

Profile

Which Boards would you like to apply for?

Wake County Water Partnership: Submitted

Please select your first Board preference: *

None Selected

Please select your second Board preference: *

Industrial Facilities and Pollution Control Financing Authority

Please select your third Board preference: *

Water Partnership

Please select your fourth Board preference: *

Human Services Board

Please select your fifth Board preference: *

Planning Board

Please select your sixth Board preference: *

None Selected

William

First Name

Middlebrook

Last Name

Middle Initial

410 Oakridge Rd

Street Address

Suite or Apt

Cary

City

NC

State

27511

Postal Code

What district do you live in?

None Selected

Home: (630) 956-6329

Primary Phone

Home: (630) 956-6329

Alternate Phone

will.d.middlebrook@gmail.com

Email Address

NTT Data

Employer

Senior Manager, Data and AI

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 am looking for opportunities to serve my community, and I think my skills and experience could be a great fit. The triangle is an engine of economic mobility for our region, and increasingly our nation. With good planning, community engagement and partnerships, I believe we will grow into an economic powerhouse that will also lead country in quality of life and affordability. I hope to participate in making this happen.

Work Experience

I am a geologist by training and have worked in energy technology my entire career. My first job was an environmental consultant helping remediate superfund sites at abandoned mining sites in Colorado and since then have worked in geothermal, wind, oil and gas, and utility industries and am proud of the work I have done to provide energy more economically, safely, and to enable a faster energy transition. A couple of highlights below: 1. Led the development of smart grid technology at a major utility, resulting in increased transmission for renewables and reduced public risk due to low wires 2. Developed a battery storage multi-year demand forecast for an international wind company, enabling them to deploy capital to markets that need grid balancing the most 3. Predictive Asset Management, optimizing inspections for less power outages and reduced cost to public

Volunteer Experience

1. Started the Young Energy Professionals section of the Houston Geological Society (1 year)
2. Young Professionals for Child Advocates (5 years)
3. Houston Election Clerk Volunteer (2020 election)

Education

Wheaton College, Bachelors Geology Texas A&M, Masters Geology

Comments

[Will_Middlebrook_Bio.pdf](#)

Upload a Resume

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

Please upload a file

Demographics

Date of Birth

Gender *

Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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WILL MIDDLEBROOK

SENIOR MANAGER | DATA AND AI

Will has deep experience in the operations of capital-intensive businesses, both in office and the field. Will's data projects have reduced costs, empowered engineers with the data and tools needed to make data-informed decisions and reduced uncertainty.

Having started his career in upstream oil and gas operations, Will brings a unique perspective that is laser focused on delivering data-driven products that impact the bottom line.

KEY AREAS OF EXPERTISE

Transmission and Distribution

- Created an industry-leading decision platform for engineering teams that integrated asset data, predictive failure rates, risk scores and a user interface for strategic distribution asset repair and replacement.
- Developed dynamic line ratings for all transmission assets in a utilities service territory using super computing forecasts and cable specifications, resulting in reduced safety risk and increased transmission capacity the majority of the time.

Generation and Trading

- Regression models using customer transaction data resulting in predictive trading signals data product. Estimated ~1.5 million in revenue in first year.
- SARIMAX time series and simulation models forecasting demand and simulating potential futures in power markets out to 2050 as part of a \$500k consulting engagement.
- Predictive modeling data product resulting in higher confidence sales estimates for five contributor member companies (Regression, Random Forest).

Upstream Oil and Gas

- Pre-drill oil and gas modeling, resulting in 5 year oil-to-sales for both planned and potential wells, enabling high-precision planning and portfolio planning.
- Machine learning depth-series (Random Forest, regression) data product valued that reduced uncertainty and fed a decision engine for the business

Additional Expertise

- Asset Failure Classification
- Geospatial Prediction (Kriging)
- Time-Series Market Simulation
- Anomaly Detection
- Pre-drill production forecasting

Client and Industry Experience

- Transmission and Distribution
- Power Generation
- Ancillary Services Markets
- Upstream Oil and Gas
- Commodity Trading

Education & Certifications

- Texas A&M University, **Masters of Science in Geology**
- Wheaton College, **Bachelors in Geology**
- AWS Certified **Cloud Practitioner**

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Water Partnership

Please select your second Board preference: *

Centennial Authority

Please select your third Board preference: *

Citizen's Energy Advisory Commission

Please select your fourth Board preference: *

Citizen's Energy Advisory Commission

Please select your fifth Board preference: *

Centennial Authority

Please select your sixth Board preference: *

Citizen's Energy Advisory Commission

Amy (Jeri)

First Name

B

Middle Initial

Gray

Last Name

2406 Stafford Ave

Street Address

Suite or Apt

Raleigh

City

NC

State

27607

Postal Code

What district do you live in?

None Selected

Mobile: (919) 906-0012

Primary Phone

Mobile: (919) 906-0238

Alternate Phone

jerigray0@gmail.com

Email Address

Retired

Employer

Writer/editor

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

Interests & Experiences

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

I have a long standing interest in and familiarity with water issues.

