

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: *

☒ 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

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?**

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Please select your first Board preference: *

☒ 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

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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Richard F Livingston

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

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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?

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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		Wright
First Name	Middle Initial	Last Name

1316 October Road		
Street Address	Suite or Apt	
Raleigh	NC	27614
City	State	Postal Code

What district do you live in?

None Selected

Mobile: (919) 417-2257	Home: (919) 417-2257
Primary Phone	Alternate Phone

jim@wrightster.com
Email Address

Bull City Learning	Director, Development
Employer	Job Title

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

☒ Yes ☐ No

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

☒ 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

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

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Please select your first Board preference: *

☒ Wake County Water Partnership**Please select your second Board preference: ***

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

☒ Citizen's Energy Advisory Commission**Please select your fourth Board preference: ***

☒ Yates Mill Park Advisory Board**Please select your fifth Board preference: ***

☒ Commission for Women**Please select your sixth Board preference: ***

☒ None Selected

Tiffany

First Name

J

Middle
Initial

VanDerwerker

Last Name

3216 Manor Ridge Drive

Street Address

Suite or Apt

Raleigh

City

NC

State

27603

Postal Code

What district do you live in?

None Selected

Mobile: (540) 212-3181

Primary Phone

Home: (540) 212-3181

Alternate Phone

tiffanyvanderwerker@gmail.com

Email Address

NC State University

Employer

PhD Student

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 currently a PhD student at NC State where my husband and I recently moved to Wake County. I am interested in the environmental future of Wake County and believe that education of the public and restoration of natural resources is the best way to keep Wake County beautiful.

Work Experience

2016—2021: Hydrogeologist, Maryland Geological Survey, Baltimore, MD. Responsibilities include conducting local and regional hydrogeologic investigations; interpreting water-quality data in relation to geology, land use, well construction, and other factors; preparing interpretive reports, maps, and data layers. 2012—2014: Staff Geologist, Draper Aden Associates, Blacksburg, VA. Responsibilities included overseeing monitoring well drilling and installation, determining groundwater flow rate and direction, soil sampling for hazardous substances, and validating groundwater data.

Volunteer Experience

Environmental Advisory Council for Carroll County, Maryland (April 2018 - April 2021)
Virginia Tech Graduate Student Assembly (August 2014 - May 2016)

Education

North Carolina State University, Raleigh, NC: Earth Sciences, Ph.D., in progress Virginia Tech, Blacksburg, VA: Geosciences/Hydrogeology, M.S. 2016 Virginia Tech, Blacksburg, VA: Geosciences/Geochemistry, B.S. 2012

Comments

I believe that my enthusiasm for environmental stewardship and professional experience make me a great candidate for the Wake County Water Partnership.

[CV_VanDerwerker.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

Tiffany J VanDerwerker

Date of Birth

Gender *

☒ Female

Ethnicity *

☒ Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

☒ County Website

If you selected "Other" above, how?

Please upload a file

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Tiffany J. VanDerwerker, P.G.

Ph.D. Student

Marine, Earth and Atmospheric Sciences

North Carolina State University

3154 Jordan Hall | Raleigh, NC

tjvander@ncsu.edu

Education

North Carolina State University, Raleigh, NC: Earth Sciences, Ph.D., in progress

Virginia Tech, Blacksburg, VA: Geosciences/Hydrogeology, M.S. 2016

Virginia Tech, Blacksburg, VA: Geosciences/Geochemistry, B.S. 2012

Professional Experience

2016—2021: Hydrogeologist, Maryland Geological Survey, Baltimore, MD. Responsibilities include conducting local and regional hydrogeologic investigations; interpreting water-quality data in relation to geology, land use, well construction, and other factors; preparing interpretive reports, maps, and data layers.

2012—2014: Staff Geologist, Draper Aden Associates, Blacksburg, VA. Responsibilities included overseeing monitoring well drilling and installation, determining groundwater flow rate and direction, soil sampling for hazardous substances, and validating groundwater data.

Boards and Committee Memberships

MEAS Graduate Student Assembly (May 2022 – May 2023)

PFAS Workgroup - State of Maryland (October 2020 – May 2021)

Environmental Advisory Council for Carroll County, Maryland (April 2018 – April 2021)

Virginia Tech Graduate Student Assembly (August 2014 - May 2016)

Selected Publications and Reports

Furlong, E.A. and VanDerwerker, T.J., In Prep., Temporal variations in specific conductance in groundwater and streams in a subwatershed of Great Seneca Creek in the Maryland Piedmont, December 2020 to July 2021: Maryland Geological Survey Administrative Report 22-02-01

VanDerwerker, T.J., In Prep., Effects of Road-Deicing Salt on Groundwater in the Maryland Piedmont: Maryland Geological Survey Report of Investigations No. 89

VanDerwerker, T.J., 2019, Water Quality and Temporal Variations in Chloride Concentrations in Groundwater in the Maryland Piedmont: Maryland Geological Survey Administrative Report 19-02-01

