
Privacy Notice

I hereby acknowledge that the information I provide in this application is subject to disclosure pursuant to the North Carolina Public Records Laws, and that I provide the information contained in this application freely and voluntarily, and that by submitting my application to Wake County I consent to such disclosure pursuant to the North Carolina Public Records Laws, and that I waive and release Wake County, its agents, employees and elected and appointed officials, from any liability related to disclosure of any information provided herein.

Profile**Which Boards would you like to apply for?**

Library Commission: Submitted

Please select your first Board preference: *

 City of Raleigh Planning Commission**Please select your second Board preference: ***

 Library Commission**Please select your third Board preference: ***

 Wake County Water Partnership**Please select your fourth Board preference: ***

 Water Partnership**Please select your fifth Board preference: ***

 City of Raleigh Board of Adjustment**Please select your sixth Board preference: ***

 Historic Preservation Commission

Ryan

First Name

McCune

Last Name

Middle
Initial

2704 Verde Dr

Street Address

Apt D

Suite or Apt

Raleigh

City

NC

State

27603

Postal Code

What district do you live in?

None Selected

Mobile: (717) 676-7023

Primary Phone

Home: (717) 676-7023

Alternate Phone

mccune.rt@gmail.com

Email Address

NC State University

Employer

Graduate Research Assistant

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I am a young professional attending graduate school at NC State University and have enjoyed living in Wake County for the last four years. I took active roles volunteering in my prior residential area and would love to get more involved in volunteering in Wake County as I intend to make this my permanent home. I have an extensive background in civil and environmental engineering which I believe sets a strong foundation for understanding the role of and serving on many of the citizen advisory boards.

Work Experience

I have had several experiences in private engineering consulting and design with private civil engineering and landscape architecture firms. I am currently a full-time engineering researcher at NC State University pursuing a PhD in civil engineering.

Volunteer Experience

Recently in the area I have volunteered with AventWest Children's Mentorship Program and Wake County Big Sweeps.

Education

BS Civil Engineering - University of Delaware
BS Environmental Engineering - University of Delaware
Masters of Civil Engineering - NC State University
Currently enrolled PhD Civil Engineering - NC State University

Comments

I know that I am a young volunteer for several of these boards, but I have a genuine interest and passion in local government involvement. I am originally from Pennsylvania and my mother worked for our local government for 40 years, so attending meetings and taking active interest and roles in our local area was ever present. I would love the opportunity to be more active in Wake County and provide my time in service to the community.

[RyanMcCune.pdf](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth

Gender *

Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found [here](#).

RYAN THOMAS McCUNE, E.I.T.

+1 (717) 676-7023 · ryan@rmccune.io

rmccune.io

Department of Civil, Construction, and Environmental Engineering
North Carolina State University · 915 Partners Way, Raleigh, NC, 27695-7908

EDUCATION

Ph.D. Civil Engineering	Expected 2027
North Carolina State University	Raleigh, NC
<i>Concentration in Coastal Engineering</i>	
Master of Civil Engineering	2025
North Carolina State University	Raleigh, NC
<i>Concentration in Coastal Engineering</i>	
Honors Bachelor of Environmental Engineering with Distinction	2022
University of Delaware	Newark, DE
<i>Thesis: Potential Impacts of Soil Aging on TDR Calibrations of Biochar Amended Urban and Coastal Soils</i>	
Honors Bachelor of Civil Engineering	2022
University of Delaware	Newark, DE
<i>Concentration in Facilities Design and Construction</i>	

PROFESSIONAL EXPERIENCE

Graduate Research & Teaching Assistant 2022-present
Dept. of Civil, Construction, and Environmental Engineering, NC State University Raleigh, NC

- Investigate chronic "sunny day" flood hazards by developing high-resolution coupled simulations using SFINCS and ADCIRC numerical models.
- Architect custom Python workflows on High-Performance Computing (HPC) systems to process geospatial data and automate model forcing.
- Collaborate within the interdisciplinary "Sunny Day Flooding Project," integrating physical hydrodynamic modeling with social impact data to characterize regional flood risk.
- Mentor undergraduate researchers, providing technical training in Python programming and semantic image segmentation to support independent inquiry.
- Delivered annual guest lectures for the Introduction to Coastal Engineering course and facilitated semester-long student success through technical office hours and assessment.

Research Intern 2022
United States Geological Survey St. Petersburg, FL

- Leveraged MATLAB to analyze high-frequency imagery from the USGS coastal camera network, utilizing statistical techniques to extract and quantify wave runup parameters.
- Transformed raw optical data into actionable hydrodynamic metrics to support coastal change research.

Engineering Intern 2020-2022
Coastal Resilience Design Studio, University of Delaware Newark, DE

- Achieved First Place in the Coastal & Estuarine Research Federation (CERF) national design competition for an innovative, resilience-focused coastal infrastructure proposal.
- Developed community-informed conceptual designs for public infrastructure within a multi-disciplinary team of landscape architects, policy analysts, and engineers to integrate technical constraints with aesthetic and regulatory requirements.

Undergraduate Research Assistant 2018-2022
Dept. of Civil & Environmental Engineering, University of Delaware Newark, DE

- Investigated the hydraulic performance of biochar-amended soils for stormwater filtration, performing sensor calibrations using Time Domain Reflectometry (TDR) probes.
- Conducted independent laboratory analysis to quantify the Electron Reduction Capacity (ERC) of biochar substrates for environmental remediation applications.
- Supported transportation planning studies by deploying JAMAR counters to capture and analyze field traffic volume data.

Engineering Intern 2020-2021
C.S. Davidson, Inc. York, PA

- Analyzed historical state contract datasets to develop updated unit price schedules, directly improving the accuracy of cost estimation and bidding for future municipal projects.
- Conducted technical reviews of land development plans to ensure compliance with municipal ordinances, zoning codes, and stormwater regulations.
- Performed field operations including precision field surveys and stormwater BMP inspections to verify construction quality and document existing infrastructure conditions.

Engineering Intern 2019
Manchester Township York, PA

- Established a digital inventory of over 300 stormwater Best Management Practices (BMPs) by migrating legacy engineering archives into the CSDatum platform.
- Optimized future maintenance operations by centralizing infrastructure data, enabling efficient tracking of BMP performance and necessary repairs.

Keller Family Senior Writing Fellow 2021-2022
Honors College, University of Delaware Newark, DE

- Selected as the inaugural Keller Family Senior Fellow, responsible for leading the fellowship team and managing operational logistics including scheduling and performance reviews.
- Oversaw the professional development of the fellowship team, providing mentorship and actionable reviews to improve coaching strategies.

Writing Fellow 2020-2021
Honors College, University of Delaware Newark, DE

- Selected for a competitive fellowship requiring a semester-long training course in writing pedagogy and communication strategy.
- Partnered with faculty to provide editorial guidance on dozens of essays per semester, mentoring a cohort of 20 students to improve their argumentation and clarity.

Undergraduate Teaching Assistant 2020-2022
Dept. of Civil & Environmental Engineering, University of Delaware Newark, DE

- Provided supplementary instruction during office hours, translating theoretical engineering concepts into practical problem-solving strategies for students.
- Evaluated technical assignments and exams against established rubrics, providing detailed feedback to identify gaps in understanding.

Munson Fellow 2019-2020
Honors College, University of Delaware Newark, DE

- Selected as a residential peer mentor to facilitate the academic and social transition of incoming Honors students, directly supporting university retention goals.
- Advised a cohort of first-year students on course selection and degree planning, serving as a critical resource for navigating university administration and academic requirements.
- Designed and executed social programming and community-building events, effectively managing logistics to enhance the student living-learning environment, foster a cohesive residential community and promote student engagement.

HONORS & AWARDS

National Defense Science & Engineering Graduate Fellowship	2024-2027
ICCE Student Travel Scholarship	2026
KIETS Climate Leaders Program Scholar	2024
AGU Outstanding Student Presenter Award	2023
NSF Graduate Research Fellowship Program, Honorable Mention	2023
EWC Student Poster Competition, 2nd Place	2023
Provost Doctoral Fellowship, North Carolina State University	2022
American Society of Landscape Architects Award of Excellence in Student Collaboration	2022
PA-DE Chapter of the American Society of Landscape Architects Student Honor Award	2022
RJN Foundation Department of Civil & Environmental Engineering Award	2022
1st Place 2021 Coastal & Estuarine Research Federation Design Competition	2021
Delaware Section of the American Society of Civil Engineers Junior Award	2021
Honors Enrichment Award, University of Delaware Honors College	2021
Chair's Fellowship, University of Delaware Dept. of Civil & Environmental Engineering	2021

CONFERENCE PRESENTATIONS

Oral Presentations

- Collins, J., Hino, M., **McCune, R.**, Anarde, K., Frankenberg, E., (2025). *Tolerating the tide: accommodation and tolerance of chronic coastal flooding in rural North Carolina*. Population Association of America Annual Conference. Washington, D.C., 2025.
- McCune, R.**, Anarde, K., (2025). *Evaluation of Chronic Coastal Flooding Inundation of Low-Lying Roadways and Impacts to Community Livability*. Presented at the 3rd Regional (East Coast) Peer Exchange for Sustainable Eco-Resilient Bridges and Structures. Raleigh, August 2025.
- McCune, R.**, Anarde, K., Sebastian, A., Collins, J. P., Grimley, L., Hamidi, E., Hino, M., Dietrich, J. C., (2025). *The End of the Road: Present and Future Chronic Flood Risk Along Coastal Roadways and Impacts to Community Livability*. Presented at the AGU Fall Meeting. New Orleans, December 2025.
- Hino, M., Anarde, K., **McCune, R.**, Thelen, T., Farquhar, E., Fridell, T., Whipple, T., Woodard, P., (2024). *Incidence and Impacts of Chronic Coastal Flooding in North Carolina*. Invited presentation at the AGU Fall Meeting. Washington, D.C., 2024.
- McCune, R.**, Anarde, K., Goldstein, E. B., Srebnik, E. R., Thelen, T., Hino, M., (2024). *Quantification of chronic coastal flooding using machine learning*. Presented at the International Conference of Coastal Engineering. Rome, September 2024.
- McCune, R.**, Anarde, K., Goldstein, E. B., (2023). *Semantic Image Segmentation of Coastal Roadway Inundation*. Presented at the AGU Fall Meeting. San Francisco, December 2023.
- Muldrow, L., **McCune, R.**, Bruck, J., (2022). *Resilient Self-Generative Infrastructure: A Blue Carbon Solution for Coastal Protection in Hampton, VA*. PA-DE ASLA Conference on Landscape Architecture. Wilmington, April 9, 2022.