Work Experience

For 16 years I worked with the UNC Water Resources Research Institute as a science writer editor. In this position, I monitored and reported on water related actions of the N C General Assembly, the N C Environmental Management Commission and other environment-related regulatory boards and commissions for the Institute's newsletter, which I wrote, edited and produced. I also produced newsletters for the Institute's Urban Water Consortium and the N C Erosion Control Commission. In addition, I edited and summarized for the newsletter technical reports on research sponsored by the Institute.

Volunteer Experience

As a long-time member of the League of Women Voters of Wake County's Environment Committee, I represented the League on numerous Wake County Water-related task forces and study groups. In 1998, I was appointed by the Wake County Board of Commissioners to the Wake Water and Sewer Task Force and reported on actions of the task force in the League's newsletter. I also served on the advisory board for the Wake County Comprehensive Groundwater Investigation in 2003, the Wake Watershed Task Force in 2002, and the Environmental Impact Study (EIS) scoping study for the proposed Little River Reservoir in 2008-9. Later, I followed the EIS process for reallocation of water in Falls Lake for water supply for Raleigh and composed for the League a letter to the USA Corps of Engineers to support the reallocation.

Education

I have earned a BA in English and professional writing from Western Carolina University, a BA in philosophy from N C State University, and an MLS in environmental studies from NCSU.

Comments

Since I have been retired for nearly 20 years, I do not have an up-to-date resume. Prior to working for the UNC water Resources Research Institute, I taught high school English for 7 years, worked in corporate communications with Martin Marietta Materials (then Aggregates), and served as editor of the NCSU Alumni magazine for 7 years. I am married to Mike Gray. We both retired from NCSU. We have a son and two grandchildren, all of whom we have raised to be avid outdoor people and whitewater paddlers. Mike and I are also long-time practitioners of yoga and continue to be.

Upload a Resume

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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?

I've done it before.

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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Amy (Jeri) B Gray

WAKE COMMISSIONERS WILL BE ASKED TO BUDGET \$500,000 TO STUDY WATER AND SEWER OPTIONS

By
-Jeri Gray

At the June 25 meeting of the Wake Water and Sewer Task Force, county staff announced that the engineering firm CH2M Hill and the financial consulting firm Ruffell Associates have been chosen to study options for a comprehensive plan for water and sewer for Wake County and its municipalities. The study, which will be used to update the county's 8-year-old water and sewer plan, will cost about one-half million dollars, and the Wake County Commissioners will be asked at their July 21st meeting to revise the current budget to accommodate the cost.

Appointed by the Wake County Commissioners in November 1996 on recommendations from the Greater Raleigh Chamber of Commerce, the Water and Sewer Task Force's charge is to make recommendations to (1) update the county's water and sewer plan, (2) revise the county's water and sewer policy, and (3) develop a plan for expanding the county's funding for water and sewer.

Up to this point, Wake County's policy has been that it is primarily the responsibility of municipalities to provide water and sewer. The county has restricted its involvement in provision of water and sewer to providing some outright funding for system interconnections and line extensions in very limited situations. Now, the Greater Raleigh Chamber of Commerce wants the commissioners to re-examine that policy. The study to be undertaken by CH2M Hill and Ruffell is expected to provide the information commissioners need to decide whether the county should take a more active role in providing water and sewer.

It seems clear that the Greater Raleigh Chamber of Commerce thinks Wake County should become more involved in providing water and sewer. In 1995, the Chamber appointed a committee to study the issue of water and sewer on a countywide basis. According to the report of that committee, the smaller municipalities in Wake County do not have the money to extend water and sewer to new areas or industries and are therefore missing out on development opportunities. In addition, according to the report, development occurring outside municipal

jurisdictions on wells and septic tanks or with private water/sewer systems is not dense enough or constructed at high enough standards that municipalities can take them over and serve them efficiently in the future.

Therefore, according to the Chamber, the lack of a comprehensive county water and sewer plan is discouraging sprawl and preventing smaller municipalities from getting their share of the development bonanza. It is also clear that what some members of the Wake County Water and Sewer Task Force would like to see is consolidation of all the current water and sewer facilities into one operation. One of the first actions of the Task Force was to hear from the Charlotte-Mecklenburg Utility District (CMUD) about the consolidation of municipal systems in Mecklenburg County that created CMUD. In addition, the engineering/financial study that will be done for Wake County will look at three scenarios: (A) status quo—that is municipalities with facilities continue to operate independently with facilities continue to level of sharing (which implies co-ownership and co-operation) of existing and proposed facilities; (B) fully shared management and operation of facilities throughout the county, including possible contracting with the private sector to operate shared facilities. The economic part of the study will attempt to define the savings from various levels of shared facilities.