VanDerwerker, T.J., Bolton, D.W., and Gemperline, J.M., 2019, Wellwater Quality in the Appalachian Plateau Physiographic Province of Maryland: Maryland Geological Survey Report of Investigations No. 85

Gemperline, J.M., VanDerwerker, T.J., and Andreasen, D.C., 2018, Effects of increased withdrawals from the Aquia aquifer on the Mayo Peninsula, Anne Arundel County, Maryland with an evaluation of water quality: Maryland Geological Survey Report of Investigations No. 84

VanDerwerker, T.J., Zhang, L., Ling, E., Benham, B., and Schreiber, M.E., 2018, Evaluating Geologic Sources of Arsenic in Well Water in Virginia (USA), International Journal of Environmental Research and Public Health, vol. 15, 4, pp. 1-17.

VanDerwerker, T.J., 2016, Evaluating Sources of Arsenic in Groundwater Using a Logistic Regression Model: Blacksburg, Virginia, Virginia Tech, Master's Thesis,
<https://vtechworks.lib.vt.edu/handle/10919/77957>

Warburton, T., Schreiber, M., VanDerwerker, T., Ling, E., Benham, B., and Spiller, A., 2019, Spatial Mapping of Trace Element Concentrations in Well Water in Virginia, Dennis Dean Undergraduate Research and Creative Scholarship Conference, Blacksburg, VA (poster).

Selected Presentations

“Groundwater quality in deep aquifers near Fayetteville, NC: Testing the waters for an alternate drinking water source” Tiffany VanDerwerker, May 12, 2023 conducted as a talk for the North Carolina Department of Environmental Quality

“Groundwater quality in deep aquifers near Fayetteville, NC: Testing the waters for an alternate drinking water source” Tiffany VanDerwerker, March 23, 2023 conducted as a talk for the North Carolina Water Resources Research Institute Annual Conference

“Groundwater quality in deep aquifers near Fayetteville, NC: Testing the waters for an alternate drinking water source” Tiffany VanDerwerker, December 14, 2022 conducted as a talk for the North Carolina Water Resources Research Institute meeting

"Road Salt Impacts on Groundwater and Water Quality" Tiffany VanDerwerker and Andrew Lazur, November 13, 2020 conducted as a virtual presentation for the University of Maryland AGNR Cornerstone Event.

“Road Salt Contamination in Groundwater and Surface Water in the Maryland Piedmont” Tiffany VanDerwerker, February 13, 2020 conducted as a talk for the Maryland Delaware Water Well Conference.

“Road Salt Contamination in Groundwater and Surface Water in the Maryland Piedmont” Tiffany VanDerwerker, December 6, 2019 conducted as a talk for the Maryland Water Monitoring Council Annual Conference.

“Temporal Variations in Chloride Concentrations in Groundwater in the Piedmont Physiographic Province of Maryland” Tiffany VanDerwerker, December 7, 2018: conducted as a poster for the Maryland Water Monitoring Council Annual Conference.

“Effects of Increased Withdrawals from the Aquia Aquifer on the Mayo Peninsula, Anne Arundel County, Maryland with an Evaluation of Water Quality” Tiffany J. VanDerwerker, September 27, 2018: conducted as a talk for the Maryland Groundwater Symposium.

“Groundwater 101” Tiffany J. VanDerwerker, September 25, 2018: conducted as a talk for the Central Atlantic States Association (Food and Drug Officials) Baltimore Conference.

“Evaluating Geologic Sources of Arsenic in Groundwater in Virginia using a Logistic Regression Model”
Tiffany J. VanDerwerker, February 13-14, 2018: conducted as a talk for the Virginia Water Well Association Winter Conference.

“Evaluating Geologic Sources of Arsenic in Groundwater in Virginia using a Logistic Regression Model”
Tiffany J. VanDerwerker and Dr. Madeline Schreiber, October 13, 2017: conducted as a webinar for the Virginia Cooperative Extension.

“Wellwater Quality in the Appalachian Plateau Physiographic Province of MD”, Tiffany J. VanDerwerker,
September 28, 2017: conducted a talk for the Maryland Groundwater Symposium in Baltimore, MD.

Awards and Accolades

January 2022 – Recipient of Graduate Student Research Grant from the Water Resources Research Institute of the University of North Carolina (WRRRI-UNC) and North Carolina Sea Grant: “Assessing Water Quality in the Upper Cape Fear Aquifer, a Potential Alternate Drinking Water Source for Chemours-Area Residents”

April 2021 - Recipient of NC State University Provost’s Doctoral Fellowship for academic year 2021-2022 Provost’s Fellowships are one-year awards and are designed to help in college and departmental efforts to recruit outstanding new doctoral students to NC State University.

November 2018 - Sponsored attendee of the Emerging Leaders Alliance Conference in Falls Church, VA by the National Groundwater Association to foster leadership in the engineering and scientific community.