

CURRICULUM VITAE, 2024

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EDUCATION AND TRAINING

Undergraduate

2000-2002	University of North Carolina at Charlotte, Charlotte, NC	B.S., 2002	Civil Engineering; Environmental Engineering
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Graduate

2008-2015	North Carolina State University Raleigh, NC	Ph.D., 2015	Public and International Affairs, Environmental Policy
2005-2007	North Carolina State University Raleigh, NC	MPA, 2007	Public Administration

APPOINTMENTS AND POSITIONS

Academic

2023-Present	Associate Dean for Practice	School of Public Health, University of Pittsburgh, Pittsburgh, PA
2023-Present	Associate Professor	Department of Environmental & Occupational Health, School of Public Health, University of Pittsburgh, Pittsburgh, PA

2023-Present	Director, Center for Public Health Practice	School of Public Health, University of Pittsburgh, Pittsburgh, PA
2022-2023	Visiting Associate Professor	Department of Environmental & Occupational Health, School of Public Health, University of Pittsburgh, Pittsburgh, PA
Non-Academic		
2021-2022	Air Program Manager	Community and Tribal Programs Group, Office of Air Quality Planning and Standards, USEPA RTP, NC
2021	Policy Analyst	Policy, Analysis, and Communications Division, Office of Air Quality Planning and Standards, USEPA RTP, NC
2019-2021	Environmental Engineer	Minerals and Manufacturing Group, Office of Air Quality Planning and Standards, USEPA RTP, NC
2012-2017	Environmental Engineer	Minerals and Manufacturing Group, Office of Air Quality Planning and Standards, USEPA RTP, NC
2008-2012	Environmental Engineer	Policy Design Group, Office of Air Quality Planning and Standards, USEPA RTP, NC
1998-2002	Engineering Intern; promoted to Civil Engineer	Charlotte-Mecklenburg Utilities Charlotte, NC

HONORS

2023	Len Peters Faculty Fellow for Sustainability
2016	Bronze Medal Award, USEPA
2014	Bronze Medal Award, USEPA
2013	Director's Award for Technical Training, USEPA, Office of Air Quality Planning and Standards
2008	Pi Alpha Alpha, Public Administration Honor Society
2000	Chi Epsilon, Civil Engineering Honor Society

1996 Chancellor's Scholar- North Carolina Agricultural and Technical State University

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

2023-Present	Society for Social Studies of Science
2022- Present	American Public Health Association
2022- Present	Association for Public Policy Analysis and Management
2012-2015	American Society of Public Administrators

PROFESSIONAL ACTIVITIES

1. Teaching

a. Courses Taught

Years Taught	Course Number: Title	Hours of Lecture, credits Average Enrollment	Role in course Primary/Coordinator
2017	ENVS 201: The Earth and Man's Environment	3 hours/week, 35 students	Director and Lecturer
2017	ENVS 344: Environmental Sustainability	3 hours/week, 10 students	Course Creator, Director and Lecturer
2015	PAD 540: International Public Administration and Policy	4.5 hours/week, 8 students	Lecturer
2015	PAD 505: Public Budget and Finance	4.5 hours/week; 10 students	Lecturer

b. Other Teaching (lectures, tutorials and continuing education courses)

Date(s)	Type of Teaching	Title
2024	Environmental Justice Introduction, Environmental Epi, SPH, Pitt	Guest Lecturer
2024	Environmental Risk Communication, SPH, University of Pittsburgh	Guest Lecturer
2023	Environmental Statutes and Public Engagement	Guest Lecturer
2023- 2024	Roles of Government in Public Health: Pitt PHUSP Summer Scholars	Lecturer
2023-2024	Introduction to Environmental Justice: Pitt PHUSP Summer Scholars	Lecturer
2023- 2024	Environmental Risk Communication, University of Pittsburgh, School of Public Health	Guest Lecturer
2023	Environmental Justice, Opportunities, Gaps and Failures, Graduate School of Public and International Policy, University of Pittsburgh	Guest Lecturer
2022-2024	Introduction to Environmental Justice, School of Public Health, University of Pittsburgh	Guest Lecturer
2023	Environmental Laws, Policies and Justice: Challenges with Cumulative Burdens, School of Public Health University of Pittsburgh	Guest Lecturer
2022	The Pursuit of Environmental Justice in Air Quality Standards, School of Engineering, University of Pittsburgh	Guest Lecturer
2012-2016	Clean Air Act Overview and Environmental Justice Topics, North Carolina A&T State University	Guest Lecturer
2012	Rule School: 3-Day Air Quality Regulatory Development Course, US EPA Office of Air Quality Planning and Standards	Co-Director
2011-2012	Policy Analysis, North Carolina State University	Guest Lecturer