More participation by the county in developing water and sewer infrastructure, and even a single county water and sewer system, might not be bad ideas. However, the questions relating to this issue are many and complex. For instance:

- Would such a change in county policy serve principally to guide development into municipalities in an orderly and economically efficient manner, or would it serve more to sustain the development boom by removing the constraint that such inappropriate for septic tanks in many areas of the county put on residential development? And, if the latter is the case, what are the secondary impacts of such continuing development in terms of costs for other services (schools, roads, police, fire) and environmental-quality of life issues such as increased traffic, air pollution, water pollution, and loss of open space and green areas?
- Is it fair or desirable to ask county residents with private individual or community water supplies to subsidize through taxes (much more than they already do) public water and sewer systems?

(Continued on facing page)

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Please select your first Board preference: *

Raleigh-Durham Airport Authority

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: *

Wake County Water Partnership

Please select your fifth Board preference: *

Triangle Transit Authority Board

Please select your sixth Board preference: *

Economic Development Commission

Gilbert

First Name

A

Middle Initial

Formyduval

Last Name

4701 Saratoga Falls Ln

Street Address

Suite or Apt

Raleigh

City

NC

State

27615

Postal Code

What district do you live in?

None Selected

Mobile: (919) 737-5420

Primary Phone

Mobile: (919) 737-5420

Alternate Phone

gilbert.formyduval@gmail.com

Email Address

Parker Hannifin

Employer

Process Development Engineer

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:

Unincorporated Wake County

Interests & Experiences

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

I would like to get more involved in my community and contribute to ensure Wake county positions itself for the future and being inclusive of all its citizens

Work Experience

-5 years at Corning Inc as process engineer -2 years at Parker Hannifin as process development engineer

Volunteer Experience

-student mentorship at the college level and graduate level

Education

-B.S. Chemical Engineering, Florida Tech -M.S. Chemical Engineering, NC State -Ph.D Chemical Engineering, NC State

Comments

[Gilbert_Formyduval_v01.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

04/20/1989

Date of Birth

Gender *

Male

Gilbert A Formyduval

Ethnicity *

Hispanic

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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Gilbert Formyduval (Castillo), PhD

919-737-5420 | gilbert.formyduval@gmail.com | www.linkedin.com/in/gilbertformyduval

Senior Materials Engineer and R&D Leader with 10+ years of engineering, development, and leadership experience in the glass, chemical, and automotive industries. **Deep expertise** polymeric, glass, and ceramic materials and their applications in new product development, manufacturing process development, and scale up. **Highly skilled** in manufacturing process design, failure mode analysis, change management, and risk assessment and mitigation for manufacturing processes. **Global collaborator** and **unifying communicator** with the ability to translate complex scientific concepts for non-technical and business stakeholders. **Bilingual** in English and Spanish.

Career Highlights

Designed New Manufacturing Facility for Thermal Gap Fillers

In two years, designed new manufacturing process (\$60M CapEx) for the continuous manufacturing of thermally conductive gap filler products.

New automated manufacturing facility designed to produce up to 12,000 metric tons per year of gap filler products.

Developed New Material That Saved \$105M in Packaging Costs

Served as technical lead on project to screen coating candidates for glass sheet surface protection during manufacturing. Identified multiple formulations that reduced surface defects (particles, stains, and scratches) by 50% or more.

Leveraged these insights to develop a new glass interleaf material that achieves these results while also reducing packaging costs by 90% per year, equating to \$105M spend.

Executed Multiple Continuous Improvement Initiatives

In five years, took the lead on several process improvement initiatives. Notable projects include:

- ✓ Improved coating curing process, resulting in \$1.5M/year savings for the optical communications business.
- ✓ Scaled up production of key automotive parts, which reduced cycle time by 80%.
- ✓ Increased annual revenue by approx. \$1M by developing a fixturing system to improve yield and quality of automotive interior glass panels.

Professional & Research Experience

PARKER HANNIFIN, Cary, NC

Process Development Engineer, 04/2022 to present

Led engineering team in the process engineering group for development and scale up of continuous manufacturing of thermally conductive silicone and urethane gap fillers. Delivered technical feasibility of manufacturing technology at pilot scale and process design of large-scale production.

- Delivered pilot-scale manufacturing line capable to produce thermally conductive silicone and urethane gap fillers that met customer specifications; identified critical equipment and process parameters for optimal gap filler production
- Developed large-scale manufacturing process, specified manufacturing equipment and facility requirements, conducted vendor equipment trials, and performed equipment vendor selection
- Implemented controls engineering capability that allows for statistical process control and fundamental understanding of process impacts on key product characteristics

CORNING INCORPORATED, Corning, NY

Supervisor/Sr. Process Engineer, Surface Engineering, 08/2019 to 04/2022

Process Engineer, Surface & Coating Engineering, 07/2017 to 08/2019

Bridged the science, engineering, and R&D groups to support the display technology, specialty materials, pharmaceutical, and automotive glass solutions business units. Led team of four (scientist, two engineers, and technician).

