

Privacy Notice

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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: *

Cary Zoning Board of Adjustment

Please select your third Board preference: *

Library Commission

Please select your fourth Board preference: *

Wake Technical Community College Board of Trustees

Please select your fifth Board preference: *

United Arts Grants Panels

Please select your sixth Board preference: *

Cary Planning and Zoning Board

Justin
First Name

Middle
Initial

Marcarelli
Last Name

600 Canon Gate Dr
Street Address

Suite or Apt

Cary
City

NC
State

27518
Postal Code

What district do you live in?

None Selected

Mobile: (443) 944-5775

Primary Phone

Business: (919) 861-7219

Alternate Phone

jmarcarelli10@gmail.com

Email Address

Hurricanes Holdings, LLC

Employer

Controller

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:

Cary

Interests & Experiences

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

I want to do my part to maintain and hopefully improve the community that I live and work in. Public service is something that has always been of interest to me, but it wasn't until recently that I learned I could make an impact without being involved in a political role. I like getting to see behind the scenes of how decisions are made and to be part of the solutions that will impact the lives of thousands of residents.

Work Experience

As a CPA, I currently work for the Carolina Hurricanes/Lenovo Center in charge of the accounting and finance department covering five business entities. I've been with the company since 2018 and I love being involved with an organization that has such strong ties to the community both through sports and performances. Previously I worked as an accountant for DC United of Major League soccer and, prior to that, public accounting roles serving small business, governments, and nonprofit organizations. One of my major areas of focus is process improvement and automation to increase accuracy and efficiency in our operations. As one of the few roles that touches all areas of the organization, I excel in cross-departmental collaboration and facilitating solutions that cater to multiple interested parties.

Volunteer Experience

-Miracle League of the Triangle Coach - since 2022 -YMCA Youth Soccer Coach - 2019-2024 - Guest Lecturer - three courses at NCSU (ACC220/280 and PRT 466) since 2022 -NCSU Poole College ELEVATE Mentorship Program - since 2025

Education

-M.S Accounting from University of Connecticut - 2016 -B.S. Accounting from North Carolina State University - 2015 -CPA License - 2019

Comments

[Justin_Marcarelli_Resume.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?

Other

If you selected "Other" above, how?

Spouse

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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JUSTIN MARCARELLI, CPA

443-944-5775 | jmarcarelli10@gmail.com | www.linkedin.com/in/justinmarcarelli

Licensed CPA in the State of North Carolina (#43376)

Obtained 2019

PROFESSIONAL EXPERIENCE

Carolina Hurricanes (Hurricanes Holdings LLC)

Raleigh, NC

Controller

06/2021 – Present

- Responsible for the monthly/annual financial reporting and analysis of six business entities (team, arena, F&B, holding, foundation, restaurant) with \$300M+ yearly revenue and leading finance meetings with executive team
- Post intercompany eliminating entries and prepare consolidated financial reporting for all business entities
- Manage month-end journal entries, bank/balance sheet reconciliations (including fixed assets, prepaids, accruals, deferred revenue), and monthly budget to actual variance analyses presented to management for all entities
- Oversee all revenue recognition entries including advertising, tickets, suites, parking, merchandise, food service based on performance obligations fulfilled or percentage of completion in accordance with ASC 606
- Maintain revenue schedules for all advertising and suite contracts and identify/allocate performance obligations
- Review media buy advertising invoicing to ensure proper revenues and agency commissions are recorded
- Oversee all accounts payable functions, monthly state/county sales tax filings, and year-end 1096/1099 reporting
- Post payroll and league revenue journal entries in Intacct
- Prepare league specific reporting of Hockey Related Revenues five times annually per the terms of the NHL CBA
- Oversee treasury functions for \$45M+ and maintain cash flow projections on a rolling three-month basis
- Lead and develop a team of four accounting staff and report to the CFO
- Conduct weekly accounting meetings to ensure accountability and clearly stated objectives/expectations
- Implemented standardized departmental budget templates inclusive of prior year budget and actuals to expedite the collection and consolidation of annual budget information into a master file formatted to import in Intacct
- Helped implement almost complete digitization of A/P, A/R, and JE accounting records directly within Intacct
- Automated significant portions of bank reconciliations utilizing bank feeds and 'smart rules'
- Primary contact for external audit (NHL, NHLPA, and F/S) requests and federal/state tax reporting requirements
- Continuously evaluating areas of improvement both within accounting operations and across the organization

