



ERICA BANNERMAN, REP, CSRP

Deputy Associate Director

Prince George's County, MD Department of the Environment

RELEVANT EXPERIENCE

Passionate 25 year seasoned leader and Subject Matter Expert (SME) in policy development, regulatory enforcement, and program management for energy, climate, and sustainability initiatives within the public and private sectors. She is currently spearheading clean energy and climate change initiatives for Prince George's County, Department of the Environment.

ROLE EXPERIENCE

Prince George's County, MD Department of the Environment, 2013 - Present

Deputy Associate Director.

Represented the County of over \$11 billion of utility mergers and managed the allocation of benefits to residential and commercial customers. Managed county-wide efforts to reduce energy cost, consumption, and carbon emissions.

AWARDS

Greater Washington Clean Cities Coalition Leadership Award, 2019

DC Metro Region Climate and Energy Leadership Award, 2018

Prince George's County 40 Under 40 Awards for Outstanding Leadership in Science and Engineering, 2015

EMPLOYMENT HISTORY

Prince George's County, MD. Deputy Associate Director. 2013 - Present

US Department of Homeland Security. Program Manager Environmental Compliance and Sustainability. 2012 - 2013

City of Alexandria, VA. Senior Environmental Specialist. 2006 - 2012

Booz Allen Hamilton. Environmental Analyst. 2003 - 2006

Virginia Department of Environmental Quality. Senior Enforcement and Compliance Specialist. 2001 - 2003

Qualifications Highlights

- 25 years of experience in program management for energy, climate, and sustainability.

Education

- MS Natural Resources (Urban Sustainability, Virginia Polytechnic and State University, 2010
- BS Environmental/Earth Science, North Carolina Agricultural and Technical State University, 1999

Certifications and Trainings

- Certified Sustainability and Resilience Professional (CSRP), 2023
- Registered Environmental Professional (REP), 2020



Qualifications Highlights

- 22 years of government sector leadership and change management
- Subject matter expert in Climate, Energy, Sustainability and Equity

Education

- MESM, Biogeochemistry and Policy, UCSB Bren School of Environmental Science and Management, 1998

As a person with an ADA-recognized disability and a recognized subject matter expert in the field of climate and energy, Shannon ensures that climate justice solutions work for everyone

Shannon Moore, Master's in Environmental Science and Management

**Director, Division of Energy and Environment
Frederick County, Maryland**

RELEVANT EXPERIENCE

Executive leader who builds units of government to perform climate and energy functions, with a focus on multi-partner collaboration; equity; and environmental justice.

PROJECT EXPERIENCE

Create and Manage Division of Energy and Environment with Department of Climate & Energy and programs

Division of Energy and Environment, Frederick County, Maryland, 02/2022– Present

While employed by Frederick County Government, develop and implement business unit strategy for Climate Emergency Resolution 20–22 to reduce greenhouse gas emissions 50% by 2030 and 100% by 2050 while creating climate resiliency. Create DEE and serve as its first Director. Create and manage Department of Climate and Energy to include internal operations and community-wide Climate and Energy Action Plans, Clean Fleet and Electric Vehicle Program, Building Energy Performance, and Clean Energy Procurement.

Alternative Fuel Vehicle Fleet Conversion Plan and Electric Vehicle Readiness Plan, Frederick County, Maryland, 03/2023– Present

While employed by Frederick County Government, work with County Divisions and external Stakeholder Advisory group in collaboration with consultant ICF to right-size our fleet, plan for electrification of specific vehicles considering cost of ownership; existing vehicle technology; and vehicle usage. Evaluate biodiesel opportunities. Promulgate EVSE legislation for new residential construction in partnership with Zoning and Permits offices. Develop EV infrastructure on County-owned sites. Collaborate with County Divisions to convert fleet vehicles, fire trucks, street sweepers, asphalt rollers and public buses to electric. Develop multi-year Capital Improvement Program and leverage funding



with grants and partnerships. Provide outreach to multifamily residences to identify and correct barriers to EVSE implementation..

Power Saver Retrofits, Frederick County, Maryland, 03/2013– Present

While employed by Frederick County Government, develop program to help low-to-moderate income households with household energy efficiency and safety retrofits. Retrofit over 811 homes with HVAC systems, insulation and air sealing, lighting, and other energy efficiency projects. Save households an average of \$800 per year on utility burden. Recognized with an MWCOG Climate and Energy Leadership Award for Equity in 2022 for work with community leaders and non-profit partners to increase participation and diversify audience engagement in overburdened and underserved communities with limited English proficiency.