c. Mentoring of Graduate Students in Field Placements

Dates	Name of Student	Degree/Program Description	Field Site
June 2024-Present	Francheso Campodonico	Pitt PHSUP Scholar	Sustainable Pittsburgh
June 2024-Present	Karissa Sowers	Pitt PHSUP Scholar	ROCIS
May 2024-Present	Joshua Vaughn	MPH	Slippery Rock University
August 2023-May 2024	Cristy Gross	MPH	University of Pittsburgh
June -Aug 2023	Maggie Moore	MPH	Slippery Rock University
June- Aug 2023	Alondra Mercado	Pitt PHSUP Scholar	Healthy Home Lab
June- Aug 2023	Mary Angbanzan	Pitt PHSUP Scholar	Homewood CEC
June- Aug 2023	Alexis Ware	Pitt PHSUP Scholar	Homewood CEC
June- Aug 2023	Preti Chowdhury	Pitt PHSUP Scholar	ROCIS
June- Aug 2023	Shania Lacap	Pitt PHSUP Scholar	ROCIS
March 2023-Present	Will Zeffer	MPH	University of Pittsburgh
March 2023-Present	Elizabeth Roy	MPH	University of Pittsburgh

2. Research and Training

a. Grants and Contracts Received

Principal Investigator, Multiple Principal Investigator, or Program Project Principal Investigator

**as listed in NIH RePORT and/or on Notice of Award*

Years Inclusive	Grant and/or Contract Number and Title (PI: Name; Institution)	Source	Annual Direct Costs	% Effort
2023-2024	Investigation and Mitigation of Asthma Severity in EJ Populations	Breathe Pennsylvania	\$50,000	2.5%
2023-2024	<i>Exploring the Feasibility, Governance, and Public Communication of Biomining to Advance Inclusivity and Environmental Justice</i>	Internal, School of Public Health and School of Engineering	\$51,500	5%
2023-2024	<i>Distributional Equity Analysis of Residual Risk for National Emission Standards for Hazardous Air Pollutants (NESHAP) and Stakeholder Engagement</i>	Internal, University of Pittsburgh Momentum Funds	\$25,000	5%
2014	Early Inclusion of Environmental Justice Communities in Synthetic Biology Governance Needs	NC State, Center for Genetic Engineering and Society	\$10,000	20%

Co-Investigator

****Include institutional grants as well as inter-institutional subcontracts for which you are officially listed as Co-Investigator (e.g., key personnel designation in NIH grant)***

Years Inclusive	Grant and/or Contract Number and Title (PI: Name; Institution)	Source	Annual Direct Costs	% Effort
2024-2025	CIVIC-PG Track B: Community-driven socio-technical infrastructure for data-driven air quality advocacy	NSF	\$75,000	4%