Poster Presentations

- McCune, R.**, Anarde, K., Goldstein, E., Baker, C., (2025). *Quantification of Chronic Coastal Flooding: A machine learning-driven approach to water level extraction*. Presented at the NC State Environmental, Water, and Coastal Engineering Symposium. March 21, 2025.
- McCune, R.**, Anarde, K., Goldstein, E., (2024). *Witness to the Rising Tide: Semantic Image Segmentation of Chronic Coastal Flooding*. Presented at the NC State Environmental, Water, and Coastal Engineering Symposium. March 8, 2024.
- McCune, R.**, Anarde, K., Hino, M., Frankenburg, E., Amspacher, K., (2024). *Rising tides, drowning ditches: Analysis and communication of chronic coastal flooding in rural communities*. Presented at the National Adaptation Forum. Baltimore, May 2024.
- McCune, R.**, Collins, J., Anarde, K., Hino, M., (2024). *A Summer Down East: Internship and Research Experiences in Carteret County*. Presented at the KIETS Climate Leaders Symposium 2024. September, 2024.
- McCune, R.**, Anarde, K., Goldstein, E., (2023). *On-device Machine Learning for Identifying the Spatial Extent of Chronic Coastal Flooding*. Presented at the NC State Environmental, Water, and Coastal Engineering Symposium. March 10, 2023.
- Anarde, K., Goldstein, E., Bolewitz, J., **McCune, R.**, Gold, A., Hino, M., (2022). *On-device machine learning for identifying the spatial extent of chronic coastal floods*. Presented at the International Conference of Coastal Engineering. Sydney, December 5, 2022.

McCune, R., Fettke Von Koeckritz, H., Bruck, J., Puleo, J. A., (2021). *Fenwick Island Dune Encroachment Monitoring Project*. Presented at the Young Coastal Scientists and Engineers Conference – Americas. Myrtle Beach, October 30, 2021.

PUBLICATIONS

Peer-Reviewed Journal Articles (Published or Accepted)

Hino, M., Anarde, K., Fridell, T., **McCune, R.**, Thelen, T., Farquhar, E., Woodard, P., Whipple, A., (in press). “Land-based sensors reveal high frequency of coastal flooding”. In: *Nature Communications Earth and Environment*. In press.

Naquin, K., Adams, D. R., Bailey, M. M., Brown, L., Diez, M., Kanipe, J., **McCune, R.**, Thelen, T., Hunter, D. L., Cooper, C. B., (Apr. 2025). “Not Empty Rain Gauges: Experienced Hobbyists Fulfilled in a Contributory Project”. In: *Citizen Science: Theory and Practice*. DOI: 10.5334/cstp.774.

Peer-Reviewed Journal Articles (Under Review & In Preparation)

McCune, R., Anarde, K., Goldstein, E., Baker, C., (in preparation). “Quantification of chronic coastal flooding: a machine-learning driven approach to water level extraction”. In preparation for Water Resources Research.

Datasets

Ku, V., Gabbula, S. R. A. K., **McCune, R.**, Budavi, P., Sigdel, R., Buscombe, D., Favela, J., Shah, M., Goldstein, E. B., Fitzpatrick, S., (2022). “Segmentation Labels for Emergency Response Imagery from Hurricane Barry, Delta, Dorian, Florence, Isaias, Laura, Michael, Sally, Zeta, and Tropical Storm Gordon”. In.

PROFESSIONAL DEVELOPMENT

COPRI Leadership Summit, Reston, VA	2026
Community Surface Dynamics Modeling System Annual Meeting, Boulder, CO	2025
Earth Surface Processes Institute, Boulder, CO	2025
From Ice Sheets to the Coast: Sea-Level Rise Impacts Workshop, Houston, TX	2024
KIETS Climate Leaders Symposium, Raleigh, NC	2023
5th NOAA AI Workshop, virtual	2023
Coastal Imaging Research Network Workshop, Duck, NC	2023
Blue Economy Workshop, Morehead City, NC	2023

PROFESSIONAL SERVICE

Chair, EWC Seminar Visiting Student Logistics Committee	2026
Student Ambassador, NC State Climate and Sustainability Academy	2025

Session Chair and Organizer, AGU Annual Meeting "The MacGyver Session" Ocean Sciences Poster Session	2025
Member, EWC Seminar Visiting Student Logistics Committee	2025
Organizer and Moderator, Panel: Community Responses to Chronic Flooding and Sea-Level Rise Impacts, North Carolina Coastal Conference	2024
Chair, EWC Seminar Food Committee	2024
Member, EWC Seminar Food Committee	2023
Student Member, Provost Search Committee, University of Delaware	2022
Engineering Ambassador, College of Engineering, University of Delaware	2022
Engineering Ambassador, Dept. of Civil & Engineering, University of Delaware	2021-2022
Honors College Ambassador, University of Delaware	2019-2022

LEADERSHIP

President, Coasts, Oceans, Ports & Rivers Institute Student Chapter	2025-present
Vice President, Coasts, Oceans, Ports & Rivers Institute Student Chapter	2023-2024
Vice President, Environmental Engineering Student Association	2020-2022
Parliamentarian, Phi Sigma Pi National Honor Fraternity Alpha Eta Chapter	2021

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Profile

Which Boards would you like to apply for?

Library Commission: Submitted

Please select your first Board preference: *

Library Commission

Please select your second Board preference: *

None Selected

Please select your third Board preference: *

None Selected

Please select your fourth Board preference: *

None Selected

Please select your fifth Board preference: *

None Selected

Please select your sixth Board preference: *

None Selected

Susan

First Name

B

Middle Initial

Goldhaber

Last Name

4112 Gardenlake Drive

Street Address

Suite or Apt

Raleigh

City

NC

State

27612

Postal Code

What district do you live in?

None Selected

Mobile: (919) 781-5876

Primary Phone

Home: (919) 781-5876

Alternate Phone

suegold1984@gmail.com

Email Address

American Council of Science
and Health

Employer

Writer (part-time)

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I would like to serve on the Library Commission because I come from a family of librarians, my mother was a librarian, and my sister and niece are currently librarians. It absolutely love libraries, as I have been going to my local library since I was a toddler. In Raleigh, I tutored low literacy adults through the Triangle Literacy Council from 2006-2019 and we met at whatever library was closest to my client. Because of this, i have spent time at many Wake County libraries and have seen how the libraries play such an essential part of people's lives in Wake County.

Work Experience

Writer (part-time), American Council on Science and Health (ACSH), 2021-present
Independent Consulting, SBG Consulting, Inc., 2000-2025 Toxicologist: The Cadmus Group (2015-2019), ICF International (2014-2019), ToxServices LLC (2008-2013), North Caroling Dept. of Environment and Natural Resources (2005-2007), Constella Group (2001-2005), Research Triangle Institute (1991-2000), US EPA Office of Drinking Water (1980-1988)

Volunteer Experience

Member of Jewish Community Relations Council (JCRC) of Greater Raleigh, 2019-2026 Tutor for Low Literacy Adults at Triangle Literacy Council, 2006-2019 Board member of Jewish Federation of Greater Raleigh, 2010-2015 Chairperson of Raleigh Holocaust Commemoration, 2010-2012

Education

MPH, Environmental Health and Toxicology, University of Michigan, 1980 BS, Natural Resources, University of Michigan, 1977

Comments

I currently serve on the Board for Toxicology Excellence for Risk Assessment (TERA), a nonprofit promoting excellence in science. I am an avid reader, and have been in multiple book clubs since I moved to Raleigh in 1988. I love teaching people to read, and one of my biggest success stories when I tutored at the Triangle Literacy Council was teaching a man to read and then guiding him through the Commercial Driving License (CDL) process so he could become a truck driver.

[Goldhaber_resume_3_20_2026.docx](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth

Gender *

Female

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

Other

If you selected "Other" above, how?

Through Vickie Adamson, County Commissioner

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found [here](#).

Susan B Goldhaber

Susan B. Goldhaber, MPH
4112 Gardenlake Drive
Raleigh, North Carolina 27612
suegold1984@gmail.com

Over 4 decades of experience in toxicology, risk assessment, and environmental health

Experience

Writer, American Council on Science and Health (ACSH), 2021-Present

Prepared over 50 articles for the American Council of Science and Health (ACSH) on topics related to toxicology, risk assessment, and environmental health. ACSH's mission is to publicly support and use evidence-based science and medicine and to educate the public by debunking junk science and exaggerated health scares. Articles include: EPA Scientifically-Challenged PFAS Numbers; The Wonderful World of Toxicology; Autism and Baby Foods; Pulling Back the Curtain on EPA's PFAS Health Advisories; Science and Glyphosate; Lead and IQ; and the Flint Water Crisis.

Independent Consultant, SBG Consulting, Inc., 2000-2025

Support organizations on projects dealing with risk assessment and environmental toxicology. Supported EPA on many projects including: Children's Environmental Health Research Roadmap; Provisional Advisory Levels (PALs) documents for Acrylonitrile and other chemicals; IRIS Toxicological Review Documents on ethyl benzene, ethanol, propionaldehyde, and 2,2,4-trimethylpentane; The Health Effects of Disinfection By-Products, including Chloroform and Bromoform, in Children; and assessment of the Integrated Exposure Uptake Biokinetic (IEUBK) model for lead in children.

Senior Associate, The Cadmus Group, Inc., 2015-2019

Supported EPA's Office of Water on environmental toxicology projects. Derived health benchmarks for pharmaceuticals in drinking water, review toxicology references and summarized relevant information for the Technical Support Document for the Disinfection and Disinfection By-Products Rule, and summarize toxicology papers for chemicals nominated for the Chemical Contaminant List 4 (CCL4).

Environmental Health Science Consultant, ICF International, 2014-2019

Prepared sections of IRIS Toxicological Review Document on arsenic and PCBs for EPA, using evidence-based approach to review and synthesize relevant studies. Reviewed and extracted relevant data from studies on lead and hypertension, PFOA/PFOS and immunotoxicity, transgenerational inheritance of health outcomes, fluoride and cognitive/behavioral effects, and the health effects of neonicotinoid pesticides and progestins for National Institute of Environmental Health Sciences (NIEHS) assessments.

Environmental Toxicologist, ToxServices, LLC, 2008-2013

For EPA, prepared Provisional Toxicity Value (PTV) scoping documents and background documents for several chemicals and prepared Health Effect Support Documents and Cumulative Risk Document on six nitrosamines. Prepared Health

Effects Support Document for Perchlorate and white paper for the National Academy of Sciences on Approaches to Assessing Risk from Pharmaceuticals in Drinking Water.

Toxicologist, North Carolina Department of Environment and Natural Resources, Division of Waste Management, Hazardous Waste Section, 2005-2007

Acted as an advisor to the Division and Department on matters and policy impacted by environmental contaminants. Conducted risk evaluations of hazardous waste sites as necessary to determine if an imminent hazard to public health exists and to determine appropriate clean-up levels. Evaluated air, water, and soil for potential environmental effects of contaminants. Presented toxicological data and risk assessment results in meetings with the public, industry, and other governmental agencies.

Senior Research Specialist, Constella Group, LLC, 2001-2005

Prepared sections of Toxicological Background Documents for the NTP, National Institute of Environmental Health Sciences, 11th and 12th Report on Carcinogens. Conducted online database searches using PubMed, Web of Science, and other databases. Researched toxicological issues for a variety of chemicals and responded to reviewer's comments and revised background documents based on comments.