Prospect Center Microgrid, Frederick County, Maryland, 585 Himes Avenue, 06/2022– Present

While employed by Frederick County Government, develop \$6.6M microgrid project feasibility with solar PV and battery backup for 200,000 sf public-facing building that houses 911 Emergency Operations Center, IT functions, critical data center infrastructure, and community Resilience Hub. Install building automation systems and benchmark building energy performance.

PROFESSIONAL AFFILIATIONS

Maryland Municipal Stormwater Association, Vice President, 5 Years 2018–Present

Chesapeake Bay Program Local Leadership Workgroup, 5 years, Past Chair 2022

Western Maryland Resource Conservation and Development Council, Board Member, 3 years.

Maryland Clean Energy Center Advisory Board, 5 years

AWARDS

Climate and Energy Leadership Award for Equity, Metropolitan Washington Council of Governments, 2022

Sustainability Leadership Award, Maryland Green Registry, 2021

Special Recognition Award, Maryland Association of Counties 2013

EMPLOYMENT HISTORY

Frederick County Government. Director, Division of Energy and Environment. 07/2022–Present. Appointed 3/2023.

Frederick County Government, Director, Office of Sustainability and Environmental Resources, 07/2021– 07/2022



Manager, Office of the County Executive, Sustainability and Environmental Resources,
07/2017- 07/2021

Manager, Office of Sustainability and Environmental Resources, 06/2011- 07/2017

Project Manager IV, Division of Public Works, 01/2002 – 06/2011



Qualifications Highlights

- 17 years of experience in environmental sustainability and leadership
- Expertise in grant procurement and management

Education

- MS Ecology
University of Maryland
Center for Environmental
Science
2006

Kristin Mielcarek, Master's in Ecology

Grants Manager, Division of Energy and Environment Frederick County, Maryland

RELEVANT EXPERIENCE

Ecologist with over seventeen years of experience in project management, non-profit leadership, climate science, environmental restoration and resiliency with a focus on implementation of best management practices for environmental sustainability and grant procurement and administration.

EXPERIENCE

Developing funding strategies for priority Climate & Energy programs for the Division of Energy & Environment

Division of Energy and Environment, Frederick County, Maryland, 06/2022– Present

Researching and securing funding through federal, state and local programs which align with the Division's goals of climate resiliency, environmental justice, natural resources management and sustainability

Alternative Fuel Vehicle Fleet Conversion Plan and Electric Vehicle Readiness Plan, Frederick County, Maryland, 06/2023– Present

While employed by Frederick County Government, work with County Divisions and external Stakeholder Advisory group to research leveraged funding with grants and partnerships. Develop and submit grant applications through Department of Transportation, Environmental Protection Agency and Maryland Energy Administration to support electrification and charging infrastructure for County Fleet vehicles

Power Saver Retrofits, Frederick County, Maryland, 06/2022– Present

While employed by Frederick County Government, provide grant oversight and support for the Power Saver Retrofits program which helps low-to-moderate income households with household energy efficiency and safety retrofits. Submit annual grant applications to the Maryland Energy



Administration to support the program which saves households an average of \$800 per year on utility burden.

Prospect Center Microgrid, Frederick County, Maryland, 585 Himes Avenue, 06/2022–Present

While employed by Frederick County Government, help to develop a funding strategy for the design and construction of a \$6.6M microgrid project with solar PV and battery backup for 200,000 sf public-facing building that houses 911 Emergency Operations Center, IT functions, critical data center infrastructure, and community Resilience Hub. Develop grant proposals for Congressionally Directed Funding and Maryland Energy Administration's Resilient Maryland Program.

SELECT PUBLICATIONS AND PRESENTATIONS

Publications

Tuscarora Creek Watershed Based Plan, in the Potomac River Watershed, Berkeley County, WV, (2013)

https://dep.wv.gov/WWE/Programs/nonpointsource/WBP/Documents/WP/Tuscarora_WBP.pdf

Improving Wastewater Treatment in Eastern West Virginia: Setting Priorities in Difficult Times. (2012) Canaan Valley Institute, J Newland and K Mielcarek

Antietam Creek Watershed Restoration Plan (2012)

<https://mde.maryland.gov/programs/water/319nonpointsource/pages/antietamcreekwrp.aspx>

Watershed Based Plan for Mill Creek, A Tributary of Opequon Creek, in the Potomac Direct Drains Watershed, 2008.

<https://dep.wv.gov/WWE/Programs/nonpointsource/WBP/Documents/WP/MillCreekOpequonWBP.pdf>

Stevenson, J.C., K. Mielcarek, J.Cornwell, L.W. Staver, M. Owens, & K.W. Staver. (2006) Marsh establishment in nutrient-rich material dredged from Upper Chesapeake Bay: I. Sediment



implications for emergent vegetation in a created wetland at Poplar Island. To be submitted to Estuaries and Coasts.