Staff Accountant

10/2018 - 06/2021

- Routinely performed month-end journal entries, bank/balance sheet reconciliations, and monthly budget to actual variance analyses within Intacct for arena, F&B, and foundation entities to present to management
- Coordinated with department directors to populate annual budget templates inclusive of anticipated payroll
- Sole finance representative on behalf of Lenovo Center for concert/event settlements with promoters as well as event profitability reporting for management with budget to actual variance explanations
- Assisted with external audit requests and compiled information for the annual 990 filing for the Foundation
- Spearheaded the transition to Nexonia employee expense reporting (from Concur), along with API integration to Intacct, and successfully rolled out the software company-wide including a corporate card program
- Created a daily sales report template for ticket sales to create a JE import from a Ticketmaster Archtics export to increase accuracy and efficiency, saving the box office over 30 minutes per day

D.C. United (DC Soccer LLC)

Washington, DC

Staff Accountant

08/2017 - 10/2018

- Completed bank, revenue, and balance sheet reconciliations, multi-departmental budgets, and month-end journal entries for all three business entities timely and efficiently using Microsoft Dynamics SL
- Managed project accounting records and construction in progress (CIP) reconciliations using the percentage of completion method related to the construction of our new stadium, Audi Field, a \$400M+ project
- Assisted with the financing and debt compliance needs for the construction and management of Audi Field, including administering numerous escrow accounts and completing liquidity analyses
- Effectively managed and reduced outstanding A/R by expediting collections on advertising and suite invoices, while maintaining positive vendor relationships despite managing restricted operational cash due to construction
- Implemented Concur software for employee expense reimbursement reports

The Accounting Office, Inc.

West Chester, PA

Staff Accountant

05/2016 - 08/2017

- Provided full spectrum accounting and consulting services to small business clients in numerous industries
- Designed a comprehensive payroll entry template that expedited payroll processing across all clients
- Gave strategic recommendations using cash flow projects and budget to actual analysis
- Implemented new timekeeping and task management systems for internal staff to log their activities and provide status updates to clients
- Managed one administrative staff member
- Completed and submitted monthly state sales tax filings and annual 1096/1099 statements

Barbacane, Thornton & Company LLP

Wilmington, DE

Staff Auditor

10/2015 - 05/2016

- Performed audit procedures on all areas of the financial statements of local governments and non-profit organizations in MD, DE, PA, and NJ
- Reviewed tax and utility billing/collections for accuracy and compliance with agency agreements
- Conducted Yellow Book audits of federal grant recipients in accordance with GAGAS

EDUCATION

University of Connecticut

M.S. in Accounting – Online

May 2016

North Carolina State University

B.S. in Accounting

May 2015

- University Honors Program member every year

TECHNICAL SKILLS

Skills: Sage Intacct, Microsoft Dynamics SL, Quickbooks, Concur, Nexonia, UKG, ADP, Paychex, Ticketmaster, Excel

LEADERSHIP & OUTSIDE ACTIVITIES

University of Connecticut

Online

Adjunct Instructor 08/2021 – 12/2024

- Instructor for Financial Reporting I in the Online Graduate Certificate in Accounting Fundamentals program

Volunteer Coach

YMCA Youth Soccer Coach – 11 seasons (Coed U8)

Miracle League of the Triangle Baseball Coach – 8 seasons (Adult Special Needs)

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Profile

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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

Cydney

First Name

E

Middle Initial

Clifton

Last Name

4629 Townesbury Ln

Street Address

Suite or Apt

Raleigh

City

NC

State

27612

Postal Code

What district do you live in?