Research Environmental Toxicologist, Research Triangle Institute, 1992-2000

For the Agency for Toxic Substances and Disease Registry (ATSDR), served as principal author and/or authored sections of toxicological profiles for 1,4-dichlorobenzene, toluene, cyanide, 1,2-dichloroethane, 1,1,2,2-tetrachloroethane, benzidine, and RDX. For the EPA: prepared a Health Effects Notebook for the Office of Air Quality Planning and Standards; revised and updated a document on Risk Assessment and Fish Consumption Limits; prepared the drinking water section for the 1998 National Water Quality Inventory Report to Congress; and prepared a database of the public comments on EPA's proposed TSCA Inventory Update Rule.

Toxicologist, U.S. EPA, Office of Drinking Water, 1980-1988

Prepared briefing papers on the health effects of chemicals detected in drinking water supplies. Lead responsibility in developing the Revised Primary Drinking Water Regulations under the Safe Drinking Water Act for 40 inorganic and organic chemicals, including writing, editing, and overall preparation of Federal Register materials and coordinating the public comment process. Prepared and presented briefing papers on drinking water policy for EPA's Administrator, Science Advisory Board meetings, and briefings of Agency management.

Education

MPH, Environmental Health, University of Michigan, 1980

BS, Natural Resources, University of Michigan, 1977

Volunteer Activities

Member of Jewish Community Relations Council (JCRC) of Greater Raleigh, 2019-2026

Tutor for Low Literacy Adults at Triangle Literacy Council, 2006 - 2019

Board Member of Jewish Federation of Greater Raleigh, 2010-2015

Chairperson of Raleigh Holocaust Commemoration, 2010-2012

Selected Publications and Presentations

EPA's Unprecedented Interim Drinking Water Health Advisories for PFOA and PFOS/Issues Paper. Groundwater. doi:10.1111/gwat.13303. February 2023.

Utilizing the Six Sigma Framework to Radically Change EPA's Integrated Risk Information System. International Journal of Scientific Research in Science and Toxicology. 4(1): 1-15. 2019.

Perchlorate: The Two-Decade Journey to a Proposed Rule. International Journal of Scientific Research in Science and Toxicology. 4(1): 1-8. 2019.

Systematic Review of Community Health Impacts of Mountaintop Removal Mining. Environment International. 107: 163-172. 2017.

Children's Environmental Health Research Roadmap. U.S. Environmental Protection Agency, Office of Research and Development. EPA/601/R-15/001. October 2015.

Evaluation of Human Health Benchmarks of Four 'Possibly' Essential Elements: Arsenic, Boron, Nickel and Vanadium. Poster presentation at the Society of Toxicology Annual Conference, March 23-27, 2014.

Evaluation of Selected Nitrosamines as Candidates for Regulatory Determination using a Group Approach. Poster presentation at the Society of Toxicology Annual Conference, March 10-14, 2013.

Provisional Advisory Levels (PALs) for Acrylonitrile. Inhalation Toxicology. Vol. 21, Supplement 3: 17-55. December, 2009.

Pharmaceuticals and Personal Care Products in Water – Toxicological Issues. Poster presentation at the American Public Health Association Annual Conference, November 7-11, 2009.

Vapor Intrusion and the Risk to Public Health. Oral presentation at the American Public Health Association Annual Conference, November. 5-8, 2006.

11th edition Report on Carcinogens, US DHHS, Public Health Service, National Toxicology Program, January 2005.

Science in Environmental Health Risk Assessment: Chromium as a Case Study. Poster Presentation at the American Public Health Association's 132nd Annual Meeting, November 6-10, 2004.

Trace element risk assessment: Essentiality vs. Toxicity. Regulatory Toxicology and Pharmacology. 38(2): 232-242. October 2003.

ATSDR. Toxicological Profiles for 1,4-dichlorobenzidine, toluene, cyanide, 1,2-dichloroethane, 1,1,2,2-tetrachloroethane, benzidine, and RDX. Public Health Service, Atlanta, GA. 1994 - 1999.

Comparison of Hazardous Air Pollutant Health Risk Benchmarks. Environmental Science and Technology. 31(12): 568A-573A. December 1997.

Development of the Revised Drinking Water Standard for Chromium, in Proceedings of the Society of Governmental Toxicologist's Symposium on Chromium in Modern Life. May 23, 24, 1988.

Regulatory Significance of Organic Contaminants in the Decade of the '80s, in Organic Carcinogens in Drinking Water: Detection, Treatment, and Risk

Assessment, edited by N. Ram, E. Calabrese, and R. Christman, John Wiley and Sons, 1986.

Development of Drinking Water Regulations for Organic Contaminants in the United States, in Treatment of Drinking Water for Organic Contaminants, Proceedings of the Second National Conference on Drinking Water, Edmonton, Canada, April 7, 8, 1986.

Professional Memberships and Associations

Board Member of Toxicology Excellence for Risk Assessment (TERA)

Society of Toxicology

American Chemical Society

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Profile

Which Boards would you like to apply for?

Library Commission: Submitted

Please select your first Board preference: *

Library Commission

Please select your second Board preference: *

Library Commission

Please select your third Board preference: *

Library Commission

Please select your fourth Board preference: *

Library Commission

Please select your fifth Board preference: *

Library Commission

Please select your sixth Board preference: *

Library Commission

Karen

First Name

E

Middle Initial

Ryden

Last Name

2201 Tallon Hall Court

Street Address

Unit 105

Suite or Apt

Raleigh

City

NC

State

27607

Postal Code

What district do you live in?

None Selected

Home: (919) 523-8573

Primary Phone

Home: (919) 523-8573

Alternate Phone

rydenk@bellsouth.net

Email Address

Retired

Employer

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I am a verbal and vocal advocate for all the services provided to its citizens by the Public Library, our society would be less without it

Work Experience

For the last 21+ years I have worked in Corporate America for a Services Company in various roles from Analysts to Client Facing roles.

Volunteer Experience

Past Chair of Neighbor to Neighbor Triangle Family Services Board Member Holy Michael Foundation Board Member Episcopal Campus Ministry Board Member Friends of Oberlin Village Board Member Habitat Volunteer Food Bank Volunteer Meals on Wheels Volunteer Precinct 01-01 Secretary

Education

BA Political Science Campbell University

Comments

I am interested in the upcoming at-large seat for summer of 2026 .It would be an honor to serve on this Board as it continues to serve ALL residents of Wake County.

[Karen_Ryden_Resume.R.031026.docx](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Karen E Ryden

Please upload a file

Demographics

Date of Birth

Gender *

Female

Ethnicity *

African American

Other

How did you become aware of Wake County volunteer opportunities?

Other

If you selected "Other" above, how?

Current Member

Please upload a file

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By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found [here](#).

Karen Ryden

Raleigh, North Carolina

919-523-8573 | rydenk@bellsouth.net

Retired Program Manager | Community Volunteer & Nonprofit Board Member

Dedicated community volunteer and nonprofit leader with a long-standing commitment to civic engagement, service, and community development. Experienced in nonprofit governance, board leadership, community outreach, and volunteer support. Passionate about strengthening organizations that serve families, education, and community heritage in Raleigh and Wake County.

Community Leadership & Board Service

Neighbor to Neighbor (N2N) – Raleigh, NC

Board Chair (Past) | Board Member

- Provided leadership and governance support for a nonprofit focused on strengthening families and communities.
- Partnered with executive leadership and board members on strategic initiatives and organizational development.
- Supported governance practices, board recruitment, and strategic planning efforts.

Triangle Family Services – Raleigh, NC

Board Member

- Supported a nonprofit dedicated to providing financial stability, counseling, and family support services.

- Contributed to board-level discussions regarding programs, governance, and community engagement.

Holy Michael Foundation / Episcopal Campus Ministry – Raleigh, NC
Board Member

- Served in governance roles supporting campus ministry and faith-based outreach programs.
- Assisted in program oversight and mission-driven initiatives supporting students and community members.

Friends of Oberlin Village – Raleigh, NC
Board Member

- Support preservation and education efforts related to the historic Oberlin Village community.
- Assist with community engagement and outreach activities.

Community & Volunteer Service

Habitat for Humanity Volunteer

Participate in volunteer activities supporting affordable housing initiatives.

Food Bank Volunteer

Assist with community food distribution and support efforts to address food insecurity.

Meals on Wheels Volunteer

Deliver meals and provide support to homebound seniors in the Raleigh community.

Wake County Democratic Party - Precinct 01-01

Secretary / Treasurer

- Support precinct organization, communications, and administrative responsibilities.
- Assist with community engagement and civic participation efforts.

Additional Community Involvement

Partners Read - Olds Elementary School

Volunteer supporting literacy and educational initiatives.

Professional Background

Prior to retirement, held leadership roles with **Kyndryl and IBM**, focusing on program management, governance, audit compliance, and operational leadership. Known for strong communication, organizational leadership, and collaborative problem solving.

Education

Bachelor of Arts - Political Science

Campbell University

Buies Creek, North Carolina

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Profile

Which Boards would you like to apply for?

Library Commission: Submitted

Please select your first Board preference: *

Human Services Board

Please select your second Board preference: *

Juvenile Crime Prevention Council

Please select your third Board preference: *

Adult Care Home Community Advisory Committee

Please select your fourth Board preference: *

Nursing Home Community Advisory Committee

Please select your fifth Board preference: *

Library Commission

Please select your sixth Board preference: *

Citizen's Energy Advisory Commission

Abirami

First Name

Senthil-Murugan

Last Name

Middle Initial

2021 Thesis Cir

Street Address

Suite or Apt

Raleigh

City

NC

State

27603

Postal Code

What district do you live in?

None Selected

Home: (980) 643-2283

Primary Phone

Home: (980) 643-2319

Alternate Phone

asenth23@ncsu.edu

Email Address

Employer

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I am interested in serving on a Board or Commission because I care deeply about how local policy, public health systems, and community advocacy intersect to shape health outcomes for real people in our community. As a biomedical engineering major with a minor in public policy, I am trained to quickly identify needs, evaluate constraints, and think critically about practical solutions - skills that align closely with the responsibilities of advisory boards and commissions. This background has shaped the way I approach community challenges: by listening carefully, analyzing systems, and working toward sustainable, evidence-based improvements. Through my experiences in health education, CPR instruction, as well as my work with children and families, I have seen firsthand how county programs and funding decisions can either remove barriers or unintentionally create them. These experiences have shaped my growing research interests in health equity and prevention, particularly how local policies and programs can reduce disparities and improve outcomes for underserved communities. Serving on a board or commission would allow me to contribute a thoughtful, community-centered perspective while learning from professionals across sectors and supporting initiatives that promote equitable and sustainable health outcomes throughout Wake County.

Work Experience

N/A - All of my relevant experience has been through volunteer leadership, health initiatives, and community programs.