Years Inclusive	Grant and/or Contract Number and Title (PI: Name; Institution)	Source	Annual Direct Costs	% Effort
2024-2025	Cancer Center Support Grant Supplement: Exploration of Contemporary Modifiable Exposures and Cancer in Beauty Salons	NCI	\$100,000	3%
2023-2024	University of Pittsburgh, Clinical and Translation Sciences Institute, Lung Cancer Screening among Health Disparity Populations	Internal	\$35,000	1%
2022-2026	CDC John Lewis/ Undergraduate Public Health Scholars Program	CDC	\$490,000	10%

b. Invited Lectureships and Major Seminars Related to Your Research

Date	Title of Presentation	Venue
July 2023	HBCU PhD Pathways	Virtual – Alfred Sloan Scholars
March, 2023	Science Revealed: Reaping What We Spill, Leak and Spew	University of Pittsburgh, Webinar
April, 2022	Environmental Justice Initiatives in the Office of Air Quality Planning and Standards	AAPCA Spring Business Meeting;
November, 2021	EPA's Diverse EJ Initiatives	WESTAR/WRAP 2021 Fall Business Meeting
August, 2016	EPA Round-Table Discussions for EJ Communities on the Benefits of Addressing Climate Change	EPA Region 5, Chicago, IL
September, 2015	The Clean Power Plan: Briefing for Communities	USEPA Office of Air Quality Planning and Standards, National Call

Date	Title of Presentation	Venue
2015	Pathways, Options, and Opportunities for Energy Efficiency and Renewable Energy	USEPA Workshop for Environmental Justice Communities on The Clean Power Plan, November 2015; Virtual- National Call
2014	Regulatory Case-Study Analysis of a Synthetic Biology Application: Nitrogen fixation in rice crops through symbiosis with <i>Mesorhizobium loti</i>	Governance of Emerging Technologies, Arizona State University Tempe, Arizona

c. Other Research and Training Activities

Date	Position	Description of Activity
2022-Present	Environmental Justice Lead, Pitt SPH CDC Undergraduate Public Health Scholars Program	Contributing to program development, recruitment and EJ curricula
2014	Student Researcher; Mexico City Intensive Summer Study	Research on genetically modified pest issues; synthetic biology roundtables with government (including CIBIOGEM), industry, NGO. Workshop at International Maize and Wheat Improvement Center.
2014	Member, NCSU iGEM Policies and Practices Team	Overall winner for 2014 Policies and Practices Track- development of interactive tool for eliciting feedback on syn bio development

PUBLICATIONS

1. Books and Book Chapters

1. **Ndoh, C.,** Cummings C., and J. Kuzma. (2020) “The Role of Expert Disciplinary Cultures in Assessing Risks and Benefits of Synthetic Biology”. In Trump, B., Cummings, C., Kuzma, J. and I. Linkov. (Eds) (2020). *Synthetic Biology 2020: Frontiers in Risk Analysis and Governance*. Springer: Dordrecht. p. 351-370
2. **Other Publications**
 1. Tipre, M., Picone, C., Demanelis, K., Buchanich, J. M., **Ndoh, C.,** Yuan, J. M., & Baskin, M. L. (2024). Identifying priority populations for lung cancer screening intervention using neighborhood-level factors and cancer registry data. *Preventive Oncology & Epidemiology*, 2(1). <https://doi.org/10.1080/28322134.2024.2398014>
 2. **Ndoh, C. E.,** Bortey-Sam, N., Moore, M., & Ufelle, A. (2024). Virtually prepared: designing remote environmental health practicum experiences [Perspective]. *Frontiers in Education*, 8. <https://doi.org/10.3389/feduc.2023.1331321>
 3. **Ndoh C.,** USEPA (2021) National Emission Standards for Hazardous Air Pollutants: Flexible Polyurethane Foam Fabrication Operations Residual Risk and Technology Review and Flexible Polyurethane Foam Production and Fabrication Area Source Technology Review; <https://www.regulations.gov/docket/EPA-HQ-OAR-2020-0572/document>
 4. **Ndoh C.,** USEPA (2020) National Emission Standards for Hazardous Air Pollutants: Boat Manufacturing and Reinforced Plastic Composites Production Risk and Technology Review; <https://www.regulations.gov/document/EPA-HQ-OAR-2016-0447-0098>
 5. **Ndoh C.,** USEPA (2017) Agency Information Collection Activities; Proposals, Submissions, and Approvals: National Volatile Organic Compound Emission Standards for Consumer Products
 6. **Ndoh C.,** USEPA; (2016) Clean Energy Incentive Program Design Details; <https://www.regulations.gov/document/EPA-HQ-OAR-2016-0033-0001>
 7. **Ndoh C.,** USEPA (2015) Phosphoric Acid Manufacturing and Phosphate Fertilizer Production RTR and Standards of Performance for Phosphate Processing; <https://www.regulations.gov/document/EPA-HQ-OAR-2012-0522-0001>
 8. **Ndoh C.** and Swanson N., USEPA (2011) National Emission Standards for Hazardous Air Pollutant Emissions: Shipbuilding and Ship Repair (Surface Coating); Wood Furniture Manufacturing; <https://www.regulations.gov/document/EPA-HQ-OAR-2010-0786-0057>

