

**Privacy Notice**

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

**Profile**

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

Durham and Wake Counties Research and Production Service District Advisory Committee:  
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

Middle Initial

McCune  
Last Name

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

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

Yes  No

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

Raleigh

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## 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.

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## 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.

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## Volunteer Experience

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

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## 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

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## Comments

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

[RyanMcCune.pdf](#)

Upload a Resume

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

Please upload a file

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## Demographics

Date of Birth

### Gender \*

Male

### Ethnicity \*

Caucasian

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## Other

### How did you become aware of Wake County volunteer opportunities?

County Website

### If you selected "Other" above, how?

Please upload a file

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## ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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

# RYAN THOMAS McCUNE, E.I.T.

+1 (717) 676-7023 · ryan@rmccune.io

rmccune.io

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

## EDUCATION

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

## PROFESSIONAL EXPERIENCE

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**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

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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

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### *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

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### *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

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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

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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**

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

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**Profile**

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

Durham and Wake Counties Research and Production Service District Advisory Committee:  
Submitted

**Please select your first Board preference: \***

WakeMed Hospital Board of Directors

**Please select your second Board preference: \***

Human Services Board

**Please select your third Board preference: \***

Planning Board

**Please select your fourth Board preference: \***

Durham and Wake Counties Research and Production Service District Advisory Committee

**Please select your fifth Board preference: \***

City of Raleigh Board of Adjustment

**Please select your sixth Board preference: \***

Board of Adjustment

Sean  
First Name

Murphy  
Middle Initial

Murphy  
Last Name

155 Dunloe loop  
Street Address

Suite or Apt

Raleigh  
City

NC  
State

27603  
Postal Code

**What district do you live in?**

None Selected

Mobile: (980) 253-4428

Primary Phone

Home: (704) 685-1152

Alternate Phone

skeg.123@outlook.com

Email Address

Johnson & Johnson

Employer

Senior Site Contract  
Manager

Job Title

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

Yes  No

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

Raleigh

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## Interests & Experiences

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

In 2025, my wife and I were blessed with the birth of our first child. I would be honored to serve in the interest of my community's betterment regardless of my personal circumstances, but parenthood has given me a deeper sense of duty to the community.

## Work Experience

11 years of experience in the Clinical Research/Development and Pharmaceutical industry. Please see resume for details.

## Volunteer Experience

## Education

UNCW B.S. - Business Administration, Economics M.S. - Business Analytics

## Comments

[Resume\\_SeanMurphy\\_2026.pdf](#)

Upload a Resume

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

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Please upload a file

Sean Murphy

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## Demographics

Date of Birth

### Gender \*

Male

### Ethnicity \*

Caucasian

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## Other

### How did you become aware of Wake County volunteer opportunities?

County Website

### If you selected "Other" above, how?

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Please upload a file

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## 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](#).

# Sean Murphy

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## SUMMARY OF QUALIFICATIONS

Challenge-Driven Professional with Experience in Project Management and Budget/Contract Negotiations

- Proficient with Microsoft Office-Word, Excel, PowerPoint; Mac OS, Windows, ClinRun; as well as experience with SQL, SAS, JMP, R Studio, Tableau, VBA, and Salesforce.

## WORK EXPERIENCE

### **J&J Innovative Medicine**

**Home-Based/Raleigh-Durham, NC**

#### **Senior Site Contract Manager – Oncology**

**May 2020-Present**

- Functions as the internal consultant on study budgets, investigator payments and acts as a consultant on the Investigator Contract and Budget development process from origination through execution.
- Advises global study teams on the processes and challenges of research site activation, with an emphasis on early development and late phase oncological trials.
- Serves as communication liaison between site engagement leadership and study teams.
- Manages budget and contract negotiations with research institutions, on behalf of J&J Global Clinical Operations.
- Facilitates the indemnification process between J&J and the participating institutions.
- Provides training and mentorship to more junior contract managers.
- Serves as a designated Subject Matter Expert (SME) for JNJ's implementation and use of the Contract Lifecycle Management suite.
- Maintains and leverages relationships with partners through the Site Ambassador program, both independently and alongside JNJ's Strategic Account Leads (SALs).