Volunteer Experience

Founder, Care4Cardio - 2022 - 2024 Founded a student-led organization focused on cardiology education and community health; organized CPR workshops, health education sessions, and food drives to improve local wellbeing. Youth Committee Lead, Local Volunteering Organization - 2022 - 2024 Recruited, trained, and coordinated over 100 volunteers; organized cultural events, street clean-ups, and community service initiatives in partnership with local organizations. Educational Game for Children with Disabilities (in development) - 2025 - Present Collaborating with peers to design a hands-on interactive game using circuits and Arduino that promotes learning, engagement, and skill-building for children with low motor skills. Children's Book Project - 2024 Wrote and donated a children's book to a school in Charlotte to promote literacy and inspire young learners. Telemedicine Initiative for Seniors (in planning) - 2026 Developing a community initiative to help older adults navigate Telehealth resources and improve access to care. Leadership & Campus Involvement President, American Student Association at NCSU - 2026 - Present Active Member, MedLife - 2024 - Present Social Chair, Dance Team - 2024 - Present

Education

Bachelor of Science in Biomedical Engineering (Lampe Joint NCSU/UNC Program) - Expected Graduation May 2028 Minor in Biology - North Carolina State University Minor in Public Policy - University of North Carolina at Chapel Hill Coursework and interests include health systems, public health, and applying engineering principles to improve community health outcomes.

Comments

I am currently working toward my Registered Behavior Technician (RBT) certification and gaining experience as a Medical Assistant to further develop my skills in patient care and health systems. I hope these experiences will complement my service on a board or commission and allow me to contribute effectively to community health initiatives.

[Abirami_Senthil_Resume.pdf](#)

Upload a Resume

[wakecountycoverletter.pdf](#)

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth

Gender *

Female

Ethnicity *

Asian

Other

Abirami Senthil-Murugan

How did you become aware of Wake County volunteer opportunities?

Other

If you selected "Other" above, how?

Researched Wake County volunteer opportunities online via the Wake County Boards and Commissions website.

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found [here](#).

Abirami Senthil-Murugan

asenth23@ncsu.edu | abirami.senthil2006@gmail.com | 980-643-2283

Local address: 2021 Thesis Cir, Raleigh, NC 27603

Objective:

- Biomedical Engineering pre-med student seeking a clinical and research position to contribute analytical and patient-centered skills while gaining hands-on experience in health equity and translational medicine.

Education

- **North Carolina State University + UNC-CH (Joint Program)** **August 2024- Present**
Second-Year Biomedical Engineering Major
Expected Graduation: May 2028
- **Ardrey Kell High School** | Ballantyne, NC **August 2020 - June 2024**
Top 10% of graduating class/Junior Marshal | GPA: 4.48
Speech and Debate Varsity and National competitor
Charlotte Mecklenburg Youth Council
Seal of biliteracy in Tamil

Relevant Experience

Research Project | NC State | Raleigh, NC – March 2025 – Present

- Developing accessible games for children with motor disabilities using circuits

Tamil School| Assistant Teacher + Volunteer + Homework Grader | Charlotte, NC – August 2021 – August 2024

- Taught classes including revising old lessons and lecturing new content
- Graded students' homework, took them on bathroom breaks, and sat them through story time

Care4Cardio | Founder | Ballantyne, NC – June 2022 – May 2024

- Organized CPR workshops and health initiatives for local children
- Managed volunteers and collaborated with local organizations
- Conducted community outreach and patient-education activities

Charlotte Tamil Sangam | Youth Committee Lead | Charlotte, NC – August 2022 – August 2024

- Managed 100+ volunteers for cultural and volunteering events
- Coordinated partnerships with local organizations

Raise a Child of the Carolinas | STEM Summer Camp Counselor | Charlotte, NC – June 2021 – August 2022

- Educated children aged 6–13 in STEM topics and hands-on experiments
- Developed schedules and learning plans, enhancing communication and organizational skills

Campus Engagement

- American Medical Student Association | President - Founded and currently leading a new AMSA chapter, coordinating initial meetings and planning future programming focused on health advocacy and professional development.

- Society of Women Engineers | Member – Participate in networking events, mentorship opportunities, and career development activities within the engineering community.
 - Junoon Dance Team | Social Chair – Coordinate team bonding activities and assist with organizing performances to promote collaboration and engagement.
 - Med Life | Member – Participate in service initiatives and educational efforts focused on improving healthcare access for underserved communities.
-

Additional Experience

The Lost Shadow | Co-Author | Charlotte, NC – October 2023 – Present

- Published book on culture and passion; donated to schools and participated in showcases

Skills

- Communication & Patient Interaction
- Leadership & Management
- Research & Analytical Skills
- Coding (Python, MATLAB, Arduino)
- Critical Thinking & Problem-Solving

Abirami Senthil-Murugan

Raleigh, NC

asenth23@ncsu.edu | 980-643-2283

1/14/2026

Wake County Board of Commissioners

Wake County Government

Dear Members of the Wake County Board of Commissioners,

I am writing to express my interest in serving on a Wake County Board or Commission and contributing to local decision-making that impacts community health and wellbeing. As a Biomedical Engineering major in the joint NC State + UNC program with minors in Biology and Public Policy, I am motivated by the opportunity to apply my academic training and community experience in a public service setting.

My academic background has shaped how I approach challenges: by identifying needs, analyzing systems, and designing solutions grounded in evidence and empathy. Alongside my coursework, my volunteer experiences have reinforced the importance of listening to communities and understanding the real-world impact of policy decisions.

As the founder of Care4Cardio, I organized CPR workshops, health education initiatives, and food drives to promote wellness and preventative care. I also served as Youth Committee Lead for a local volunteering organization, where I coordinated over 100 volunteers for community service and cultural events. These roles strengthened my skills in collaboration, responsibility, and accountability to the communities being served.

I have actively sought opportunities to engage with vulnerable populations through volunteering with Crisis Assistance Ministry, writing and donating a children's book to a Charlotte school, and collaborating with peers to develop an Arduino-based game to support inclusivity for children with low motor control.

Academically, my interests focus on health equity, prevention, and policy-driven approaches to reducing disparities. I am currently seeking research opportunities in health equity and cancer epidemiology and have been in contact with principal investigators to become involved. In parallel, I am pursuing my RBT certification and working towards gaining experience as a Medical Assistant to further develop my understanding of patient care and health systems.

I believe this combination of academic exploration, clinical exposure, and community engagement will allow me to contribute a thoughtful and informed perspective to a Wake County board or commission. Serving in this capacity would be an honor, and I am eager to contribute my skills, energy, and perspective to initiatives that support community health and wellbeing.

Thank you for your time and consideration.

Sincerely,

Abirami Senthil-Murugan

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Profile

Which Boards would you like to apply for?

Library Commission: Submitted

Please select your first Board preference: *

Library Commission

Please select your second Board preference: *

Historic Preservation Commission

Please select your third Board preference: *

None Selected

Please select your fourth Board preference: *

None Selected

Please select your fifth Board preference: *

None Selected

Please select your sixth Board preference: *

None Selected

Thomas

First Name

McBrayer

Last Name

Middle Initial

3440 Apache Drive

Street Address

Suite or Apt

Raleigh

City

NC

State

27609

Postal Code

What district do you live in?

None Selected

Mobile: (828) 850-9163

Primary Phone

Home: (919) 962-6082

Alternate Phone

thommcbrayer@gmail.com

Email Address

University of North Carolina
System

Employer

Strategic Operations Advisor

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I currently serve on the City of Raleigh Police Advisory board, and on a SECU branch advisory board. I love living in Wake County, and I want to contribute to the well-being and success of the county.

Work Experience

See resume attached

Volunteer Experience

See resume attached

Education

See resume attached

Comments

I love the Wake County Public Library system and am a constant user of the services. I think the libraries are a vital part of our community.

[McBrayer_Thomas_Resume_2026.pdf](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Thomas McBrayer

Demographics

Date of Birth

Gender *

Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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EDUCATION

Master of Public Administration December 2020
Appalachian State University, Boone, NC
Concentration in Town, City, and County Management
GPA: 3.9/4.0

Bachelor of Arts, Political Science May 2019
Appalachian State University, Boone, NC
Concentration in Town, City, and County Management
GPA: 3.5/4.0

WORK EXPERIENCE

Director of Operations June 2025-Present
Commission for Public Higher Education (CPHE)

- **Oversees the Day-to-Day Operations of CPHE:** Responsible for managing and optimizing organizational workflows to support efficient operations and advance the organization's mission.
- **Manages CPHE's Information Technology Infrastructure:** Built the organization's first website and established its workspace platform and email accounts. Monitors the IT infrastructure to ensure the systems are running smoothly.
- **Manages the Finances for the organization:** Oversees the organization's bank accounts and financial reporting, and is responsible for processing financial transactions, approving expenditures, and ensuring timely payment of invoices.
- **Assists with the Planning and Facilitating of Board of Directors Meetings:** Helps the Board Secretary coordinate all logistical and administrative components of meetings including agenda preparation, material distribution, scheduling, and minutes recording. Ensures meetings run smoothly, remain on schedule, and achieve their intended outcomes.

Associate Secretary of the University June 2022-July 2025
University of North Carolina System Office

- **Oversaw the Administration of the UNC System Code and Policy Manual:** Responsible for maintaining and updating *The Code* and UNC Policy Manual, ensuring all policies and regulations are in alignment with current legal and institutional standards.
- **Reported and Communicated Code/Policy Manual Amendments to the Board of Governors:** Prepared reports on amendments and technical corrections to *The Code* and UNC Policy Manual to the Board of Governors Committee on University Governance for review.
- **Planned and Facilitated Monthly Board of Governors Meetings:** Managed all logistical aspects of the monthly UNC Board of Governors meetings, including preparing agendas, securing meeting venues, coordinating with board members and senior leadership, and ensuring all materials are distributed in advance. Facilitated the smooth execution of meetings to ensure they stay on schedule and meet their objectives.
- **Supported Board Members in Fulfilling Statutory Appointment Obligations:** Ensured the UNC Board of Governors fulfilled its statutory responsibilities for appointing members to various boards and commissions. Delivers timely and accurate information to board members, empowering them to make well-informed decisions when filling vacancies.
- **Managed and Maintained a Comprehensive Database for Board of Trustees and Affiliated Entities:** Oversaw and updated a detailed database that tracks essential information for the Boards of Trustees of each UNC institution and other affiliated entities. This includes monitoring appointments, term limits, and other key data to ensure boards and committees remain fully staffed and compliant with institutional policies and requirements.

Executive Assistant June 2021-May 2022
UNC System Senior VP of Strategy & Policy

- **Represented the Senior Vice President in Key Discussions:** Acted as a representative for the Senior Vice President on various matters, participating in committees and attending meetings on their behalf when necessary.
- **Managed and Resolved Scheduling Conflicts:** Proactively anticipated and resolved scheduling conflicts, ensuring alignment with the Senior Vice President's priorities and minimizing disruptions to their calendar.
- **Developed Presentation Materials and Speeches:** Independently researched, created, and crafted presentation materials and speeches for the Senior Vice President, tailoring content for diverse settings and audiences.
- **Provided Fiscal Guidance and Support:** Advised subordinate units on fiscal matters, including budget planning, budget analysis, and identifying funding sources, in collaboration with the Senior Vice President.
- **Oversaw the Senior Vice President's Budget:** Managed the overall budget for the Senior Vice President, regularly reporting on expenditures and the allocation of funds to ensure financial accountability and transparency.