- Led coating formulation development projects for glass products as well as development of large-scale coating application processes
- Optimized manufacturing processes for better yield, cycle time, product quality, cost effectiveness, and customer satisfaction, with a focus on resolving issues related to coatings, surface contaminants, and surface defects
- Worked in close collaboration with global, peers in engineering and science disciplines located in North America, Europe, and Asia plant sites, as well as suppliers (raw materials and equipment) and major customers
- Managed cross-functional project teams and direct reports

NORTH CAROLINA STATE UNIVERSITY, Raleigh, NC

Polymer Research Scientist (Graduate Researcher), 08/2012 to 05/2017

With industrial partner (Eastman Chemical Company), led a multiyear project to develop a more sustainable, low-cost method for producing multifunctional surfaces.

- Designed coating system for use as a platform for surface functionalization of polyesters, based on structure-property relationships of polyester materials
- Utilized general surface characterization tools (e.g., fluorescence microscopy, XPS, AFM, FTIR, and TOF-SIMS), analytical chemistry techniques (e.g., LC-MS, GC-MS, and NMR), and laboratory methods (e.g., spin-coating, dip-coating, thin-layer chromatography, and re-crystallization purification methods)
- Coating system improved solvent resistance of polyester material, prevented solvent-induced crystallization, and improved scratch resistance

Continued next page

Honors & Awards

- ✓ 1st Place Winner, Schoenborn Graduate Research Symposium, NC State University, 2017
- ✓ Winner, [Three-Minute Thesis Public Speaking Contest](#), NC State University, 2016
- ✓ Corning GEM Graduate Fellowship, 2013
- ✓ Congress-Bundestag Fellowship for Young Professionals, 2011
- ✓ NASA Motivating Undergraduates in Science and Technology (MUST) Scholar, 2008 to 2011
- ✓ Horatio Alger Scholar, 2007
- ✓ American Chemical Society Scholar, 2007

Patents

- ✓ [Engineering paper for flat panel display surface protection](#) (WO2022245608A1 Filed 2022)
- ✓ [Surface-modified polymers](#) (U.S. 20190185620A1, Filed 2019)
- ✓ [Textured glass articles and methods of making the same](#) (U.S. 11485677B2, Granted 2022)
- ✓ [Surface-modified polymers](#) (U.S. 20190225746A1, Filed 2016)
- ✓ [Compact electronic security locker system](#) (U.S. 20090033456A1, Filed 2007)

Certification & Licensure

- ✓ Engineering Intern, Florida Board of Professional Engineers, 2011
- ✓ Situational Leadership, The Ken Blanchard Companies, 2021
- ✓ Leading Engaged Teams, The Wiseman Group, 2021
- ✓ Six Sigma DMAIC Green Belt, Corning, 2019

Additional Experience

EASTMAN CHEMICAL COMPANY, Kingsport, TN

Co-Op, Cellulose Ester Applications Innovations, 08/2015 to 12/2015

Investigated structure-property relationship of cellulose esters to tailor material for various applications, including flame retardants and fragrance release materials. Developed a low-cost, non-toxic flame retardant formulation for cellulose esters.

CORNING INCORPORATED, Corning, NY

Intern, Display Technologies, Product & Process Development, 05/2013 to 08/2013

Investigated glass surface treatments to minimize electrostatic discharge events, including development of a metrology method to measure electrostatic discharge on glass surfaces.

BASF SE, Ludwigshafen, Germany

Co-Op, Energy Conversion & Storage, Electrochemical Research, 02/2012 to 06/2012

Developed a carbon electrode that was less prone to corrosion, thus extending fuel cell battery life. Determined the mechanism of carbon electrode corrosion in fuel cell batteries. Installed corrosion testing apparatus for fuel cell electrodes.

NASA | Goddard Space Flight Center, Greenbelt, MD

Intern, Contamination & Coatings Engineering, 06/2010 to 08/2010

Part of the team that developed a conductive thermal coating system for spaceflight applications, including optimizing an application technique that improved adhesion of thermal protective coating to the surface of composite materials.

NASA | Ames Research Center, Mountain View, CA

Intern, Prognostics Center of Excellence, 06/2009 to 08/2009

Designed and conducted experiments using electrochemical impedance spectroscopy to predict end-of-life of lithium-ion batteries. Contributed to efforts to manufacture samples and setup of testing apparatus to predict failure of carbon composites used in aviation.

Publications

Castillo, G.A., Efimenko, K., Dickey, M.D., Gorman, C.B., & Genzer, J. (2021). Deposition of Silicate Coatings on Poly(ethylene terephthalate) for Improved Scratch and Solvent Resistance. *Journal of Applied Polymer Science*, 139(11).

Joshipura, I.D., Ayers, H.R., **Castillo, G.A.**, Ladd, C., Tabor, C.E., Adams, J.J., & Dickey, M.D. (2018). Patterning and Reversible Actuation of Liquid Gallium Alloys by Preventing Adhesion on Rough Surfaces. *ACS Applied Materials & Interfaces*, 10(51).

