Loes (Global Affairs and Biological Sciences) – 2026 – present, Kellogg Developing Researcher Faculty Advisor

Aakaash Raja (Applied Computational Mathematics and Statistics) – 2025 – present, Kellogg Developing Researcher Faculty Advisor

Ava Arora (Economics and Gender Studies) – 2025 – present, Kellogg Developing Researcher Faculty Advisor

Thomas Kerber (Global Affairs) – 2024 – present, Kellogg Developing Researcher Faculty Advisor

Franciszka Barton (Biology and Global Affairs) – 2025 – present, Kellogg Developing Researcher Faculty Advisor

Quinlen Schachle (Global Affairs and Peace Studies), 2025 – present, Kellogg Developing Researcher Faculty Advisor

Shea Aquilano (Cognitive Science and Sustainability) – graduated 2022; Sustainability Minor Capstone Faculty Advisor

Gabrielle Pena (Peace Studies and French) – 2022 – 2024, Kellogg Developing Researcher Faculty Advisor

Bryan Fok (Global Affairs and Italian) – 2023 – 2024 – Kellogg International Scholars Program Faculty Advisor

Liam Gibson (Global Affairs, History, and Russian) – 2023 – 2025 Kellogg International Scholars Program Faculty Advisor

Sophia Rockwell (Global Affairs and Biological Sciences) – 2024 – 2025 Kellogg Developing Researcher Faculty Advisor

Master’s students

Jungton Liu (Master of Global Affairs) – 2025 – present, Thesis Advisor

Alix Underwood (Master of Global Affairs) – 2021 – 2022; Research Project Advisor

Anna Thomas (Master of Global Affairs-Master of Business Administration) – 2021 – 2024; Research Project Advisor

Olfa Jelassi (Master of Global Affairs) – 2023 – 2024; Research Project Advisor

Lydia Knoll (Master of Global Affairs-Master of Business Administration) – 2022 – 2025; Research Project Advisor

Doctoral Students

Elsa Barron, Ph.D. in Peace Studies and Political Science at the University of Notre Dame – 2024 - present (committee member)

Patrick McQuestion, Ph.D. in Peace Studies and Political Science at the University of Notre Dame – 2024
- present (committee member)

Dustin Sanchez, Ph.D. in Geography and Environmental Studies at Texas State University – 2023 -
present (external committee member)

Post-doctoral mentees

Dr. Carlos Calvo-Hernandez, Co-Advisor, with Dr. Arun Agrawal, for “A Global Synthesis of Artisanal and Small-scale Gold Mining” research project. 2026 to present

FIELD WORK AND CERTIFICATIONS

PROFESSFIOANL FIELD WORK

Afghanistan – 21 months, 2011 – 2012, government service
Zambia - 3 months, 2012, Master’s thesis research
Sierra Leone – 6 months, 2017 – 2019, dissertation research
Puerto Rico – 2 months, 2018, dissertation research
Hawaii – 1 month, 2018, dissertation research
Colombia – 4 months, 2021 – 2024, field research
Peru – 4 months, 2023 – present, field research
Uganda – 2 months, 2023 – present, field research
Ireland – 2 months, 2025 – present, field research

CERTIFICATIONS

American Mountain Guide Association – Single Pitch Instructor
Wilderness Medical Association – Wilderness First Responder
Leave No Trace Trainer
American Red Cross: First Aid / CPR / AED
International Association of Public Participation: Crisis Communications Communicator

SKILLS

INSTRUMENTATION

Bruker Tracer 5i portable X-ray Fluorescence Spectrometer
Milestone DMA-80 Tricell Direct Mercury Analyzer
Thermo Fisher Scientific Inductively Coupled Plasma – Optically Emission Spectrometer
Hach 2100Q Portable Turbidimeter
Global Positioning System – Multiple devices and systems

SOFTWARE

Fully functional: Minitab 19; Google Earth Pro; QGIS; SAS; Microsoft suite

Manager's functionality: ArgGIS; R; STATA

LANGUAGES

Pashto – beginner

Spanish – intermediate

Italian – intermediate

Other languages studied: Arabic (standard), Dari (Farsi), Temne (Sierra Leone), and Tonga (Zambia)