Staff Assistant

May 2017-June 2021

United States House of Representatives, Boone, NC

- **Served as Personal Aide to the Congresswoman:** Managed the Congresswoman’s schedule, handled logistics, and supported daily tasks to ensure efficiency. Traveled with her to events, ensuring smooth coordination and logistics during public engagements.
- **Provided Constituent Services:** Assisted constituents with issues such as passport expediting, Social Security disability claims, and general government service inquiries, ensuring timely resolutions.
- **Managed Social Media Content:** Created and curated content for the Congresswoman’s Facebook, Instagram, and Twitter accounts, providing timely updates and fostering engagement with constituents.
- **Managed Congressional Office Operations:** Oversaw daily operations of the regional office, including greeting visitors, answering calls, and handling administrative tasks to ensure smooth functioning and exceptional constituent service.

LEADERSHIP INVOLEMENT

Member, State Employee’s Credit Union Branch Advisory Board

November 2025-Present

Member, City of Raleigh Police Advisory Board

November 2024-Present

Fellow, E.A. Morris Fellowship for Emerging Leaders

2024

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Profile

Which Boards would you like to apply for?

Library Commission: Submitted

Please select your first Board preference: *

Library Commission

Please select your second Board preference: *

Wake Technical Community College Board of Trustees

Please select your third Board preference: *

Open Space and Parks Advisory Committee

Please select your fourth Board preference: *

Capital Area Workforce Development Board

Please select your fifth Board preference: *

Commission for Women

Please select your sixth Board preference: *

Information Technology Advisory Committee

Melissa

First Name

R

Middle Initial

Thibault

Last Name

3731 Swift Drive

Street Address

Suite or Apt

Raleigh

City

NC

State

27606

Postal Code

What district do you live in?

None Selected

Mobile: (919) 539-7223

Primary Phone

Mobile: (919) 539-7223

Alternate Phone

thibault.melissa@gmail.com

Email Address

PBS North Carolina
(formerly)

Employer

Chief Education & Innovation
Officer

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I'm a librarian and an educator with a passion for learning plus a commitment to health, parks and the wellbeing of others.

Work Experience

Teacher librarian Higher education leadership Distance Learning

Volunteer Experience

Literacy tutor for refugees and young learners

Education

PhD in Public Administration, Master's in Library Science, undergrad Economics

Comments

Open to other boards if my expertise is relevant

[MThibault_CV_2025.docx](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Melissa R Thibault

Date of Birth

Gender *

Female

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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MELISSA RIHM THIBAULT

3731 Swift Drive, Raleigh, NC | 919.539.7223 | thibault.melissa@gmail.com

PROFESSIONAL EXPERIENCE

PBS North Carolina, RTP, NC

Chief Education and Innovation Officer

2021-2025

Lead statewide public media initiatives in education and community engagement. Managed projects to leverage technological innovation in media and to explore applications of technology to learning. Building organizational capacity to broaden impact through educational applications and activities through strategic planning, talent development, and fundraising.

North Carolina School of Science and Mathematics, Durham, NC

Vice Chancellor for Distance Education and Extended Programs

2011 – 2021

As member of Chancellor's cabinet, lead STEM university high school to meet the mission and vision for students, teachers and schools state-wide. Manage NCSSM's distance education programs, community engagement, outreach, research, digital curriculum development, teacher professional development and summer programs. Foster engaged partners in public, private, political and business sectors to build capacity and leverage constituent base to achieve mutual goals. Steward resources effectively and secure funding, through private, public and revenue-positive programming, to extend opportunity sustainably.

LEARN NC, University of North Carolina at Chapel Hill

Executive Director

2000 – 2010

Led in the design and implementation of large-scale projects, managed program staff and content development and partnerships with 115 school systems statewide. Developed educational materials, online and digital professional content and delivered teacher professional development.

W. G. Enloe Gifted and Talented International Baccalaureate Magnet High School, Raleigh, NC

School Library Media Coordinator, Systems Administrator

1998-2000

Teacher librarian supporting instruction in all disciplines with emphasis on technology integration. Managed school's network and servers. Converted library information systems in Wake County schools county-wide.

North Carolina State University, Raleigh, NC

Multimedia Services Librarian**1997-1998**

Founding member of Learning Technologies Services (now DELTA), the IT and Libraries team behind Project 25, NCSU's first online courses. Designed training and provided consultation, building capacity to develop and teach in new ways. Ensured parity for students by designing and testing solutions for teaching and learning to mitigate challenges for students learning at a distance.

EDUCATION

North Carolina State University, Raleigh NC

Ph.D. in Public Administration

Dissertation: The Effect of Entrepreneurial Orientation on Teacher Satisfaction and Retention

University of South Florida, Tampa FL

M.A. in Library and Information Science

Colby College, Waterville ME

B.A. in Economics**PROFESSIONAL AFFILIATIONS****Leadership:**

100Kin10: STEM Teacher Recruitment and Retention Partnership lead for UNC System; STEM Education in Rural Communities project team co-leader, STEM Education in Tribal Communities project team member; Post-2021 Network Advisor CS4NC (NC Expanding Computing Education Pathways) Steering Committee National Consortia of Specialized STEM Schools (NCSSSS), Global Curriculum Workstream Lead

North Carolina Virtual Public School Advisory Council: Chair 6 years, member 9 years

Online Learning Consortium (OLC), Accelerate Conference strand reviewer

Triangle Learning Network Leadership Team

UNC System Community Engagement, campus lead

UNC System Economic Transformation Council, campus lead

UNC System's Technological Innovation in Digital Education [TIDE] Steering Committee

Selected Professional Certifications and Credentials

Education Policy Fellowship Program (EPFP Fellow 2007) [Institute for Educational Leadership state-level program managed by the Public School Forum of North Carolina]

STRATEGICS® - Strategic Thinking/Planning/Action (Cambrian Group)

Certified Public Librarian (State Library of North Carolina)

Certified School Library Media Specialist (North Carolina Department of Public Instruction)

Certified Online Course Reviewer (Quality Matters)

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Profile

Which Boards would you like to apply for?

Library Commission: Submitted

Please select your first Board preference: *

Library Commission

Please select your second Board preference: *

None Selected

Please select your third Board preference: *

None Selected

Please select your fourth Board preference: *

None Selected

Please select your fifth Board preference: *

None Selected

Please select your sixth Board preference: *

None Selected

Allison

First Name

N

Middle Initial

Cruse

Last Name

305 Oberlin Rd

Street Address

Unit 305

Suite or Apt

Raleigh

City

NC

State

27605

Postal Code

What district do you live in?

None Selected

Mobile: (919) 389-7752

Primary Phone

Home: (919) 389-7752

Alternate Phone

aenovak84@gmail.com

Email Address

North Carolina Biotechnology
Center

Employer

VP, Business Intelligence &
Analytics

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I am a librarian leading a special library serving a very specific population within the state of North Carolina. I would like to expand my support beyond the special library community across my local community through the public library.

Work Experience

VP, Business Intelligence & Analytics - NCBiotech - 2023-present Director, Impact Research Team - NCBiotech - 2023-2023 Senior IT Project Manager - Child Development Schools - 2021-2023 Research & Instruction Librarian - Western Carolina University - 2019-2021 Commercial Credit Analyst II - First National Bank - 2015-2017 Project/Process Improvement Analyst/Sales & Service Analyst - BB&T - 2009-2015

Volunteer Experience

N/A

Education

MBA, Business Analytics concentration - UNC-Pembroke - 2021 MLIS, UNC-Greensboro - 2019 BS Business Administration - UNCG - 2014

Comments

[A. Cruse Resume 12.2025.pdf](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Allison N Cruse

Please upload a file

Demographics

Date of Birth

Gender *

Female

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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ALLISON N. CRUSE

CONTACT

919-389-7752

aenovak84@gmail.com

Raleigh, NC

EDUCATION

Master of Business Administration, Business Analytics concentration

UNC-Pembroke

2022

Master of Library & Information Science

UNC-Greensboro

2019

Bachelor of Business Administration

UNC-Greensboro

2014

SKILLS

Strategic Planning & Leadership

Cross-Functional Teambuilding & Collaboration

Project Management

Data Analysis & Visualization

Process Evaluation & Improvement

Verbal & Written Communication

Customer Service

Change & Risk Management

Content Organization & Management

Industry & Market Research

Productivity & Time Management

Survey Design & Assessment

Budgeting & Financial Analysis

SUMMARY

Transformational senior leader driving enterprise strategy, technology adoption, and systems modernization to enhance organizational performance and impact. Expert in aligning data, systems, and people to organizational priorities.

Practices servant leadership to develop strong, resilient teams, sustaining performance and morale through change with a sense of humor that fosters engagement and connection.

Skilled in delivering operational change and efficiency while balancing end-user needs and making change easy and accessible for all stakeholders.

Proven record of using low- and no-cost tools and creative solutions to exceed revenue targets, deliver cost savings, and achieve measurable efficiency gains through governance, process redesign, technology integration, and strong data stewardship.

EXPERIENCE

Vice President, Business Intelligence & Analytics Director, Impact Research Team

North Carolina Biotechnology Center

2023-Present

- Lead the organization's central information and systems hub delivering support to 350+ unique internal and external partners generating ~\$1M annually in non-state revenues
- Oversee divisional budget maintaining fiscal discipline and coming in 10% under budget annually through strategic resource allocation and cost-control measures including orchestrating an 80%+ reduction in subcontractor use
- Negotiate and manage multinational corporate research contracts delivering \$2.3M in client cost savings through workflow redesign and optimized resource allocation
- Guide enterprise strategy through organization-wide metrics management, data needs assessments, and funding pipeline development ensuring decisions are data-driven and impact-focused
- Drive modernization by establishing Software Governance and Generative AI Committees, launching AI-readiness training, embedding enhanced data analytics and AI into workflows, and deploying an AI-enabled statewide job aggregator that increased posted jobs 20x
- Overhauled core systems, sunset legacy tools, and streamlined metrics and goal tracking improving efficiency, cutting costs, and enhancing data accessibility
- Produce flagship deliverables such as the biennial Evidence & Opportunity Report with TEconomy Partners, strategic partner presentations, and statewide economic development insights reinforcing the organization's role as an industry thought leader
- Sustained high team performance and stability during major contract and staffing transitions and onboarding critical new technical roles to meet evolving strategic needs

ALLISON N. CRUSE

TECHNICAL SKILLS

MS Office	◆◆◆◆◆
Excel	◆◆◆◆◆
Monday.com, Smartsheet, Asana	◆◆◆◆◆
Tableau	◆◆◆◆◇
Qualtrics, Survey Monkey	◆◆◆◆◇
HubSpot, Salesforce	◆◆◆◆◇
R, Python	◆◆◇◇◇