Castillo, G.A., Wilson, L., Efimenko, K., Dickey, M.D., Gorman, C.B., & Genzer, J. (2016). Amidation of Polyesters is Slow in Nonaqueous Solvents: Efficient Amidation of Poly(ethylene terephthalate) with 3-Aminopropyltriethoxysilane in Water for Generating Multifunctional Surfaces. *ACS Applied Materials & Interfaces*, 8(51).

Education

NORTH CAROLINA STATE UNIVERSITY, Raleigh, NC

Doctor of Philosophy (PhD) in Chemical Engineering

Dissertation: "[Surface Modifications and Functional Silicate Coatings for Polyesters and Cellulose Esters](#)" (Full text available at link)

Master of Science (MS) in Chemical Engineering

FLORIDA INSTITUTE OF TECHNOLOGY, Melbourne, FL

Bachelor of Science (BS) in Chemical Engineering

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Wake County Water Partnership

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

Stephen

First Name

R

Middle Initial

Morgan

Last Name

1001 JAPONICA CT

Street Address

Suite or Apt

KNIGHTDALE

City

NC

State

27545

Postal Code

What district do you live in?

None Selected

Mobile: (919) 961-0887

Primary Phone

Home: (919) 266-0805

Alternate Phone

stephen.morgan@knightdalenc.gov

Email Address

Town of Knightdale

Employer

Council member

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:

Knightdale

Interests & Experiences

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

To replace current member Bill Summers, Knightdale Town manager; to continue to provide input from the Town of Knightdale; and to lend my expertise to the board.

Work Experience

Knightdale town council member December 2019 to present; Knightdale planning board member and chair 2008 to 2018; Retired October 2023 from NCDOT in the role of the State Hydraulics Engineer for NCDOT.

Volunteer Experience

Knightdale planning board Hospice HOA board and president SECU board

Education

B.S. Civil Engineering NC State University, 1992 Professional Engineer

Comments

Recommended replacement for the current Knightdale board member, town manager Bill Summers

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

Stephen R Morgan

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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Wake County Water Partnership

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

Richard

First Name

F

Middle Initial

Livingston

Last Name

817 Hillsborough St

Street Address

F202

Suite or Apt

Raleigh

City

NC

State

27603

Postal Code

What district do you live in?

None Selected

Mobile: (919) 671-4596

Primary Phone

Home: (919) 671-4596

Alternate Phone

richardflivingston@gmail.com

Email Address

UNC School of Government

Employer

Student/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 deeply interested in serving on the Board or Commission for the Wake County Water Partnership because I believe in the critical importance of sustainable water management and its direct impact on our community's well-being. Water is a finite and invaluable resource, and the responsible stewardship of this resource is paramount to our present and future generations. I bring a unique blend of experience and dedication to this role. My background in county administration and county water systems has equipped me with the knowledge and skills necessary to contribute effectively to this board. I have a passion for environmental sustainability and a track record of working collaboratively to find practical solutions to complex issues. Moreover, I am committed to the Wake County area and its residents. I recognize that water issues transcend geographical boundaries and require local, regional, and global cooperation. I am eager to serve as a liaison between the Partnership, local communities, and governmental bodies to ensure that we have a comprehensive approach to water management that not only meets the immediate needs but also plans for a resilient and sustainable future. I am excited about the opportunity to make a positive impact on our region's water resources, address challenges, and promote innovative solutions. Serving on this Board or Commission would allow me to contribute to the welfare and prosperity of our community, and I am ready to devote my time, energy, and expertise to this important cause.

Work Experience

I have previous work experience in County Government. My experiences in County Government included multiple projects and opportunities directly related to water resources including water fund capital budgeting, GIS based asset management, and the development of wellhead protection plans.

Volunteer Experience

From 2019-to 2021 I was the co-director of a student organization at UNC that assisted people with navigating the federal health insurance marketplace (Obamacare).

Education

UNC Chapel Hill 2021, Bachelors of Science in Public Health: Health Policy and Management, second major in Geography UNC-CH Current MPA Candidate, expected graduation in Spring of 2025

Comments

[Rlivingston_Resume_11012022.pdf](#)

Upload a Resume

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

Please upload a file

Demographics

Date of Birth

Gender *

Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

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Richard Livingston

(919) 671-4596 • richardflivingston@gmail.com

EXPERIENCE

Senior Project Manager

June 2022 - Present

Washington County | Plymouth, NC

- Secured and collaboratively managed grant funds totaling over \$50,000,000 for multiple government projects.
- Managed cadastral database consisting of more than 12,000 parcels.
- Oversaw the successful initialization/completion of a 6+ capital projects ranging from water main expansion to SCADA system replacement.
- Developed and deployed the County's first website redesign in over 10 years increasing organizational transparency and ease of use.