### **DOCS Global, ICON plc**

**Home-Based/Raleigh-Durham, NC**

#### **Senior Site Contract Manager – Oncology at Janssen (J&J)**

**May 2020-June 2023**

- Functions as the internal consultant on study budgets, investigator payments and acts as a consultant on the Investigator Contract and Budget development process from origination through execution.
- Advises global study teams on the processes and challenges of research site activation, with an emphasis on late phase oncological trials.
- Serves as communication liaison between site engagement leadership and study teams.
- Manages budget and contract negotiations with research institutions, on behalf of Janssen Global Clinical Operations.
- Facilitates the indemnification process between the Janssen and the participating institutions.

### **DOCS Global, ICON plc**

**Raleigh-Durham, NC**

#### **Study Start Up Associate II – Clinical Research Services**

**July 2019-May 2020**

- Functions as the internal consultant on study budgets, investigator payments and acts as a consultant on the Investigator Contract and Budget development process from origination through execution.
- Advises clients and project teams on the processes and challenges of research site activation, with an emphasis on oncological research.
- Serves as communication liaison between clients, vendors, and project management teams.
- Manages budget and contract negotiations with research institutions, on behalf of the study's sponsor.
- Facilitates the indemnification process between the study sponsor and the site.

- Develops and updates training documentation and conducts group training as necessary, mentor and train new and junior personnel in the study start up department.

**Syneos Health (Formerly INC Research)**

**Morrisville, NC**

**Site Contracts Specialist – Site Start Up**

**August 2017-July 2019**

- Independently administered and negotiated site contracts and budgets that support projects within Clinical Operations in accordance with client and Syneos Health requirements.
- Worked within the forecasted country/site contracting timelines and ensured tracking of milestone progress in agreed upon SSU tracking system.
- Administered all contract management processes, including coordination with relevant protocol, informed consent, institution, investigator, vendor, consultant, and customer agreement documents at a project level.
- Provided support to business development and represented site contracts/Site Start-Up (SSU) at internal and customer meetings.

**Pharmaceutical Product Development, LLC**

**Wilmington, NC**

**Commercial Analyst – Commercial Finance**

**August 2016-June 2017**

- Coordinated the timely collection of data for proposal and budget development in response to Requests for Proposal.
- Prepared accurate bids and proposals that conformed to PPD contract requirements and to meet the needs of clients such as GSK, Pfizer, Takeda, and Celgene.
- Collaborated with fellow analysts to develop a budget proposal of several hundred million dollars, within one week.
- Expedited data manipulation, analysis, and routine tasks through the development of Macros within Microsoft Excel.

**Pharmaceutical Product Development, LLC**

**Wilmington, NC**

**Intern - Portfolio Development and Management**

**July 2015-January 2016**

- Worked with Project Managers to maintain and prepare up-to-date sources of information for Senior Leadership teams or other relevant stakeholders, with an emphasis on financial data.
- Developed training documents and presentations for employee onboarding and data management.

**EDUCATION**

**University of North Carolina Wilmington**

**Graduation: Spring 2022**

Cameron School of Business

Master of Science, Business Analytics, GPA: 3.97

**University of North Carolina Wilmington**

**Graduation: Spring 2016**

Cameron School of Business

Bachelor of Science, Business Administration

**Concentration:** Economics, GPA: 3.43

**HONORS**

- SOAR Merit Scholarship: \$5,000 per year
- Cameron Executive Network

**Profile**

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

Durham and Wake Counties Research and Production Service District Advisory Committee:  
Submitted

**Please select your first Board preference: \***

Durham and Wake Counties Research and Production Service District Advisory Committee