REFERENCES

Mary Beth Thomas

Supervisor at NCBiotech
MaryBeth_Thomas@NCBiotech.org

Susie Corbett

Former supervisor at NCBiotech
cheadle_s@hotmail.com

John Marold

Former supervisor at BB&T
john.marold@gmail.com

Sarah Steiner

Former supervisor at Western Carolina
University
sksteiner@wcu.edu

EXPERIENCE

Senior IT Project Manager

Child Development Schools

2021-2023

- Managed diverse projects for New Product Strategy & Innovation and IT teams with comprehensive planning, tracking, and budget control
- Directed concurrent software pilots to gather requirements, integrate systems, build partnerships, and manage change
- Applied competitive intelligence to develop new products and services, increasing customer utilization, quality, and revenue
- Strengthened cross-department collaboration through strong stakeholder relationships, accelerating understanding and decisions
- Implemented company-wide project documentation strategies, management tools, and organizational methods

Research & Instruction Librarian - Business Liaison

Western Carolina University - Hunter Library

2019-2021

- Provided research support to students and faculty through instruction, consultations, and learning object creation
- Increased College of Business engagement by marketing library services using market research and UX techniques
- Led Collections Advisory Committee projects to boost budget efficiency and resource access
- Integrated project management and process improvements to enhance communication and productivity
- Presented on business librarianship at local and national conferences

Library Practicum - Assessment & User Experience

Duke University Libraries

Spring 2019

- Executed usability testing for TRLN and LibKey Discovery tools and performed initial data analysis on Duke Digital Collections metadata health

Graduate Assistant

NC State University - Harrye B. Lyons Design Library

2018-2019

- Led strategy for a complex slide digitization project, cutting timelines by 30%, and developed workflow documentation and advanced tracking tools to optimize project management

Commercial Credit Analyst II

First National Bank

2015-2017

- Drove data-driven decision-making through financial analysis, market research, underwriting, and credit facility oversight
- Strengthened portfolio monitoring with a strategic records management approach

Project/Process Improvement Analyst, Banking Officer Sales & Service Analyst, Banking Officer

BB&T Wealth Division

2009-2015

- Led division-wide financial planning and reporting creating a zero-cost reconciliation strategy that enabled departmental growth
- Partnered with IT to automate sales database workflows to streamline operations
- Directed change strategy for enterprise Salesforce rollout through empathetic communication and training
- Served as SME and trainer for cross-departmental initiatives

ALLISON N. CRUSE

DEAR SELECTION COMMITTEE,

I am writing to express my sincere and enthusiastic interest in the Vice President, Business Intelligence & Analytics position at the NC Biotechnology Center. My background in leadership, research, analytics, and business systems make me uniquely qualified to fill the requirements of the position, and I am excited about the prospect of further contributing to NCBiotech's mission by taking on a more significant role within the BIA team.

As both a librarian and business person, I recognize the Business Intelligence & Analytics unit has the difficult task of balancing the complex and nuanced requirements of the research process with the strategic needs of the Center, our clients, and the broader ecosystem. My education and career have been focused on building the skills and experience necessary to provide the steady guidance and leadership needed to effectively navigate that balance.

As the result of my background in corporate banking, I cultivated resiliency, adaptability, and a keen eye for detail, so I am an adept problem solver with a knack for seeing around corners to identify and address problems before they surface. My experience as a project manager equipped me with the skills to lead cross-functional teams through complex, often difficult, projects, so I know how to gracefully negotiate change and balance the needs of a diverse team with sometimes conflicting views and priorities. As a librarian, I became a skilled marketer well versed in advocating the value of libraries to audiences who often don't understand our function and utility. In my current role as the Director of the Center's Impact Research Team, I leverage these skills to lead a vital team of professionals in optimizing NCBiotech's information assets and resources.

Throughout my career, I have consistently demonstrated my ability to build and maintain strong and productive relationships. I believe in the power of teamwork and the value of applying a service mindset to interactions large and small. I strive to keep improving my communication skills to create environments that support openness, transparency, and trust. Given my diverse professional path, I often say I have the ability to speak and translate many different "languages" - from library to finance to IT and back again. This allows me to be the type of effective facilitator, consensus builder, and team harmonizer that the BIA team can depend on to represent them well within the Center and beyond.

While I am still early in my tenure at NCBiotech, I have wholeheartedly embraced the Center's mission and seek to apply our TEAMS attributes to everything I do. I would love the opportunity to play a larger role in fulfilling our mission to create North Carolina's competitive advantage in the life sciences by leading the BIA team into its next phase of growth. Thank you in advance for your time and consideration, and I look forward to hearing from you soon.

SINCERELY,



ALLISON N. CRUSE

Profile

Which Boards would you like to apply for?

Library Commission: Submitted

Please select your first Board preference: *

Open Space and Parks Advisory Committee

Please select your second Board preference: *

United Arts Grants Panels

Please select your third Board preference: *

Library Commission

Please select your fourth Board preference: *

None Selected

Please select your fifth Board preference: *

None Selected

Please select your sixth Board preference: *

None Selected

Michael

First Name

A

Middle Initial

Rantilla

Last Name

1804 Pictou Road

Street Address

Suite or Apt

Raleigh

City

NC

State

27606

Postal Code

What district do you live in?

None Selected

Mobile: (919) 260-6598

Primary Phone

Home: (919) 260-6598

Alternate Phone

mrantilla73@gmail.com

Email Address

HDR

Employer

Civic Principal

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

As a longtime Raleigh resident and architect, I have a passion for community amenities such as parks, museums, and libraries. I'd like to leverage my 30 years of experience designing these types of projects to help our community continue to grow and beautify in a sustainable and equitable manner. As a native of Brazil, a prior resident of France and Italy, and an avid traveler, I can offer global viewpoints to help supplement local ones.

Work Experience

HDR - Civic Principal EwingCole - Regional Director Perkins & Will - Operations Director and Technical Director Freelon - Associate Principal Gurlitz Architectural Group - Project Architect

Volunteer Experience

Prospective Student Interviewer - Cornell University Design Studio Visiting Juror - NCSU and Wake Tech NC Modernist Houses - Tour Location High School Drafting Student Host - Architect Office Day

Education

Cornell University - Bachelor of Architecture - 1996

Comments

[Michael_Rantilla_Resume_2025v2.pdf](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth

Michael A Rantilla

Gender *

Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found [here](#).

Michael Rantilla, AIA LEED

1804 Pictou Road
Raleigh, NC 27606
919.260.6598
mrantilla73@gmail.com
www.linkedin.com/in/michael-rantilla

Focus

Creative, meticulous and organized architectural leader with 30 years experience delivering award winning, client-focused solutions. Adept at cross-market sector and cross-business group collaboration and strategy. Local, national, and global project and team expertise. Deep understanding of the importance of internal and client-facing relationships and operational team building. Efficient decision maker who leans on data-driven analytics, healthy debate, and trustworthy colleagues.

Professional Experience

- | | | |
|--|--------------------------------|----------------|
| HDR – Civic Principal | Raleigh, NC | 2022 - present |
| Helped start and grow a 30-person architectural studio within an established engineering office. Oversee studio operations and culture-building efforts. Lead Civic market sector strategy and business development. Nurture collaboration across multiple business groups. Reports to Global Market Sector Director and Managing Principal. | | |
| EwingCole – Regional Director | Raleigh, NC | 2018 – 2022 |
| Managed operations for a staff of 40 architects and engineers. Strategic activities related to acquisition of the local office. Project management and business development across Science + Technology, Higher Education, Civic, and Healthcare market sectors. Reported to Director of Operations. | | |
| Perkins&Will – Operations Director Technical Director | Sao Paulo, Brazil Durham, NC | 2014 – 2018 |
| Brazil: Managed operations for a staff of 50 architects. Strategic activities related to acquisition of the local office. Integration of a Latin American practice into a global Architecture firm. Project management and business development across Science + Technology, Healthcare, and Commercial Market Sectors. Reported to Director of Operations.
North Carolina: Responsible for overall technical quality of project deliverables across all market sectors. Strategic innovation regarding document production methods and softwares. Cultivated industry partnerships. Championed technical training efforts and quality control continuous improvement. Reported to Managing Director. | | |
| Freelon (Acquired by P&W)- Associate Principal | Durham, NC | 2006 – 2014 |
| Led medium-to-large project delivery teams across Civic, Higher Education, and Transportation market sectors. Developed and maintained technical quality assurance and quality control methods. Technical committee leadership role. | | |
| Gurlitz Architectural Group – Project Architect | Durham, NC | 1997 – 2006 |
| Full scope design, production, and construction administration tasks across multiple market sectors. Led office relocation design and logistical efforts. | | |
| Smithgroup - Designer | Paris, France Detroit, MI | 1996 – 1997 |
| Full scope design and production tasks for the Automotive market sector. Long-term assignment in Paris for French automotive client. | | |

Credentials

American Institute of Architects	Member	2006
LEED Registered Professional	BD+C Accredited	2006
Registered Architect	North Carolina	2000
Bachelor of Architecture	Cornell University	1996

Professional Skills

Management: Client Management | Office Management | Team Management | Consultant Management | Construction Administration | Contract Negotiation

Design: Presentations | Detailing | Construction Documents | Consultant Coordination

Marketing: Business Development | Proposals | Interviews | Competitions

Software: Microsoft Office | Photoshop | Indesign | Deltek | CAD | Basic REVIT

Languages: Fluent in English and Portuguese with basic knowledge of French | Italian | Spanish

Citizenships: USA | Brazil

Projects

Project Experience: Civic | Commercial | Interiors | Higher Education | Residential | Retail | Religious | Science + Technology | Sports | Transportation | Mixed-use

Size: Designed, documented and managed individual projects ranging in size from 2500sf | \$500,000 through 975,000sf | \$675,000,000

Awards: Completed projects have received over 40 local, regional and national design awards

Related Activities

Memberships: Raleigh Chamber of Commerce | Building Enclosure Council | North Carolina Modernist Houses | Cornell University Alumni Association

Jury and Studio Critic: North Carolina State University College of Design | Wake Technical Community College | Architectural Lighting Magazine Annual Design Awards

Lectures: International Architecture Forum | BEC Fenestration Symposium | Facades+ Conference | Savannah College of Art & Design | Designing Libraries VII | DC Public Library

Academic: Founder and President, American Institute of Architecture Students (AIAS) chapter at Cornell University | Cornell in Rome Program

Mentorship: BOOST Leadership Program Mentor | STEM and ACE program participant | Dix Park Teenspace Career Day

Selected Project List

Aviation / Transportation

- Daytona Beach International Airport Renovation, Daytona Beach, FL
- Durham Station Transportation Center, Durham, NC

Civic

- National Museum of African American History and Culture, Washington DC
- Motown Museum, Detroit, MI
- Chavis Park Aquatics Center, Raleigh, NC
- St John the Baptist Parish Library, Reserve, LA
- Orange County Library, Carrboro, NC
- Geauga County Library, Bainbridge and Thompson, OH
- DC Public Library Tenley and Anacostia Branches, Washington DC
- Wake Forest University Z Smith Reynolds Library, Winston Salem, NC
- Durham County Library East, North, South Branches, Durham, NC
- Durham County EMS Station #2, Durham, NC
- Raleigh, Durham, Chapel Hill Sustainability Assessments