AmeriCorps Member – Lead for North Carolina

August 2021 - June 2022

Washington County | Plymouth, NC

- Developed and implemented the County's first public facing, multi-year Capital Improvement Plan.
- Utilized GIS and demographic data to redistrict Washington county as well as two other municipalities in Eastern NC.
- Created the County's first online work order system that manages over 10 work orders a day using JavaScript, cutting down on response time and waste.
- Performed a network analysis to determine the location for a new EMS substation, utilizing more than 11,000 individual geolocated data points derived from EMS calls over a two-county area.

General Management Corporate Intern

June 2020 - August 2020

Aetna, A CVS Health Company | Virtual

- Monitored brokerage firm business relationships with a custom-built survey.
- Developed a custom producer portal database to manage producer contacts, contracts, and documents.
- Placed 1st overall in an enterprise intern challenge consisting of more than 40 teams.

Research Assistant - DEEPP Study

June 2019 - July 2021

Carolina Population Center, University of North Carolina at Chapel Hill | Chapel Hill, NC

- Developed and refined the survey instrument on a multimillion-dollar National Science Foundation Grant.
- Conducted more than 100 long form interviews to collect data on hurricane impacts in Eastern North Carolina.
- Managed three other student interviewers' progress, data security, and collection strategy.
- Debugged CAPI survey software across several hundred survey questions.
- Trained 12+ field personnel on survey collection methods and best practices.

EDUCATION

University of North Carolina at Chapel Hill | B.S. in Public Health: Health Policy and Management, Geography May 2021

- GPA: 3.77/4.0
- Morehead-Cain Scholar | Honors Carolina Scholar
- Dean's List: Fall '17, '18, '19, '20 & Spring '19, '20, '21

University of North Carolina at Chapel Hill | Certificate in Community Preparedness and Disaster Management May 2021

SKILLS

Software: Access, ArcGIS, CAPI, Excel, Python, R, Stata, Tableau, QGIS

Languages: English, Conversational Spanish

Other: Data Visualization, Spatial Analytics, Program Evaluation, Project Management, Incident Command System, Quantitative Analysis, Survey Development and Deployment

LEADERSHIP

National Outdoor Leadership School (NOLS)

June - July 2017

Southeast Alaska Sea Kayaking, Participant

Boy Scout of America

May 2016

Eagle Scout

Profile

Which Boards would you like to apply for?

Wake County Water Partnership: Submitted

Please select your first Board preference: *

Population Health Task Force

Please select your second Board preference: *

United Arts Grants Panels

Please select your third Board preference: *

Planning Board

Please select your fourth Board preference: *

Triangle J Emergency Medical Services Advisory Council

Please select your fifth Board preference: *

Council on Fitness and Health

Please select your sixth Board preference: *

Library Commission

Vivian

First Name

Osinowo

Last Name

Middle Initial

6527 Horseback Lane

Street Address

Suite or Apt

Raleigh

City

NC

State

27610

Postal Code

What district do you live in?

None Selected

Home: (919) 356-0821

Primary Phone

Home: (919) 356-0821

Alternate Phone

vivianosinowo1@gmail.com

Email Address

UNC Health

Employer

Nurse

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 passionate about serving on the boards and commissions, I began my journey in serving others as a volunteer in a level 1 trauma hospital. I continued as servant/leader by completing my Masters degree in Health Administration from Pfeiffer University NC, with honors, and also a degree in Nursing. In all my years of serving my community as a healthcare worker and a volunteer, I have seen a need to work alongside people for better outcomes. I would like to join hands with other like-minded members to improve the health and wellbeing of people. The overall health of our community will be impacted by our efforts.

Work Experience

Critical care nurse Research Assistant Investigator Strategy and Site Coordination
Administrator Clinical Services Technician Nursing Assistant

Volunteer Experience

Emergency room and Cardiovascular Intermediate Care Unit volunteer, Administrative Assistant volunteer

Education

Master's in Health Administration Pfeiffer University Bachelor of Science in Nursing

Comments

[Vivian_O_Resume.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 *

African American

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](#).

Vivian Osinowo

9193560821

Raleigh, NC

vivianosinowo1@gmail.com

Education

Duke School of Nursing, Durham NC, Bachelor of Science in Nursing 2023

Pfeiffer University (Honors Society), Misenheimer NC, Master's in Health Administration 2021

Wake Tech Community College, Raleigh NC, Certified Nursing Assistant 2012

Certified Phlebotomist

Areas of Expertise

Code blue role, Rhythm interpretation, Pacemakers, TPN/Lipids, Tube feeding, Central line maintenance Phlebotomy, IV insertion expert, Ventilator management, Patient safety/assessment, CPR, Medication/IV management, EMR/EPIC documentation, Teamwork, Leadership, Communication, Problem solving, Commitment to learning.

Professional Affiliations and Memberships

Graduate and Professional Student Government Secretariat Representative for Duke School of Nursing

ABSN representative academic semester planning task force

Member Active Minds

Member Nurses Christian Fellowship

Volunteer Experience

Emergency Department and Cardiovascular Intermediate Care Unit Wake Med health and Hospitals.