**Please select your second Board preference: \***

United Arts Grants Panels

**Please select your third Board preference: \***

Juvenile Crime Prevention Council

**Please select your fourth Board preference: \***

Domestic Violence Fatality Review Team

**Please select your fifth Board preference: \***

Adult Care Home Community Advisory Committee

**Please select your sixth Board preference: \***

Nursing Home Community Advisory Committee

Nathaniel

First Name

C

Middle Initial

Drum

Last Name

4004 Grand Manor Court

Street Address

Apartment 305

Suite or Apt

Raleigh

City

NC

State

27612

Postal Code

**What district do you live in?**

None Selected

Home: (828) 234-4485

Primary Phone

Business: (919) 792-4712

Alternate Phone

nathaniel.drum@alumni.wfu.edu

Email Address

North Carolina Business Court

Employer

Judicial Law Clerk (Attorney)

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

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## Interests & Experiences

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

As a new resident of Raleigh, I want to serve on a city board or commission so that I can better make connections throughout the city while working to improve the life of my fellow citizens.

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## Work Experience

Judicial Services Coordinator for the North Carolina Department of Public Safety  
Probation/Parole Officer for the North Carolina Department of Public Safety Judicial Law Clerk (Attorney) at the North Carolina Business Court

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## Volunteer Experience

Wake County Teen Court Volunteer Presiding and Sentencing Judge American Associates for Justice (AAJ) Law School Regional Mock Trial Volunteer Judge American Mock Trial Association (AMTA) Invitational Volunteer Judge MockOn High School Mock Trial Competition Volunteer Judge North Carolina Bar Association Middle School Mock Trial Competition Volunteer Judge North Carolina Advocates for Justice High School Mock Trial Competition Site Coordinator Wake Forest University Summer Immersion Program Student Life Coordinator Wake Forest University School of Law Admissions & Financial Aid Student Liaison North Carolina Summer Appellate Seminar Participant

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## Education

University of North Carolina at Chapel Hill, Bachelor of Arts in Political Science Wake Forest University School of Law, Juris Doctor

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## Comments

[Professional\\_Resume.pdf](#)

Upload a Resume

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

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Please upload a file

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## Demographics

Nathaniel C Drum

Date of Birth

**Gender \***

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Male

**Ethnicity \***

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Caucasian

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**Other**

**How did you become aware of Wake County volunteer opportunities?**

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Current Wake County Volunteer

**If you selected "Other" above, how?**

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Please upload a file

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**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](#).

# Nathaniel C. Drum

4004 Grand Manor Ct.; Apt. 305; Raleigh, NC 27612 || (828) 234-4485 || nathaniel.drum@alumni.wfu.edu

## Education

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### Wake Forest University School of Law

Juris Doctor (J.D.), May 2024

Winston-Salem, NC

GPA: 3.60 (Top 17%)

#### Honors and Awards:

- *Cum Laude* Academic Honors
- Order of the Barristers
- Pro Bono Honor Society
- Wake Forest University Summer Immersion Law Institute Honorarium Recipient
- Dean Suzanne Reynolds Award for the Highest Grade in Legal Research II; Pre-Trial Practice & Procedure; and Trade Secrets & Unfair Competition
- 2024 Cynthia Zeliff Trial Competition Champion
- 2023 Edwin Stanley Moot Court Top 16 Finalist
- 2023 Cynthia Zeliff Trial Competition Semi-Finalist

### University of North Carolina at Chapel Hill

Bachelor of Arts in Political Science, May 2018

Chapel Hill, NC

## Licenses

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### North Carolina State Bar

Licensed Attorney

State Bar No. 62898

Admission Date: 10/04/2024

### North Carolina Secretary of State

Notary Public

Notary No. 201821100064

Expiration Date: 04/14/2029

## Law School Leadership

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- Staff Editor for the *Wake Forest Law Review*
- Staff Editor for the *Wake Forest Journal of Business & Intellectual Property*
- Symposium Edition Editor for the *Harvard Journal of Law & Public Policy*
- Teaching Assistant for Contracts I
- National Trial Team Captain
- American Bar Association National Appellate Advocacy Competition Representative
- Expungements Clinic Coordinator for the Wake Forest Law Pro Bono Project
- First Generation Law Society Mentorship Chair

## Professional Experience

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### North Carolina Business Court