None Selected

Home: (716) 479-2068

Primary Phone

Home: (716) 479-2068

Alternate Phone

cydneyelise@gmail.com

Email Address

Heart Math Tutoring

Employer

Executive Director of
National Partnerships

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?

Over the past year, the Wake County Public Library system has become a meaningful part of my family's routine. After the birth of my daughter, I started bringing her to story time and baby playdates and checking out children's books each week. It has given me a new appreciation for how important the library is as a place for early literacy, connection, and community. More broadly, I care deeply about strong public institutions that support learning and opportunity. Libraries are one of the few places that truly serve everyone, families with young children, students, job seekers, seniors, and lifelong learners. Professionally, I work in education and spend much of my time thinking about how communities support children's learning and long-term success. Serving on the Library Commission would be a meaningful way for me to contribute to an institution that plays such an important role in Wake County. As the county continues to grow, I would be honored to help ensure our library system continues to serve families and residents in ways that are accessible, welcoming, and responsive to the needs of a rapidly growing community.

Work Experience

I serve as the Executive Director of National Partnerships for Heart Math Tutoring, a nonprofit organization that provides one-on-one math tutoring to elementary students during the school day. Our model connects trained community volunteers with students who are behind in math, helping them build confidence and foundational skills. In my role, I focus on building partnerships with school districts, community organizations, and philanthropic supporters to expand access to high-quality academic support. My work includes strategic planning, fundraising, program expansion, and collaboration with local and state leaders to strengthen educational opportunities for students. Currently our footprint is in Charlotte, Winston-Salem and Charleston, South Carolina. Having moved to Raleigh almost four years ago, I am particularly interested in the opportunity to engage locally. Earlier in my career, I spent more than six years working with Heart Math Tutoring's Charlotte team helping launch and grow tutoring programs across multiple schools. Throughout my career, I have worked at the intersection of education, community engagement, and nonprofit leadership.

Volunteer Experience

A large part of my professional work centers on mobilizing and supporting volunteers. Through Heart Math Tutoring, I work closely with community members who serve as volunteer tutors for elementary school students, and I regularly partner with local organizations and civic groups to support educational initiatives. Beyond my professional role, I am looking forward to becoming more engaged locally in Wake County as my family puts down deeper roots here. Most recently I volunteered as a literacy tutor at Lynn Road Elementary School and currently am a volunteer tutor with Heart Math Tutoring virtually. Additionally, I have served as a poll greeter in Wake County for the past few elections.

Education

I received my bachelors degree in International Studies with minors in Law & Society, International Business, and Spanish from St. Bonaventure University.

Comments

[Resume -
_Cydney_Kramer_Clifton.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 *

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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Cydney Kramer Clifton

cydneyelise@gmail.com • 716-479-2068 • www.linkedin.com/in/cydney-kramer

PROFESSIONAL SUMMARY

Community-centered nonprofit leader with 10+ years of experience across education and community-based organizations, working at the intersection of partnerships, programs, and strategy. Brings a strong track record of building trusted, trust-based relationships; stewarding complex, equity-driven initiatives through growth and transition; and supporting accountable, community-informed decision-making across diverse local contexts. Known for relational leadership, adaptive problem-solving, and navigating ambiguity to translate priorities into measurable, long-term impact.

