Christopher John Paul, Ph.D.
Assistant Professor of Public Administration
North Carolina Central University
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EDUCATION
2016 Ph.D., University Program in Environmental Policy, Duke University
Fields: Political Institutions and Environmental Politics
Dissertation: The Political Economy of Climate Adaptation and Environmental Health: The Case of Ethiopia
Committee: Erika Weinthal, Randall Kramer, Marc Jeuland, Marie Lynn Miranda
2005 B.S., Environmental Science, Duke University
Thesis: The Origins of Common Property Regimes in Uganda
Thesis Advisor: Margaret McKean

APPOINTMENTS
2016- Assistant Professor of Public Administration and Member of the Graduate Faculty, North Carolina Central University

PUBLICATIONS
Peer-Reviewed Articles
2019 1. Godebo TR, Paul CJ, Jeuland MA, Redda TH. 2019. Biomonitoring of metals and trace elements in urine of central Ethiopian populations. International Journal of Hygiene and Environmental Health: In press.
2018 2. Paul CJ, Jeuland MA, Godebo TR, Weinthal E. 2018. Communities Coping with Risks: Household Water Choice and Environmental Health in the Ethiopian Rift Valley. Environmental Science and Policy 86(Aug): 85-94.
2018 3. Paul CJ, Weinthal E. 2018. The Development of Ethiopia’s Climate Resilient Green Economy 2011-2014: Implications for Rural Adaptation. Climate and Development. DOI: 10.1080/17565529.2018.1442802
2018 4. Yang GG, Kim D, Pham A, Paul CJ. 2018. A Meta-Regression Analysis of the Effectiveness of Mosquito Nets for Malaria Control: The Value of Long-Lasting Insecticide Nets. International Journal of Environmental Research in Public Health 15(3):546.
2016 5. Aldrich DP, Page CM, Paul CJ. 2016. Social Capital and Climate Change Adaptation. Climate Science: Oxford Research Encyclopedias.
2016 6. Paul CJ, Weinthal E, Bellemare MF, Jeuland MA. 2016. Social Capital, Trust, and Adaptation to Climate Change: Evidence from Rural Ethiopia. Global Environmental Change 36:124-138. http://dx.doi.org/10.1016/j.gloenvcha.2015.12.003
2016 7. Seo S, Kim, D, Min S, Paul CJ, Yoo Y, Choung JT. 2015. GIS-based Association between PM10 and Allergic Diseases in Seoul: Implication for Health and Environmental Policy. Allergy, Asthma & Immunology Research 7:e54.
2015 8. Paul CJ, Kramer RA, Lesser A, Mutero CM, Miranda ML, Dickinson K. 2015.
Identifying barriers in the malaria control policymaking process in East Africa: insights from stakeholders and a structured literature review. BMC Public Health 15(1): 862.

2014 9. Mutero CM, Kramer RA, Paul CJ, Lesser A, Miranda ML, Mboera LEG, Kiptui R, Kabatereine N, Ameneshewa B. 2014. Factors influencing malaria control policymaking in Kenya, Uganda and Tanzania. Malaria Journal 13:305.

2014 10. Rango T, Vengosh A, Jeuland M, Redda TH, Kravchenko J, Paul CJ, McCormick PG, Weinthal E. 2014. Fluoride exposure from groundwater as reflected by urinary fluoride and children’s dental fluorosis in the Main Ethiopian Rift Valley. Science of the Total Environment 496:188-197.

2014 11. Kramer RA, Mboera LEG, Senkoro K, Lesser A, Shayo EH, Paul CJ, Marie Lynn Miranda. 2014. A Randomized Longitudinal Factorial Design to Assess Malaria Vector Control and Disease Management Interventions in Rural Tanzania. International Journal of Environmental Research in Public Health 11(5): 5317-5332.

2014 12. Seo S, Kim D, Paul CJ, Yoo Y, Choung J. 2014. Exploring household-level risk factors for self-reported prevalence of allergic diseases among low-income households in Seoul, Korea. Allergy, Asthma & Immunology Research 6(5):421-427; doi: 10.4168/aair.2014.6.5.421

2014 13. Kravchenko J, Rango T, Akushevich I, Atlaw B, McCormick PG, Merola BR, Paul CJ, Weinthal E, Vengosh A, Jeuland M. 2014. The effect of non-fluoride factors on risk of dental fluorosis: Evidence from rural populations of the Main Ethiopian Rift. Science of the Total Environment, 488–489:595–606. doi: 10.1016/j.scitotenv.2013.12.087

2011 14. Miranda ML, Edwards S, Keating M, and Paul CJ. 2011. Making the Environmental Justice Grade: The Relative Burden of Air Pollution Exposure in the United States. International Journal of Environmental Research and Public Health 8(6): 1755-1771.

