

Morgan Ralph

Narrows, VA 24124 | (540) 998-2451 | morganr20@vt.edu | [LinkedIn](#)

Energy Conservation and Engagement Coordinator with experience in sustainability, renewable energy, and community engagement. Skilled in program development, data analysis, and partnership-building to advance energy conservation initiatives at Virginia Tech. Currently pursuing an MPA and Local Government Management Certificate, with a strong commitment to environmental stewardship and public service in Southwest Virginia.

EDUCATION

Master of Public Administration Candidate

Virginia Tech | May 2026

Local Government Management Certificate

Virginia Tech | May 2026

Bachelor of Sciences in Forest Resources and Environmental Conservation

Major: Environmental Conservation and Society | Minor: Forestry | Virginia Tech | May 2024

Bachelor of Arts in Public and Urban Affairs

Major: Environmental Policy and Planning | Virginia Tech | May 2024

SKILLS

Microsoft 365 (Office) | Canva | ArcPro GIS | PI Vision | SIMAP | GRITs | Stata | EnergyCAP | PJM GATS
Project Management | Sustainability Education | Data Analysis and Reporting

FIELD EXPERIENCE

Energy Conservation and Engagement Coordinator

October 2024-Present

Virginia Tech Division of Facilities Office of Energy Management | Blacksburg, Virginia

- Manage, analyze, and report large sets of energy and utility data to monitor energy use and oversee \$40 million in operating costs
- Report quarterly and annual consumption and costs to AVP of Energy & Utilities and various stakeholders
- Supervise and guide Student Energy Analyst Intern for approved Green RFP projects saving Wallace Hall \$600 an
- Manage the development of energy education events led by Student Energy Analyst Intern
- Assist in development of energy use and cost projections for Office of Energy Management annual budget
- Assist in LED Lighting projects with communications and data management
- Produce graphics and communications for Office of Energy Management programming
- Design, develop, and implement energy conservation and education programs and events resulting in increased student awareness of energy efforts at Virginia Tech
- Co-Lead and publish annual Virginia Tech Greenhouse Gas Inventory
- Compile and describe data for the Office of Sustainability's Sustainability Annual Report
- Work closely with stakeholders to identify and remedy energy and utility problems to ultimately save energy costs and consumption in major buildings

College of Natural Resources and Environment Ambassador

February 2023-May 2024

Virginia Tech College of Natural Resources and Environment | Blacksburg, Virginia

- Worked closely with the college to recruit and retain students within the college
- Presented to 500+ prospective students and families to encourage applications to Virginia Tech
- Attended and facilitated recruitment and team events for the college
- Answered questions thoughtfully and provided experienced to visitors to the Blacksburg campus

Virginia Tech Peer Mentor

August 2022-December 2023

Virginia Tech College of Natural Resources and Environment | Blacksburg, Virginia

- Worked with 30 students and faculty as an Undergraduate Teaching Assistant to help facilitate meaningful experiences
- Created and presented lessons on topics such as Forestry, Environmental Policy, Public Engagement Strategies, Leadership Skills, and Wildlife Conservation

- Collaborated with peers in both Undergraduate and Graduate Programs
- Led student discussions and answered student questions

LEADERSHIP EXPERIENCE

Climate Action Commitment Student Member

January 2025-Present

Virginia Tech Division of Facilities | Blacksburg, Virginia

- Co-Lead Greenhouse Gas and Carbon Offset Climate Action Subcommittee
- Appointed to serve as Student Representative on Virginia Tech Solar PPA Working Group Committee with 8 stakeholders from Division of Facilities
- Serve on Energy Subcommittee for Virginia Tech CASE with numerous faculty, staff, and students
- Appointed to serve as Student Representative on Climate Action Commitment Assessment Working Group Committee with representatives from the Division of Facilities, School of Public and Urban Affairs, and Faculty at Virginia Tech

Virginia Tech Leadership Institute

August 2022-May 2023

Virginia Tech College of Natural Resources and Environment | Blacksburg, Virginia

- Met with industry and government leaders to gain valuable perspective on leadership in sustainability
- Developed leadership abilities throughout yearlong cohort
- Created and lead a banquet with keynote speaker recognizing women in the CNRE
- Organized and assisted in recruitment events for the Institute

PROJECTS

Virginia Tech Annual Greenhouse Gas Inventory

March 2025-Present

- Compile annual database and inventory of energy consumption and greenhouse gas emissions for Virginia Tech Blacksburg Campus
- Collaborate with Virginia Tech's Director of Green Engineering on calculations and written report
- Work closely with Virginia Tech Division of Facilities Communications Team to edit and review report
- Finished project sent to Virginia Tech Board of Visitors

Shut the Sash at Virginia Tech

November 2024-Present

- Energy conservation and laboratory safety program focused on shutting fume hood sashes in labs
- Uses Building Automation Systems to track program participants progress and ability to shut their sash
- Create detailed engagement and communication strategies to increase participation in program

Careers in Energy: Environmental Stewardship

November 2024-March 2025

- Developed energy engineering and facilities management education and panel session for students
- Recruited experts in engineering and facilities management at higher education to speak
- Managed communications, engaged with stakeholders, directed event, and facilities a panel session

AWARDS AND HONORS

Virginia Government Finance Officers Association Pettigrew Scholarship (2025)

CNRE Forest Resources and Environment Conservation Department Senior Ambassador (2024)

Community Foundation of the New River Valley Scholarships (2020, 2022, 2023)

OTHER WORK EXPERIENCE

Assistant Manager and Shift Lead

June 2022-November 2024

622 North | Blacksburg, Virginia

- Serve in a fine dining, fast, high-pressure environment while working closely with a team
- Train 15+ staff and assist them throughout the shift
- Provide a detailed and high level of customer service to guests
- Reconcile nightly sales and distribute server pay at the end of the shift while closing the restaurant