9. **Ndoh C.**, USEPA (2011) Agency Information Collection Activities; Submission to OMB for Review and Approval; Comment Request; Application Requirements for the Approval and Delegation of Federal Air Toxics Programs to State, Territorial, Local and Tribal Agencies (Renewal), EPA ICR Number 1643.07, OMB Control Number 2060-0264
10. **Ndoh C.**, USEPA (2010) Agency Information Collection Activities; Proposed Collection; Comment Request; Application Requirements for the Approval and Delegation of Federal Air Toxics Programs to State, Territorial, Local, and Tribal Agencies; EPA ICR No. 1643.07, OMB Control No. 2060-0264
11. Pope A., **Ndoh C.**, Chappell L.; (2009) Analysis of Multi-Pollutant Emissions Inventories for Key Industrial Sectors Project
https://gaftp.epa.gov/Air/nei/ei_conference/EI18/session9/pope.pdf

3. Published Abstracts

1. King, S. Cummings, C., **Ndoh, C.**, Stauffer, S., and J. Kuzma. Synthetic Biology Policy Delphi: When Expert Opinion Meets Public Engagement. Poster for NSF-funded Workshop on the Research Agendas of the Societal Implications of Synthetic Biology. Arizona State University. November 4- 6, 2014
2. **Ndoh, C.**, Kuzma, J., Cummings, C., Stauffer, S., and S. King. Regulatory Case-Study Analysis of a Synthetic Biology Application: Nitrogen fixation in rice crops through symbiosis with Mesorhizobium loti. Gordon Research Conference on Science and Technology Policy. Poster. August 10-15, 2014.

SERVICE

Service to School and University

Years	Committee	Position
2024	University Community Engagement Carnegie Classification Task Force Member	Member
2023	Retreat Committee, Department of Environmental and Occupational Health, University of Pittsburgh	Member
2023	Website Committee, Department of Environmental and Occupational Health, University of Pittsburgh	Member
2022-Present	Faculty Ad-Hoc Committee for Sustainability, University of Pittsburgh	Subcommittee Lead

3, Service for Practice and Policymaking, including Consultantships

a. Governmental Organizations

Date	Position	Type of Service and/or Agency
2022	DEI, Workforce Recruitment Committee	US EPA; Office of Air Quality Planning and Standards
2022	Co-Chair, National Performance Goal for Capacity Building	USEPA- Agency-wide committee
2012-2015	Co-Lead and Member, Technical Training Team	USEPA Sectors, Policies and Programs Division

b. Non-Governmental and Community-Based Organizations

Date	Position	Type of Service and/or Organization
2024-Present	Lead Science Team	Cancer and Environment Network of SW PA
2023- Present	Board Member	Women for a Healthy Environment
2023-Present	Advisory Board Member	Black Environmental Collective
2019-2017	President	Durham Chapter of Jack and Jill
2017	President	Jordan High School, PTSA
2016	Committee Chair and Founder	Parents of African-American Children, Jordan High School
2017-2015	Five-Star Committee Chair and Editor	Durham Chapter of Jack and Jill
2015-2017	Program Director	Durham Chapter of Jack and Jill

Manuscript Review

Dates	Journal Title
2024	Science of the Total Environment
2021-2022	RTI Press