2010 15. Miranda ML, Edwards S, Swamy G, Paul CJ, and Neelon B. 2010. Blood Lead Levels Among Pregnant Women: Historical Versus Contemporaneous Exposures. International Journal of Environmental Research and Public Health 7(4): 1508-1519.

2008 16. Schaad DE, Franzoni LP, Paul CJ, Bauer A, Morgan K. 2008. A Perfect Storm: Examining Natural Disasters by Combining Traditional Teaching Methods with Service-Learning and Innovative Technology. International Journal of Engineering Education 24(3):450-465.

2007 17. Miranda ML, Kim D, Hull AP, Paul CJ, Galeano MAO. 2007. The Relationship between Early Childhood Blood Lead Levels and Performance on End of Grade Tests. Environmental Health Perspectives 115(8):1242–1247.

2007 18. Miranda ML, Kim D, Hull AP, Paul CJ, Galeano MAO. 2007. Changes in Blood Lead Levels Associated with Use of Chloramines in Water Treatment Systems. Environmental Health Perspectives 115(2):221-225.
Other Publications

2012 1. Brown Z, Kramer R, Mutero C, Kim D, Miranda ML, Ameneshewa B, Lesser A, Paul CJ. 2012. Stakeholder development of the Malaria Decision Analysis Support Tool (MDAST). Malaria Journal 11(Suppl 1):P15 doi:10.1186/1475-2875-11-S1-P15

2012 2. Paul CJ, Weinthal E, Harrison C. 2012. Climate Change, Foreign Assistance, and Development: What Future for Ethiopia? Transatlantic Academy Paper Series. http://www.transatlanticacademy.org/publications/climate-change-foreign-assistance-and-development-what-future-ethiopia

2011 3. Paul CJ and Miranda ML. 2011. "Air Pollution and Global Public Health" in: Parker R and Sommers M, eds., Routledge Handbook of Global Public Health. New York: Routledge.

2009 4. Paul CJ and Rafuls Rosa M, Editors. 2009. Hassaniya: Grammar, Vocabulary and Practical Usage. United States Peace Corps in the Islamic Republic of Mauritania. Charleston: Createspace.

2006 5. Bauer AE, Miranda ML, Paul CJ, Thomann W. Building Interiors in the Greater New Orleans Area in the Aftermath of Hurricanes Katrina and Rita. Report for IEM/FEMA

2006 6. Paul CJ. 2006. “Recreation and the Environment” in: Abramson R, Haskell J, eds., Encyclopedia of Appalachia. Knoxville: The University of Tennessee Press, 135-136.

2004 7. Paul CJ, Kamusiime H, Obaikol E, Rugadya M. 2004. Tenure in Community Forests: A Study of Communal Land Associations as Forest Management Regimes in Budongo, Masindi (Uganda). Associates for Development Land Rights Series, No. 1. Oxfam Great Britain “Land Rights in Africa.”

AWARDS AND HONORS

2019 North Carolina Central University Excellence in Teaching Award
2018 Trillium Sustainability Fellow
2017 United States Military Academy (West Point) SCUSA Roundtable Co-Chair
2016 Duke University Forever Duke Student Leadership Award
2015 Duke University Graduate School Summer Research Fellowship
2011-2014 Duke Global Health Institute Global Health Doctoral Scholar, Duke University
2010-2016 University Scholars (Gates) Fellow, Duke University
2010-2014 James Buchanan Duke Fellow, Duke University
2001-2005 Julian and Josie Robertson Merit Scholarship, Duke University and the University of North Carolina at Chapel Hill
2005 Julia Harper Day Award, Center for Documentary Studies, Duke University.
2001 Dannenberger Mentorship, Pre-Major Advising Center, Duke University

CONFERENCE PRESENTATIONS

2019 1. Paul CJ. Justice and Sustainability. Trillium Teaching Sustainability Conference. North Carolina Central University. May 8, 2019. Durham, North Carolina.
2019 2. Paul CJ. Environmental Health and Advocacy. NCCU International Symposium.
2019 3. **Paul CJ.** Capacity and Complications: Understanding how the Ebola Crisis Affected the Function of Civil Service in Liberia. March 29, 2019. International Studies Association. Toronto, Canada.