Commercial

- Shure LATAM Headquarters, Sao Paulo, Brazil
- Red Hat Office, Durham, NC
- Emigrant Bank, West Palm Beach, FL
- Perkins + Will Office, Durham, NC
- Gurlitz Architectural Group Office, Durham, NC
- Abbott Government Affairs Office, Washington DC
- Abbott Executive Cafeteria Renovation, Abbott Park, IL
- Coorsdale, High House, and Regency Park Office Buildings, Cary, NC

Education

- Duke University Biological Sciences Renovation, Durham, NC
- Duke University Freeman Center for Jewish Life, Durham, NC
- Morgan State University Center for the Built Environment, Baltimore, MD
- NC A&T Proctor School of Education, Greensboro, NC
- ECU Mendenhall Student Center, Greenville, NC
- UNC Student Stores Renovation, Chapel Hill, NC

Federal

- USMA Cyber & Engineering Academic Center, West Point, NY
- MCRD Parris Island Youth Center, Port Royal, SC

Healthcare

- Albert Einstein Hospital Learning and Research Center, Sao Paulo, Brazil
- Essentia Health Vision Northland Replacement Hospital, Duluth, MN
- Central Medical Park MOB, Durham, NC
- Durham Pediatrics Office, Durham, NC

Industrial

- Chrysler Headquarters Expansion, Auburn Hills, MI
- Virginia Bio+Tech Innovation Center, Richmond, VA
- Mitchell Water Treatment Plant, Greensboro, NC
- Renault do Brazil Automotive Plant, Curitiba, Brazil
- PDI Polaris, Kansas City, MO
- Abbott Laboratories R&D and Manufacturing Facilities:
 - Abbott Park, Des Plaines, Gurnee, Itasca, IL
 - Portland, Scarborough, ME
 - Sunnyvale, Alameda, CA
 - Indianapolis, IN
 - Columbus, OH
 - Casa Grande, AZ
 - Dallas, TX
 - Richmond, VA
 - Gretna, LA
 - Atlanta, GA
 - Queretaro, Mexico

Senior Living / Residential

- Morning Glory Senior Village, Durham, NC
- Roberson Street Lofts, Carrboro, NC
- Carpenter Fletcher Apartments, Durham, NC

Profile

Which Boards would you like to apply for?

Library Commission: Submitted

Please select your first Board preference: *

United Arts Grants Panels

Please select your second Board preference: *

None Selected

Please select your third Board preference: *

None Selected

Please select your fourth Board preference: *

None Selected

Please select your fifth Board preference: *

None Selected

Please select your sixth Board preference: *

None Selected

EDWARD

First Name

E

Middle Initial

BELL

Last Name

3726 HORSESHOE FARM STREET

Street Address

Suite or Apt

RALEIGH

City

NC

State

27610

Postal Code

What district do you live in?

None Selected

Mobile: (252) 671-0032

Primary Phone

Mobile: (252) 671-0032

Alternate Phone

drbell1906@gmail.com

Email Address

NC State University

Employer

Professor

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I have always had a fondness for service and being a servant to others. My grant experience is broad, ranging from community to state government.

Work Experience

I retired from the NC Department of Public Instruction as a federal program administrator, where I managed millions of dollars in federal grant funds. Previously, I worked as a social worker, middle/high school teacher, parent advocate, and community organizer for youth services through grant funding. Currently, I teach at Capella University and NC State University.

Volunteer Experience

I provide volunteer services to youth groups. Additionally, I offer parental support to families as needed.

Education

AAS in criminal justice, BA in criminal justice, MA in counseling, doctorate in education

Comments

I look forward to serving the citizens.

[Dr_Ed_Bell_CV_2025.pdf](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth

Gender *

Male

Ethnicity *

African American

Other

How did you become aware of Wake County volunteer opportunities?

Other

If you selected "Other" above, how?

Ms. Waters

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found [here](#).

DR. EDWARD EARL BELL

DRBELL1906@GMAIL.COM

LICENSES

- North Carolina Department of Public Instruction
- Social Studies (6-12)
- ELA (6-12)
- Commonwealth of Virginia Department of Education School Counselor (PREK-12) License

ADDITIONAL STUDY

- Hebrew University, Israel Education Study Abroad 2002
Met with Dr. Reuven Feuerstein, the world-renowned psychologist
- Rural Economic Development Institute, North Carolina Rural Economic Development Center Class IV Graduate, 1994
- Basic Remotivation Therapy Training Course 1995 Eastern AHEC, North Carolina

Additional Information about Dr. Bell: www.dredbell.org

LIBERTY UNIVERSITY – LYNCHBURG, VIRGINIA

2010

DOCTOR OF EDUCATION

EDUCATIONAL LEADERSHIP

DISSERTATION TITLE

IMPACT OF SELF-ESTEEM AND IDENTIFICATION WITH ACADEMICS ON THE ACADEMIC ACHIEVEMENT OF AFRICAN AMERICAN STUDENTS

EAST CAROLINA UNIVERSITY – GREENVILLE, NORTH CAROLINA

1995 – 1997

LIBERTY UNIVERSITY – LYNCHBURG, VIRGINIA

1995

M. A.

Counseling

NORTH CAROLINA CENTRAL UNIVERSITY – DURHAM, NORTH CAROLINA

1985

B. A.

Criminal Justice

CRAVEN COMMUNITY COLLEGE – NEW BERN, NORTH CAROLINA

1984

A.A.S

Criminal Justice Technology

SPECIAL RECOGNITIONS

- Nancy Susan Reynolds Award, a \$25,000 prize, Z Smith Reynolds Foundation. <https://youtu.be/qSSREVTWWyc>
- November 20, 1993: <http://www.zsr.org/articles/1993-nancy-susan-reynolds-award-winners>
- Tar Heel of Week, News and Observer January 2, 1994

PROFESSIONAL EXPERIENCE

ADJUNCT PROFESSOR

2023-2024

MORRIS BROWN COLLEGE

Responsibilities: Teaches Psychology courses.

LECTURER

2020

NORTH CAROLINA STATE UNIVERSITY

Responsibilities: Teaches in the School of Social Work. Courses attached.

PROFESSOR

2011

CAPELLA UNIVERSITY – MINNEAPOLIS, MINNESOTA

Responsibilities: Faculty member for PhD and master's learners in the School of Social and Behavioral Sciences. Dissertation chair and committee member.

DR. EDWARD EARL BELL

PROGRAM ADMINISTRATOR

2005 - 2018

NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION – RALEIGH, NORTH CAROLINA

Responsibilities: Managed federally-funded program; ongoing analysis and synthesis of program information with state and federal regulations; fiscal, analytic, and logistic support to grantees; maintained federal/state management/compliance of grantees; supported Title 1 Schools

PARENT COORDINATOR

2001 - 2005

AREA DAY REPORTING PROGRAM FOR YOUTH, INC. – NEW BERN, NORTH CAROLINA

Responsibilities: Provided parenting workshops; clinical mental health coordination; attended school/parent meetings as an advocate; worked with adjudicated youth and families; provided counseling to parents and students; arranged and coordinated parent events; worked with youth and families with substance use/behavioral disorders and psychological concerns; community advocate

SCHOOL COUNSELOR

2000 - 2002

CRAVEN COUNTY SCHOOL SYSTEM – NEW BERN, NORTH CAROLINA

Responsibilities: Coordinated grade-level events for middle school students; provided classroom guidance lessons; provided counseling and therapeutic services to students, parents, and teachers; coordinated IEP meetings.

TEACHER

1996 - 2000

CRAVEN COUNTY SCHOOL SYSTEM – NEW BERN, NORTH CAROLINA

Responsibilities: Taught social studies to high school students; assessed student performance; prepared lesson plans; worked with at-risk students in an alternative middle school program; taught all subjects; ongoing collaboration with teachers and various publics.

EXECUTIVE DIRECTOR

1991 - 2005

YOUTH VISION, INC. – NEW BERN, NORTH CAROLINA

Responsibilities: Supervised staff; wrote grants for after-school program services; managed budgets; developed curriculum for the after-school program. Worked with students and families regarding mental, educational, and behavioral concerns of students and families, educational advocate.

INSTRUCTOR

1991 - 1999

CRAVEN COMMUNITY COLLEGE – NEW BERN, NORTH CAROLINA

Responsibilities: Taught grant writing; prepared syllabus; taught GED classes; taught Creative Activities (EDU 151) in the education department. Taught (assertive training) to inmate population at medium custody prison.

ADAPTIVE TRAINER

1994 - 1996

NEUSE MENTAL HEALTH CENTER – NEW BERN, NORTH CAROLINA

Responsibilities: Provided individualized therapeutic services; psychological counseling; prepared written documentation to support intervention and progress towards client treatment goals. Clinical mental health support personnel and linkage to care of services for clients.

DR. EDWARD EARL BELL

PROFESSIONAL PARENT

1993 – 1994

NEUSE MENTAL HEALTH CENTER – NEW BERN, NORTH CAROLINA

Responsibilities: Provided in-home care to at-risk youth, with severe and profound mental and psychological concerns; served as a surrogate parent; attended school meetings; followed and wrote treatment plans and attended treatment meetings. In-home mental health assessments. Plan of care coordination with team members for client's mental health and psychological services.

SOCIAL WORKER III/CASE MANAGER

1988 – 1994

NEUSE MENTAL HEALTH CENTER – NEW BERN, NORTH CAROLINA

Responsibilities: Coordinated/arranged mental health services for families and at-risk youth with psychological, educational emotional, and mental disturbances concerns; worked with those with substance use disorder; worked with adjudicated youth and families; led/served on treatment teams.

TEACHING PARENT

1986 – 1988

NEUSE MENTAL HEALTH CENTER – NEW BERN, NORTH CAROLINA

Responsibilities: Provided therapeutic care to mentally ill and at-risk youth, and with substance use and behavioral, psychological disorders in a group home treatment facility; worked with adjudicated youth; provided parental, surrogate, and live-in care; wrote treatment plans and prepared case notes.

PEER-REVIEWED ARTICLES

- Bell, E. E. (2017). A narrative inquiry: A black male looking to teach. *The Qualitative Report*, 22(4), 1137-1150. Retrieved from <http://nsuworks.nova.edu/tqr/vol22/iss4/12>
- Bell, E. E. (2015). Understanding African American males' school experiences: A qualitative inquiry. *The Qualitative Report*, 20(8), 1260-1269. Retrieved from <http://www.nova.edu/ssss/QR/QR20/8/bell6.pdf>
- Bell, E. E. (2014). Graduating black males: A generic qualitative study. *The Qualitative Report*, 19 (13), 1-10. Retrieved from <http://www.nova.edu/ssss/QR/QR19/bell13.pdf>

PUBLICATIONS

- Bell, E. E. (2025) I Love You. Raleigh, NC
- Bell, E. E. (2023) Letters and Lessons for My Teachers. Raleigh, NC
- Bell, E. E. (2023/2024) I Can Be, Too! Raleigh, NC
- Bell, E. E. (2018) The Gospel of Parenting. Raleigh, NC
- Bell, E. E. (2014) After the Benediction. Raleigh, NC
- Bell, E. E. (2013) Dear Young Man. Raleigh, NC
- Bell, E. E. (2012) Is saving black males an option? Raleigh, NC.