Jubilee Christian Church International Back-to-School Initiative

Sunday School Elementary School Teacher

WORK EXPERIENCE

UNC Health ICU

07/2023 – Present **Registered Nurse**

- Plan and provide professional nursing care for patients in accordance with physician orders and established policies and procedures.
- Monitor patient vital signs and notify attending physicians of changes and assist with emergent situations.
- Develops relationships with families that promote their ability to advocate for the patient and their own needs.
- Documents procedures, patient conditions, and medication administration with 100% accuracy.
- Participates in team project to review and improve ICU process guidelines.

Compassion Health Services, Raleigh NC

05/2021 – 08/2022 **Administrative Assistant/Supervisor**

- Prepared and processed payroll for up to 52 employees.
- Supervised companion staff by contacting clients receiving care every 90 days.
- Decreased agency expenditures by 40% over a 6-month period.
- Organization of documents, data entry and materials in compliance with regulatory agency.
- Communicated current industry trends to the team.
- Assisted with project start-up procedures and ensured an audit ready agency.
- Supervised and managed about staff by contacting 42 clients receiving care every 90 days.
- Ensured that services are available in 7 geographic areas.

Wake Med Health and Hospitals, Raleigh NC

09/2019 – 03/2021 **Nursing Assistant/Clinical Secretary, Pediatrics**

- Provided direct quality care to patients including daily monitoring, recording, and reporting changes to Registered Nurse.

- Answered over forty incoming calls daily, speaking with internal and external customers, while maintaining the Wake-Way behavior.
- Communicated with Charge Nurse, Primary Nurse and other units with admitting and discharging patients.
- Assisted with organizing department meetings and sending out reminders.
- Performed various administrative functions and ordering and maintaining an inventory of supplies.

Bright Morning Star Home Care, Raleigh NC

02/2014 – 08/2019 **Nursing Assistant,**

- Cared for residents with cognitive impairments such as Alzheimer's disease.
- Assisted with activities of daily living and vitals.
- Complete housekeeping tasks, such as changing bed linens, washing dishes, and cleaning living area.

University of North Carolina, Chape Hill

12/2016 - 12/2017 **Contract-Clinical Research Assistant**

- Set-up IV for collection of blood specimen.
- Created recruitment ads that resulted in hitting the enrollment target of 20 participants in a month.
- Phone screened, enrolled, and obtained informed consent form from participants.
- Recorded and reported adverse events and maintain study tracker.
- Reviewed medical records to ensure completeness and accuracy.
- Aided with the preparation of project-related quarterly FDA reports.

Novella Clinical, Morrisville NC

03/2016 - 06/2016 Contract- Investigator Strategy and Site Coordination Administrator

- Implemented changes to the feasibility process that resulted in a 49 percent increase in site activation.
- Worked with both internal and external teams to ensure good communication regarding documentation processing and resolving challenges.
- Assisted with study start-up, maintenance, and close-out by collecting, tracking & reviewing required regulatory documents for accuracy.

Wake Med Health and Hospitals, Raleigh NC

09/2014 – 03/2016 Clinical Services Technician Pathology Department

- Streamlined processes and increased productivity causing a reduction in turnaround time for lab reports.
- 125+ blood draws on all populations in a week, maintaining specimen quality and quantity.
- Ability to collect specimen technically difficult sticks with maximum comfort.
- Comprehensive understanding of compliance and safety knowledge of clinical pathology, medical terminology, and infection control standards.
- Collect specimens on all age populations.
- Organized laboratory workflow and prioritize processing and distribution of specimens.
- Provided friendly and professional customer service.
- Maintained age-specific and other required competencies.

Wake Med Health and Hospitals, Raleigh NC.

07/2012 – 01/2013 Clinical Secretary/Nursing Assistant, Observation Unit

- Performed venipuncture on patients per unit protocol.

- Provided direct quality care and took vital signs of patients under the direction of the Registered Nurse.
- Examined patients for bruises, blood in urine or changes in conditions, and reports changes to Registered Nurse.
- Decreased departmental expenditures by 10% over a 6-month period.
- Performed various clerical/administrative functions, such as ordering and maintaining an inventory of supplies.
- Answered 40 incoming calls on an average per day.

Profile

Which Boards would you like to apply for?

Wake County Water Partnership: Submitted

Please select your first Board preference: *

Wake County Water Partnership

Please select your second Board preference: *

Planning Board

Please select your third Board preference: *

City of Raleigh Board of Adjustment

Please select your fourth Board preference: *

Open Space and Parks Advisory Committee

Please select your fifth Board preference: *

Fire Commission

Please select your sixth Board preference: *

None Selected

James
First Name

Wright
Middle Initial

Wright
Last Name

1316 October Road
Street Address

Suite or Apt

Raleigh
City

NC
State

27614
Postal Code

What district do you live in?