2019 4. **Paul CJ.** The Local Food Environment and Food Security: The Role of Social Capital. March 29, 2019. International Studies Association. Toronto, Canada.

2018 5. Walker D, Flowers CC, **Paul CJ.** Wastewater Policymaking in Lowndes County, Alabama. April 7, 2018. NCCU Graduate and Undergraduate Research Symposium. 2nd place oral presentation award. Durham, North Carolina.

2017 6. **Paul CJ** and Canuel E. Climate Change Roundtable Faculty Co-Chair, Student Conference on United States Affairs (SCUSA). November 1-4, 2017. United States Military Academy, West Point, New York.

2017 7. **Paul CJ** and Weinthal ES. Climate Change, Policy Change: The Development of Ethiopia’s Climate Resilient Green Economy and the Role of International Actors. February 22, 2017. International Studies Association. Baltimore, Maryland.

2016 8. **Paul CJ**, Jeuland MA, Rango T, Weinthal ES. Coping with risk and uncertainty: Household water and environmental health in the Ethiopian Rift Valley. December 6, 2016. National Institute of Environmental Health Sciences Environmental Health Fest. Durham, North Carolina.

2016 9. **Paul CJ** and Weinthal ES. Resilience in the Horn of Africa: The Potential of Ethiopia’s Climate Policy. March 19, 2016. International Studies Association. Atlanta, Georgia.

2016 10. **Paul CJ** and Weinthal ES. Water, climate change, and social capital: Interdependence or independence in household adaptation?. March 19, 2016. International Studies Association. Atlanta, Georgia.

2015 11. **Paul CJ**, Jeuland MA, Rango T, Weinthal ES. Water source and quality variation in the Ethiopian Rift Valley. October 27, 2015. UNC Water and Health Conference. Chapel Hill, North Carolina.

2015 12. **Paul CJ**, Weinthal ES, Bellemare MF, Jeuland MA. Trust, Social Capital, and Adaptation to Climate Change: Survey and Experimental Evidence from Rural Ethiopia. August 3, 2015. Camp Resources. Asheville, North Carolina.

2015 13. **Paul CJ** and Weinthal ES. Combining Mitigation and Adaptation Strategies: Ethiopia’s Climate Resilient Green Economy. June 25, 2015. Air and Waste Management Association. Raleigh, North Carolina.

2015 14. **Paul CJ** and Weinthal ES. Managing Climate Change and Water Pressures in Ethiopia. February 19, 2015. International Studies Association. New Orleans, Louisiana.

2014 15. Bellemare MF, Jeuland M, **Paul CJ**, Weinthal ES. Do Risk Attitudes Drive Adaptation to Climate Change? Evidence from Rural Ethiopia. July 28, 2014. Agricultural and Applied Economics Association Annual Meetings. Minneapolis, Minnesota.

2014 16. **Paul CJ.** Social Capital in Rural Climate Change Preparedness. March 26th, 2014. International Studies Association. Toronto, Canada. (Withdrawn for
medical reasons)

2014 17. **Paul CJ**, Weinthal E, Jeuland M, Bellemare M. Decision-making for Water Quality, Climate Adaptation, and Health in the Central Rift Valley of Ethiopia. Workshop for on Water, Climate Change, and Health. January 16, 2014. ILRI Campus, Addis Ababa, Ethiopia.

2013 18. **Paul CJ**, Weinthal ES, Jeuland M, Bellemare M. Responses to Uncertainty about Climate and Water Availability: Evidence from Ethiopia. December 19, 2013. USAID’s Office of Conflict Management and Mitigation Natural Resources Management Partners Day Workshop. Washington, DC.

2013 19. **Paul CJ**, Jeuland M, Weinthal E, Rango T, Kravchenko J, Vengosh A. Environmental health knowledge and fluorosis in the Ethiopian Rift. Unite for Sight Global Health and Innovation Conference. Student Leader in Global Health. April 13, 2013. Yale University, New Haven, CT.

2013 20. **Paul CJ**, Jeuland M, Weinthal E. Social capital, information, and decision making in the rural Rift Valley of Ethiopia. International Studies Association Annual Meetings. April 5, 2013. San Francisco, CA.

2013 21. **Paul CJ**, Jeuland M, Weinthal E, Rango T, Harrison C, Kravchenko J. Household-level variation in fluorosis outcomes in the Ethiopian Rift. GeoGen Conference. February 5-7, 2013. Addis Ababa, Ethiopia.