SELECTED INVITED PRESENTATIONS

- E. E. Bell (April 2024) Black Male Summit, Jamestown, NC
- E.E. Bell (November 19, 2021) Culturally Diverse Learners, MINA Charter School, Sanford, NC
- E. E. Bell (October 20, 2021) Parental Engagement and Responsive After School Activities, CIS of Cape Fear, Wilmington, NC
- Bell, E. E. (April 30, 2021) Presenter, Words Matter: Watch What You Say. Creating and Inviting Classroom, Wilson Preparatory Academy, Wilson, NC
- Bell, E. E. (February 12, 2020) Guest Speaker, Time Management, Shaw University, Raleigh, NC
- Bell, E. E. (April 27, 2019). Plenary Speaker, A Celebration of Me, Girls' Empowerment Conference III, Virginia State University, Petersburg, Virginia
- Bell, E.E. (April 25, 2019) Positive School for Black Males: Implications for Student Achievement, North Carolina Center for After School Programs, Greensboro, NC

DR. EDWARD EARL BELL

- Bell, E. E. (May 15-16, 2019). (Plenary/Workshop) 2019 Building Bridges Conference, Connecting You with Others, Dover Downs Hotel & Casino, Dover, Delaware
- Bell, E. E. (March 6, 2013) Preparing Teachers to Teach Black Males, North Carolina Central University, School of Education, Durham, NC (Teachers Fellow Program)
- Bell, E. E. (October 17, 2012). Preparing Teachers to Teach Black Males Shaw University, School of Education, Raleigh, NC
- Bell, E. E. (October 3, 2008). After School Programs in Rural Areas, North Carolina Black School Board Association, Elizabeth City State University, Elizabeth City, NC
- Bell, E. E. (April 16-17, 2007). Literacy in After Schools Programs, Linkages to Learning, UNC-Greensboro, Myrtle Beach, SC
- **SELECTED SPEAKING ENGAGEMENTS**
- Bell, E.E. (September 29, 2022) Speaker, A Community Conversation: Education/Crime Prevention, Kensaville, NC
- Bell, E. E. (September 28, 2019) Keynote Speaker, Delaware Fatherhood and Family Coalition Award Ceremony, Dover, Delaware
- Bell, E. E. (January 20, 2019) Guest Speaker, Adoram Baptist Church, Dr. Martin Luther King, Jr. Commemoration Sunday, Wallace, NC
- Bell, E. E. (April 27, 2018) Synergy Conference, Session Presenter and Closing Remarks, Greenville, NC
- Bell, E. E. (February 1, 2018) Guest Speaker, Born with Purpose Ministries, "The Gospel of Parenting," Sanford, NC.
- Bell, E. E. (January 14, 2018) Guest Speaker, Adoram Baptist Church, Dr. Martin Luther King, Jr. Commemoration Sunday, Wallace, NC
- Bell, E. E. (December 2, 2017) Keynote Speaker, Diamond Excellence Award Program, Jones County Convention Center, Trenton, NC
- Bell, E.E. (August 13, 2017) Guest Messenger, St Mary Free Will Baptist Church, "After the Benediction," La Grange, NC
- Bell, E. E. (June 24, 2017) Guest Speaker, 100 Black Men of Triangle East, Mentee Incentive Award Luncheon. Briar creek Country Club, Raleigh, NC
- Bell, E. E. (March 17, 2017) Presenter, North Carolina Central Region Career Development and Special Populations Coordinators in Career and Technical Education Meeting, Alamance Community College, Graham, NC, The Live Experience of Black Males: Implications for Student Growth
- Bell, E. E. (February 12, 2011). Speaker, Poetry Reading, Metropolitan Church, Aulander, NC
- Bell, E. E. (December 27, 2010). Moderator, Educating Black Males in Particular Forum, JT Barber Elementary School, New Bern, NC
- Bell, E. E. (January 11, 2010). Speaker, Planning and Facilitating Effective Parent-Teacher Conferences, Craven County School System, New Bern, NC
- Bell, E. E. (May 13, 2010). Keynote Speaker, Motivating Students, 100 Black Men of Eastern North Carolina, Greenville, NC

DR. EDWARD EARL BELL

SELECTED INVITED WORKSHOPS

- Bell, E. E. (August 4, 2023) Barbour County High School, Clayton, AL
- Bell, E. E. (January 2023-May 2023) Gad Hill Center, Chiacago, IL
- Bell, E. E. (January 11, 2010). Planning and Facilitating Effective Parent-Teacher Conferences: Understanding the Cultural Dynamics That Play into the Success of Parent-Teacher Conferences, County School, District, New Bern, NC
- Bell, E. E. (March 25, 2010). Educating Minority Children: A Look at African American Males, Craven County School District, Vanceboro, NC
- Bell, E. E. (August 5, 2009). Youth Leadership Development, Compassion Baptist Church, Raleigh, NC
- Bell, E. E. (September 12-13, 2008). Literacy in After School Programs, South Carolina Department of Education Columbia SC
- Bell, E. E. (September 27, 2006). Parental Involvement in After School Programs, Highland Elementary School, Sanford, NC
- Bell, E. E. (April 18-20, 2006). Parental Involvement in After School Programs, Linkage to Learning Institute, Atlanta, GA

SELECTED WEBINAR/ZOOM

- November 16, 2023, Parents and Student in Education
- November 13, 2021, Black Male Summit <https://youtu.be/eMn5XIJaE6M>
- February 2022, Let's Talk Wellness Series
- December 9, 2020, Staff Reimagining After School: In the Age of COVID-19
- August 25, 2020, Parents Talk About Race and Racism
- July 1, 2020, Racism in School
- June 30, 2020, Black Males in Peril, Racism in America's Schools
- June 19, 2020, The Black Experience: Juneteenth
- June 1, 2020, Addressing The 2020 Pandemic, The Cornerstone Community Development Corporation
- April 3, 2020, Leadership Development, Centers for School and Solutions/Pennsylvania Department of Education
- January 31, 2018, Parental Involvement: Never Give Up. Centers for School and Solutions/Pennsylvania Department of Education
- September 13, 2015, the Black Male Experience. Artic Counseling and Consulting, Anchorage, Alaska

SELECTED VIDEO PRESENTATIONS

- What does it mean to be a black man?"
- https://youtu.be/JcebHfl7r_U
- Let's Talk Wellness
- <https://youtu.be/9QeWM6RoiFM>

DR. EDWARD EARL BELL

SELECTED PARENT ENGAGEMENT WORKSHOPS

- Life Scyle, November 1, 2023
- Thomas Mentor Leadership Academy, May 11, 2021,
- Above and Beyond Students, May 17, 2021
- Accerlating Men, March 27, 2021
- CIS of Pender County, March 10, 2021
- Allinum 21stCCLC. February 3, 2021
- NC PTA, January 30, 2021
- Project SUCCESS, Lilesville, NC, December 12, 2020
- Maggie Outreach Center, Raeford, NC, February 2, 2019
- Delta Sigma Theta Sorority, New Bern, NC, January 20, 2019
- St. Provision CDC, Sanford, NC January 4, 2019
- Maggie Outreach Center, Raeford, NC December 12, 2019
- Accelerating Men, Inc, Raleigh, NC, November 17, 2019
- TRAC Enrichment Services, Winterville, NC, November 10, 2019

SELECTED RADIO/ NEWS/TELEVISION APPEARANCES

- January 25, 2019: Parenting Show Norfolk State University
- WUNC 91.5, North Carolina Public Radio, March 7, 2015, Shoebox Lunches Sustained Civil Rights Demonstrators in Selma <http://wunc.org/post/shoebox-lunches-sustained-civil-rights-demonstrators-selma> UNC-TV
- July 13, 2014 <http://video.unctv.org/video/2365289492/> Why Close the Gap Strategies Succeed or Fail?

SELECTED AWARDS/RECOGNITIONS

- Marker bearing my name, New Bern Housing Authority March 13, 2018
- Certificate of Recognition, Accelerating Men, Inc, January 20, 2018
- Presidential Award, Craven County NAACP, September 10, 2016 Mover and Shakers
- Recipient of Alpha Kappa Alpha Community Award Recipient of Save the Seed Award Recipient of Omega Psi Phi Youth Development Award Drum Major for Hope Award Street Honor- Bell Drive, New Bern, NC
- National Association for the Advancement of Colored People, President Award, Craven County, 2016

SELECTED PAST/PRESENT MEMBERSHIPS

- Association for the Study of African-American Life and History
- Past, National Alliance for Black School Educators
- North Carolina School Counselor Association
- Watts Chapel Missionary Baptist Church
- Kwanzaa Heritage Group
- Alpha Phi Alpha Fraternity, Inc.

DR. EDWARD EARL BELL

SELECTED SUCCESSFUL GRANT EXPERIENCES

- Z. Smith Reynolds Foundation, \$85,000
- North Carolina Department of Juvenile Justice and Delinquency Prevention, \$450,000
- North Carolina Youth Involvement Office, \$1,000
- East Carolina University, \$2,000
- Food Bank of North Carolina, \$20,000
- Multiple grants for the United States of Department of Education
- Program Administrator for the 21st Century Community Learning Center grant review process for the North Carolina Department of Public Instruction; monitored multi-million dollars in funding
- Wrote/reviewed over multi-million dollars in grants for non-profits
- Program grant evaluator

SELECTED COMMUNITY SERVICE PROJECTS

- 2023, NC Department of Public Instruction, Miliken award reviewer
- 2017: Scholarly grant reviewer for "Making a Way out of No Way: Walking in the Shoes of African-American Entrepreneurs in North Carolina 1800 - 1900." Exhibition to be displayed at Tryon Palace, New Bern, NC
- June 17, 2016, Co-Master of Ceremony, Alpha Kappa Alpha. Debutante Cotillion, Marston, Camp Lejeune, NC
- July 29, 31, 2014, Presenter, St. Augustine's University, George Williams Leadership Camp
- July 23, 2014, Presenter, Youth Matters after-school program, St. Matthews, Raleigh, NC
- February 22—March 22, 2014, Presenter, Leader, Black Male Leadership Confab, New Bern, NC
- July 9,10 and 12, 2014, Volunteer, Youth Matters after-school program, Martin Street Baptist Church, Raleigh, NC
- May 18, 2013, Mock Pageant 2 Judge, Miss NC USA, preparing contestant for Miss USA Pageant
- September 15, 2012, Coordinator, College/Career Fair, New Bern, NC

SELECTED COMMUNITY SERVICE PROGRAMS ORGANIZED

- Positive Image Awards Banquet 1991
- Positive Image Awards Banquet 1992
- Self-esteem Banquet 1993
- Positive Image Awards Banquet 1994
- Positive Image Awards Banquet 1995
- Watching Out for the Children Banquet 1999
- Parenting Forum-Breaking. the Silence 2001
- Craven/Jones SOS Leadership Project 2002
- Parenting Forum-Breaking the Silence 2002
- Craven/Jones SOS Leadership Project 2003
- Video recognizing then 88 old Aunt; facilitated master's degree from the University of Pennsylvania; planned and organized graduated ceremony.
<https://youtu.be/aRgc3-sbGgE>