Judicial Law Clerk to the Honorable Mark A. Davis

Raleigh, NC

August 2024 – August 2026

- Reviewed the parties' briefs, conducted independent legal research, drafted bench memoranda, and drafted more than a dozen opinions and orders of significance for publication on Lexis and Westlaw
- Researched and conferenced with Judge Davis on multiple issues of first-impression under North Carolina commercial law, including issues involving: choice-of-law, subject-matter jurisdiction, joinder, fiduciary duty, shareholder rights, commercial tort claims, and attorneys' fees award calculations
- Responsible for overseeing the efficient administration of over two dozen complex commercial cases, including class-action disputes, direct and derivative shareholder suits, and administrative law appeals

### Restoring Integrity & Trust in Elections

The Fund for American Studies Summer Law Clerk

Washington, DC

June 2023 – July 2023

- Conducted legal research and historical analysis regarding voting rights during various periods of Constitutional change in order to identify areas for potential future litigation
- Drafted, critiqued, summarized, and edited court filings including Amicus briefs, Motions to Dismiss, and Motions for Summary Judgment in ongoing federal and state election litigation cases

### North Carolina Court of Appeals

Judicial Extern to the Honorable Hunter Murphy

Raleigh, NC

July 2022 – December 2022

- Drafted bench memoranda, court orders, and judicial opinions for complex criminal and civil cases
- Reviewed and analyzed appellate briefs and conducted legal research in order to prepare Judge Murphy for oral arguments and case conferences

**Truist Financial**

Mecklenburg County Bar Diversity Law Clerk

Charlotte, NC

June 2022 – July 2022

- Conducted legal research and drafted memoranda regarding class-action liability for electronic service outages and consumer data privacy following corporate mergers and acquisitions
- Compiled and analyzed new and amended state statutes regulating the collection, storage, use, and distribution of consumer data and private information

**Moore & Van Allen**

Mecklenburg County Bar Diversity Law Clerk

Charlotte, NC

May 2022 – June 2022

- Conducted research and drafted memoranda regarding various issues including contract interpretation, property rights, and evidentiary standards
- Accompanied attorneys to court proceedings and created summary reports regarding civil motions hearings, depositions, and contested bankruptcy hearings

**James, McElroy & Diehl**

North Carolina State Bar Certified Paralegal

Charlotte, NC

November 2020 – July 2021

- Wrote, reviewed, and edited complaints, answers, and motions relating to all family court matters including child support, child custody, spousal support, and equitable distribution
- Collaborated with attorneys to prepare for trials and motion hearings by writing issue synopses, creating evidence binders, and researching relevant case law and statutes

**North Carolina Department of Public Safety**

Probation and Parole Officer

Gastonia, NC

April 2020 – December 2020

- Appeared in court and presented case details to the court including steps taken to engage defendants in community activities and the impact of those initiatives on defendants' conduct
- Reviewed case files and met with defendants to make connections with city, county, and state resources and address identified criminogenic needs to reduce the risk of recidivism

**North Carolina Department of Public Safety**

Judicial Services Coordinator

Newton, NC

July 2019 – April 2020

- Interviewed and elicited information from convicted offenders regarding their contact information, demographics, employment, education, and criminal background
- Filed violations for non-compliance of court-ordered community service and appeared in District Criminal Court alongside the district attorney to testify as to the offender's violations

**The McIntosh Law Firm**

North Carolina State Bar Certified Paralegal

Davidson, NC

October 2018 – July 2019

- Drafted pleadings, estate planning documents, and correspondence with creditors and financial institutions relating to estate administration matters
- Assisted in client intake interviews, contacted clients with regular case updates, and answered questions regarding the estate administration and probate process

**Academic Publications**

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Wake Forest Law Review Current Issues Blog

March 2024

[\*North Carolina's Nesting Doll Dilemma: Attorneys Fees as a Sanction in Family Law Criminal Contempt Proceedings\*](#)**Community Service**

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Wake County Teen Court Volunteer Presiding and Sentencing Judge

American Associates for Justice (AAJ) Law School Regional Mock Trial Volunteer Judge

American Mock Trial Association (AMTA) Invitational Volunteer Judge

MockOn High School Mock Trial Competition Volunteer Judge

North Carolina Bar Association Middle School Mock Trial Competition Volunteer Judge