2012 22. **Paul CJ**, Kramer R, Lesser A, Dickinson K. Overcoming barriers to optimal malaria control policy: Policymakers’ reactions to decision analysis. Unite for Sight Global Health and Innovation Conference. April 21, 2012. Yale University, New Haven, CT.

**TEACHING**

**Instructor**

2019 Strategic Planning for Non-Profits (PADG 5201), Public Administration, North Carolina Central University

2017-2019 Public Health Policy and Advocacy (PADG 5390), Public Administration, North Carolina Central University

2017-2019 Administrative Leadership and Ethics (PADG 5670), Public Administration, North Carolina Central University

2016-2019 Research Methods (PADG 5610), Public Administration, North Carolina Central University

2016 Economic Consequences of Policy (PADG 5240), Public Administration, North Carolina Central University

2016 American Government (PADG 5050), Public Administration, North Carolina Central University

2003 Service Learning: Expanding Duke Education Beyond the Classroom (HCS 79.26), Duke University

**Section Instructor**

2006 Natural Catastrophes: Rebuilding from Ruins (ENG 185), Civil and Environmental Engineering, Duke University
Teaching Assistant
2013, 2015, Social Science Survey Methods (ENVIRON 557), Nicholas School of the Environment, Duke University
2016

Guest Lectures and Invited Talks
2019 “Careers in Higher Education,” Duke University Graduate School
2019 “NCCU EMPA Retreat: Values, Identity, and Brand” Wrightsville, NC
2019 “Using Focus Groups to Improve Survey Design” in course “Social Science Survey Methods” (ENVIRON 557) of Dr. Randall Kramer, Duke University
2019 “Building brand: Mastering professional identity online” UNC-Chapel Hill Department of Student Affairs
2018 “Building your brand: Mastering your professional identity online,” UNC-Chapel Hill School of Public Health Masters of Health Administration.
2017 “The Academic Application Process” Academic Job Search Series, The Graduate School, Office of Postdoctoral Services, and Duke Career Center, coordinated by Assistant Dean Melissa Bostrom, Duke University.
2017 “Building your brand: Mastering your professional identity online” in the “Master’s of Public Administration Professional Development Series” coordinated by Prof. Sega Howell, North Carolina Central University
2017 “Social Capital and Community Adaptation: Implications for Resilience and Health” in the “College of Behavioral and Social Sciences Innovations in Behavioral and Social Science Research Lecture Series,” sponsored by Dean Debra Parker, North Carolina Central University
2016 “Climate change and environmental health” in “Global Environmental Health” of Dr. Beth Feingold, University at Albany (State University of New York)
2016 “Sample Selection” in course “Social Science Survey Methods” (ENVIRON 557) of Dr. Randall Kramer, Duke University
2015 “Writing surveys and survey technologies” in course “Social Science Survey Methods” (ENVIRON 557) of Dr. Randall Kramer, Duke University
2014 “Global Health Research: Qualitative Methods” in field research methods in course (GLHLTH 772) of Dr. Kerrie Stewart, Duke University
2013 “Interview based surveys” in course “Social Science Survey Methods” (ENVIRON 557) of Dr. Randall Kramer, Duke University
2013 “Environmental health, climate change, poverty, and gender” in course “Gender, Poverty and Health” (GLHLTH 212 / SOCIOL 212) of Dr. Melissa Watt. Duke Univ.

Certifications
2019 Association of College and University Educators and The American Council on Education Certificate in Effective Instruction. ACUE-17441003.

ADVISING

Student Theses

Master of Public Administration, North Carolina Central University
2017 Dominique J. Hardy. “A Meta-Analysis to Review Methods of Dissemination of Mental Health Education in Public Schools” (Thesis Chair)

Master of Science in Environmental, Earth and Geospatial Sciences,
North Carolina Central University
2018 Byron Ifediora. “A GIS approach to studying grocery store chains and the
sociodemographics of the neighborhoods they serve”
2017 Chibuike R. Madumere, “Estimating Service Areas for Farmers’ Markets In
Southeastern North Carolina Using Two Main Spatial Interaction Models”