Program Design & Execution: Community-informed planning; implementation across multiple regions; continuous improvement

Partnerships & Trust-Based Engagement: Relationship stewardship; listening sessions; cross-sector collaboration; funder and community alignment

Leadership Development & Facilitation: Team development; shared decision-making; board and advisory facilitation; performance management

Data, Reporting & Infrastructure: Salesforce; dashboards and analysis; reporting for strategy and learning; CRM and database management

Technical Tools: Advanced Excel; Salesforce; Bloomerang; Microsoft 365; WordPress; Mailchimp; Zoom; EOS

RELEVANT EXPERIENCE

Executive Director, National Partnerships, *Heart Math Tutoring* July 2023- Present

- Oversee regional operations in partnership with program leadership, sustaining strong student outcomes and school retention while supporting staff development, district relationships, and organizational scalability
- Lead community-anchored strategy across expansion regions, co-designing priorities with local partners to align organizational goals with lived experience, local context, and long-term sustainability
- Directed fundraising, board engagement, and district partnerships for Heart Math Tutoring's Charleston, SC and Winston-Salem, NC regions while leading national expansion strategy and long-term viability planning
- Achieved 40% and 261% increases in local funding in Charleston and Winston-Salem, respectively, with 80% donor retention through disciplined, trust-based donor cultivation and stewardship
- Serve as a strategic thought partner to nonprofit leaders, school district partners, and funders across multiple cities, supporting decision-making in complex, resource-constrained environments
- Translate organizational strategy into community-informed implementation plans, adapting approaches based on community input, learning, and evolving needs
- Facilitate advisory boards and community leaders through shared learning and collective decision-making, including reframing understanding of true program costs, equity considerations, and shared responsibility for impact

Program Director, *Heart Math Tutoring* June 2018 - Jan 2022

- Led hiring, development, and retention of 26 full and part-time staff members serving over 23 schools, 1,300 tutors, and 1,200 students
- Exceeded program goals in 2019, 98% of students met or exceeded growth, 92% of teachers reported increased student confidence, 99% of tutors reported positive experiences
- Designed annual operating plans, quarterly goals, and quarterly program budgets for program operations
- Built Salesforce dashboards, reports, and audit structure to effectively monitor KPI's focused on student growth and program efficacy

Program Manager, Heart Math Tutoring

July 2016 - June 2018

- Scaled program model and delivery from 12 schools in 2016 to 18 schools in 2018
- Exceeded program organization goals in 2017 and 2018: 100% of students met growth, 87% of teachers reported increased student confidence, and 100% of volunteers reported positive experiences
- Coached and led school-based program coordinators, achieving 100% staff retention

Volunteer Recruitment and Engagement Director, America Needs You

Jan. 2022 - July 2023

- Led cross-functional local and national teams to design and execute volunteer recruitment, engagement, and retention strategies, resulting in a 25% increase in pipeline development from 2022 to 2023
- Led the National Partnerships Committee, stewarding relationships with 50+ corporate philanthropic partners and aligning engagement strategy with organizational equity goal
- Developed and delivered quarterly reports and analyses to inform leadership decision-making related to volunteer engagement and fundraising strategy
- Researched, designed, and deployed a Salesforce volunteer portal, reducing participation barriers and improving access, data quality, and staff execution
- Created process maps and onboarding tools to support consistency, learning, and scalability across teams

Instructional Facilitator, Martin Luther King, Jr Middle School

May 2015 - July 2016

- Designed and executed school-wide data driven instruction protocols, including quarterly assessment cycles and staff training to analyze informal and formative assessment data
- Led intervention team processes for student caseloads, coordinating academic and behavioral supports in partnership with educators and families

7th Grade Teacher, Martin Luther King, Jr Middle School

August 2012 - May 2015

- Led 7th grade social studies team to exceed student growth expectations
- Selected as Teacher of the Year and Department Chair

EDUCATION AND TRAINING

B.A. in International Studies; Minors: International Business, Spanish, and Law & Society, *St. Bonaventure University*

Corps Member, *Teach For America*

Nonprofit Essentials Certificate, *Wake Forest University*

Management Development Program, *Harvard Business School Club of Charlotte*

United Way, *Racial Equity Learning Cohort*

Regional Program, *Leadership Triangle*

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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

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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

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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

Privacy Notice

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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: *

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

Privacy Notice

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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

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](#).

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

Privacy Notice

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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

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](#).

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 - Harry 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

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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