None Selected

Mobile: (919) 417-2257
Primary Phone

Home: (919) 417-2257
Alternate Phone

jim@wrightster.com
Email Address

Bull City Learning
Employer

Director, Development
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:

Unincorporated Wake County

Interests & Experiences

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

I have lived in Wake County for most of my 53 years and feel like I really want to give back to the community at this point in my life. I feel like I have experience and knowledge that could be useful in guiding the county forward. I've watched this county grow from a primarily rural area (Mt Vernon Church Road where I grew up was still gravel till I was in high school) into the booming urban area it is becoming. I was born in the old Rex hospital, and attended Wake County schools (Enloe '88). My three kids all have attended WCPSS as well. I have multiple family members living in the county. I have a lot invested here, and I want to make sure that the inevitable growth is guided well.

Work Experience

My career has primarily been in IT, mostly in software development. I've managed teams of application developers and assisted with the development of million dollar budgets. My employers in this area have been RTI, NetCentrics, Campbell Alliance and I'm currently at Bull City Learning. I've also had my own consulting company and had experience in the real estate industry (and am a licensed real estate broker). I have a broad knowledge of technology from my work that I think could be an asset to any board, as technology is touching all aspects of our lives these days.

Volunteer Experience

I've been treasurer of the Georgetowne Office Condos Board of Directors for the last few years.

Education

UNC Chapel Hill - BA, Biology - 1992

Comments

I am especially interested in serving on a committee such as the Wake County Water Partnership that deals with issues arising from development that could affect the health and well-being of the county's citizens. I've had wells at four different properties that I've owned in Wake County, and I've dealt with the difficulties and uncertainties of making sure my family had a clean, reliable water supply. I will likely have family living in this county for decades to come, so I want to make sure that the decisions made today support a healthy future.

[JimWrightresume.docx](#)

Upload a Resume

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

James Wright

Please upload a file

Demographics

Date of Birth

Gender *

Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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James Wright

James Wright

EXPERIENCE

Bull City Learning

Director, Applications 20192023

- Led the development of the Immunization Academy platform, including all web and Android mobile applications, which has been used by thousands of health workers in over a hundred countries.
- Supported the rollout of the IA Learn Android app in Kenya, Nigeria, DRC, and Ethiopia. Provided in-country training to health care managers in Kenya.
- Led the development of the Feedback Academy platform.
- Developed many internal and client facing tools to optimize BCL business processes.
- Acted as the primary information technology resource for a small organization, providing guidance and administration of all systems used, including Microsoft 365, Box, Adobe and others.

Wright Business Solutions

Owner 20052023

- Provided web and database consulting and programming services to small and medium sized businesses, including nonprofit associations, equipment dealerships, online marketplaces, pharmaceutical management consulting, education.
- Developed a video delivery website to provide training to immunization health workers worldwide.
- Developed a project services management system for a rapidly growing pharmaceutical consulting company.
- Developed and implemented multiple instances of an inventory marketing website with features specific to the used manufacturing machinery dealership segment.
- Managed the maintenance and enhancement of the LocatorOnline used machinery marketplace.

Campbell Alliance, an inVentiv Health Company

Director, IT Applications 20112013

IT Applications Manager 20072011

- Managed the definition and development of innovative business focused and enduser facing webbased products using ColdFusion, Java, SQL Server, ExtJS and jQuery.
- Created and led a nimble, responsive software development and applications support team that grew to ten developers and applications support personnel.
- Managed the customization and integration of multiple enterprise systems, including SalesLogix CRM, Salesforce.com, Microsoft Great Plains, EMC Documentum, and Globalscape EFT.
- Performed intellectual property due diligence on business asset acquisitions of 300K to sixteen million dollars.
- Managed vendor and external developer relationships, including offshore resources.
- Managed budgeting of development projects as well as software and technical support purchases.

James Wright

NetCentrics Corporation

Senior Applications Programmer 20022005

Applications Programmer 19992002

- Defined and led the development of the LocatorOnline used machinery marketplace.
- Lead developer on multiple projects involving webbased data collection and management, including clinical trials, tuberculosis research and student information.
- Lead Developer of an event management system for the Jimmy V Celebrity Golf Class

Research Triangle Institute

Programmer Analyst II 19981999

Programmer Analyst 19971998

Desktop PC Support Technician 19961997

- Managed or assisted development of large web design projects, including RTI external site re-design, Educational Evaluation Tracking System, NIH Hypericum Clinical Trial website, and the Office of Indian Education Annual Report data collection site

South Carolina Automated Ticketing

Client Services Manager 19941995

Medical University of South Carolina

Cytogenetics Laboratory Aide 19931994

Microsoft Corporation

Customer Service Representative 19921993

SPEAKING ENGAGEMENTS

CFinNC Conference, Raleigh NC, October 2009 ColdFusion and Excel

EDUCATION

University of North Carolina, Chapel Hill, NC B.A., Biology 1992