UNIVERSITY SERVICE
2019 NCCU-Duke Trillium Sustainability Conference Co-Chair
2019 North Carolina School of Science and Mathematics Teaching Awards Committee
2018-2019 North Carolina School of Science and Mathematics Strategic Planning Team
2018-2019 Duke University Athletic Council Trustee Representative
2017- North Carolina Central University Peace Corps Prep Program
2017- North Carolina Central University Sustainability Committee (ASCEND)
2016-2019 Duke University Board of Trustees, Graduate Young Trustee
2016-2018 Duke Health Academic Affairs Committee
2016-2018 Duke University Academic Affairs Committee
2014-2016 Duke GradParents (graduate student parents) President
2013-2016 Duke University Graduate School Board of Visitors Member
2012-2016 University Scholars Program (Gates Foundation) Graduate Mentor
2011-2013 Society of Duke Fellows President
2010-2013 Duke Global Health Institute Student Council Graduate Chair
2010-2012 Duke Global Health Institute Executive Committee Student Member
2011-2013 Duke University Center for International Studies Global Health Group Co-chair

DEPARTMENT SERVICE
2018 Assistant Professor of Public Administration Search Committee
2016- NCCU Public Administration Assessment and Accreditation Committee
2016- NCCU Executive Master’s of Public Administration Admissions Committee
2016- International City/County Management Association (ICMA) Chapter Advisor
2016-2017 NCCU Master’s of Public Administration Capstone Exam Committee

PROFESSIONAL AFFILIATIONS AND SERVICE
2018- International Studies Association Environmental Studies Section Executive
Committee Member
2016- Network of Schools of Public Policy, Affairs, and Administration (NASPAA)
2016- International City/County Management Association (ICMA)
2015-2016 American Political Science Association
2014-2015 Agricultural and Applied Economics Association
2012- International Studies Association.
2005-2010 American Public Health Association

Peer Reviewer
2019 International Journal of Environmental Research and Public Health; Climatic
Change
2018 Fulbright Distinguished Awards in Teaching; *International Journal of Environmental Research and Public Health; Global Health Research and Policy; Social Sciences; Sustainability; Climate; Global Environmental Change; Environment, Development and Sustainability*

2017 *Climate; Ecological Economics; Sage CQ Press; Natural Hazards; Land Use Policy; Economies; African Social Science Review; Sustainability; Global Environmental Politics; Water; Global Health Research and Policy*

2016 *Population and Environment; International Journal of Environmental Research and Public Health; Agricultural Systems; Malaria Journal; Buildings; Politics, Groups and Identities; Climate; Mandela Washington Fellowship for Young African Leaders; African Social Science Review*

2015 *Food Policy*

2014 *Global Environmental Politics; Journal of Public Health; African Journal of Environmental Science and Technology*

2005-2014 American Public Health Association

**RELATED PROFESSIONAL EXPERIENCE**

2011-2014 *Project Manager, Water, Climate, and Health in Ethiopian Rift Valley Interdisciplinary Research Program (Funding: USAID), Duke University, Durham, NC*

2009-2010 *Project Manager, Malaria Decision Analysis Support Tool (Funding: World Health Organization/UNEP), Duke University, Durham, NC*

2009-2010 *Associate in Research, Children’s Environmental Health Initiative (CEHI), Nicholas School of the Environment, Duke University, Durham, NC*

2007-2009 *Peace Corps Volunteer: environmental educator, United States Peace Corps, Islamic Republic of Mauritania*

2005-2007 *Associate in Research, Children’s Environmental Health Initiative (CEHI), Nicholas School of the Environment, Duke University, Durham, NC*

2006 *Service-Learning Course Coordinator, Pratt School of Engineering, Duke University, Durham, NC*

2005, 2015 *Naturalist, Green River Preserve, Cedar Mountain, NC*

2004 *Research Intern, Associates for Development, Kampala, Uganda*

2003 *Research Intern, Programme in Land and Agrarian Studies, University of the Western Cape, Cape Town, South Africa*

2002 *Policy Intern, The Wilderness Society, Atlanta, GA*
COMMUNITY SERVICE AND LEADERSHIP
2016-          Green River Preserve Board of Directors (Cedar Mountain, NC)
2015-          North Carolina School of Science and Mathematics Alumni Association Board of
               Directors, Vice President (2017-), Fundraising Committee Chair (2015-2017)
2015-2016      The Preschool at the Chapel of the Cross Board of Directors, Webmaster and
               Communications Chair (Chapel Hill, NC)
2012-2015      Town of Chapel Hill Advisory Boards, including Transportation and Connectivity
               Board, Greenways Commission, and Obey Creek Compass Committee
2009-2018      Chapel Hill-Carrboro City Schools Blue Ribbon Mentor Advocate Program Mentor

LANGUAGES
English, Native Speaker
French, Professionally Proficient
Hassaniya Arabic, Conversational
Chinese, Conversational