North Carolina Advocates for Justice High School Mock Trial Competition Site Coordinator

Wake Forest University Summer Immersion Program Student Life Coordinator

Wake Forest University School of Law Admissions &amp; Financial Aid Student Liaison

North Carolina Summer Appellate Seminar Participant

**Profile**

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

Durham and Wake Counties Research and Production Service District Advisory Committee:  
Submitted

**Please select your first Board preference: \***

Durham and Wake Counties Research and Production Service District Advisory Committee

**Please select your second Board preference: \***

Raleigh-Durham Airport Authority

**Please select your third Board preference: \***

Agricultural Advisory Board

**Please select your fourth Board preference: \***

Alcoholic Beverage Control Board

**Please select your fifth Board preference: \***

Keep America Beautiful Advisory Board

**Please select your sixth Board preference: \***

City of Raleigh Planning Commission

Nigel  
First Name

Armes  
Middle Initial

Armes  
Last Name

26 Davis Drive  
Street Address

Suite or Apt

Durham  
City

NC  
State

27709  
Postal Code

**What district do you live in?**

None Selected

Mobile: (973) 342-0898  
Primary Phone

Mobile: (919) 703-7812  
Alternate Phone

nigel.armes@basf.com  
Email Address

BASF  
Employer

Director R&D Operations & Site Management  
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?**

BASF has been located in Research Triangle Park since 1986, and I personally have lived in Wake County since 2002. Serving on a Board provides an opportunity to leverage my experiences living in the area and to pay back to the community

## Work Experience

Agriculture R&D, Site Director for a major agrochemical firm, Project Manager, Overseas Aid Projects

## Volunteer Experience

Carolina Ballet backstage

## Education

PhD Entomology, BSc Zoology

## Comments

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Upload a Resume

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

---

Please upload a file

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## Demographics

Date of Birth

**Gender \***

Male

Nigel Armes

**Ethnicity \***

---

Caucasian

---

**Other**

**How did you become aware of Wake County volunteer opportunities?**

---

Other

**If you selected "Other" above, how?**

---

RTP Foundation

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Please upload a file

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**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](#).

**Profile**

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

Durham and Wake Counties Research and Production Service District Advisory Committee:  
Submitted

**Please select your first Board preference: \***

Durham and Wake Counties Research and Production Service District Advisory Committee

**Please select your second Board preference: \***

Durham and Wake Counties Research and Production Service District Advisory Committee

**Please select your third Board preference: \***

Durham and Wake Counties Research and Production Service District Advisory Committee

**Please select your fourth Board preference: \***

Durham and Wake Counties Research and Production Service District Advisory Committee

**Please select your fifth Board preference: \***

Durham and Wake Counties Research and Production Service District Advisory Committee

**Please select your sixth Board preference: \***

Durham and Wake Counties Research and Production Service District Advisory Committee

Jennifer

First Name

Gilson

Last Name

Middle Initial

Alexandria Real Estate Equities, Inc.

Street Address

12 Davis Drive

Suite or Apt

Research Triangle Park

City

NC

State

27713

Postal Code

**What district do you live in?**

None Selected

Mobile: (626) 314-4908

Primary Phone

Business: (626) 314-4908

Alternate Phone

kgilson@are.com

Email Address

Alexandria Real Estate  
Equities, Inc

Employer

Executive Director

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:**

None Selected

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## Interests & Experiences

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

RTF approached Alexandria about nominating someone from our organization for SDAC board membership; Alexandria is a large land owner and developer in RTP. I am an alternate for our primary nominee.

**Work Experience**

**Volunteer Experience**

**Education**

**Comments**

---

Upload a Resume

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

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Please upload a file

---

## Demographics

Date of Birth

Jennifer Gilson

**Gender \***

---

Female

**Ethnicity \***

---

Caucasian

---

**Other**

**How did you become aware of Wake County volunteer opportunities?**

---

None Selected

**If you selected "Other" above, how?**

---

---

Please upload a file

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**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](#).