Stevenson, J.C., K. Mielcarek, L.W. Staver, J.C. Cornwell, & M. Owens. (2006) Marsh Establishment in Nutrient-Rich Material Dredged from Upper Chesapeake Bay: II. Seed

PROFESSIONAL AFFILIATIONS

Advisor – Shenandoah University Transformative Leadership Certification Program

Chesapeake Bay Landscape Professional Level 2 – Stormwater Design and Implementation, CBLP Program

Applied Fluvial Geomorphology (Rosgen) Level 1 – Wildland Hydrology

Grant Writing – Community Systems

EMPLOYMENT HISTORY

Frederick County Division of Energy and Environment. Grants Manager. 2022–present
Canaan Valley Institute. Executive Director. 2007–2022



Logan McSherry

Transportation Project Manager

RELEVANT EXPERIENCE

Project Manager with interests and experience in electric vehicle readiness, environmental planning, project coordination, and sustainability.

PROJECT EXPERIENCE

Sustainable Transportation

Fleet Electrification, Frederick County Government, 7/2022–Present

Project Manager. Responsible for the development and implementation of the *Alternative Fuel Vehicle Fleet Transition Plan*, an internal plan that identifies opportunities for the County fleet to adopt electric vehicles and alternative fuels. This plan was published in November of 2023 and focuses on cost-effective options for reducing County fleet emissions. The plan provides a strategy on a phased approach to electrifying specific fleet vehicles based on their age and use between 2024 and 2036.

Electric Vehicle Readiness, Frederick County Government, 7/2022–Present

Project Manager. Responsible for the development and implementation of the *Community-wide Electric Vehicle Readiness Plan*, an external plan to support community-wide electric vehicle adoption and electric vehicle charging station installation. This plan was published in December 2023. The plan highlights the existing electric vehicle landscape in Frederick County, identifies barriers to electric vehicle adoption, forecasts future electric vehicle adoption and charging demand, and examines the need for expanding electric vehicle charging infrastructure. It also includes a comprehensive review of supportive public policies to best position Frederick County to support current and future electric drivers.

SELECT PUBLICATIONS AND PRESENTATIONS

Publications

“Outer Banks Tourists’ Preferences, Sensitivities, and Environmental Perceptions: A Case Study of Cape Hatteras National Seashore.” July, 2018.

<https://thescholarship.ecu.edu/handle/10342/6937>



Presentations

"Outer Banks Tourists' Preferences, Sensitivities, and Environmental Perceptions: A Case Study of Cape Hatteras National Seashore." Presented at the American Association Geographers Annual Meeting, New Orleans, LA. April, 2018.

"Outer Banks Tourists' Preferences, Sensitivities, and Environmental Perceptions: A Case Study of Cape Hatteras National Seashore." Presented at the Southeastern Division of the American Association of Geographers Annual Meeting, Starkville, MS. November, 2017.

"Trouble in Paradise? Outer Banks Tourists' Perceptions of Environmental Changes." Presented at the 4th Annual East Carolina University Three Minute Thesis Competition, Greenville, NC. October, 2017.

PROFESSIONAL AFFILIATIONS

- Urban Sustainability Directors Network, 2 years
- Greater Washington Region Clean Cities Coalition, 2 years

EMPLOYMENT HISTORY

- Frederick County Division of Energy & Environment. Project Manager. July 2022–Present
- Maryland Department of Natural Resources. Natural Resource Planner. May 2019–July 2022
- National Park Service. Landscape Preservation Intern. June 2018–November 2018



Lindsey Humphrey, B.A

Program Administrator

RELEVANT EXPERIENCE

Since starting with the Frederick County Division of Energy and Environment Division in August 2022 I have been able to work with a variety of programs touching on energy efficiency, climate & energy action planning, and clean energy.

ROLE EXPERIENCE

Energy Efficiency, Climate & Energy Action Planning, Clean Energy Programs

Power Saver Retrofits, Frederick MD, 08/2022–Present
Program Administrator. As the Program Administrator for the Power Saver Retrofits (PSR) program, I am responsible for marketing the program and processing customer applications, tracking implementation of home energy retrofits and managing contractors; preparing and submit monthly reports, documentation, reports, and invoices to the grant funder Maryland Energy Administration (MEA). I also have worked on community outreach to vulnerable populations for recruitment of applicants to PSR and other programs. The PSR program provides a free assessment of a home's energy use and what improvements might be made to conserve energy- and lower energy bills. After the assessment work can be performed to stop drafts, reduce electricity or heating fuel use, and other environmental improvements- all at no cost to the home's occupants/owners. Through the PSR program we have an executed agreement with local non-profit Centro Hispano, this agreement has led to increased program participation within non-English proficient communities in Frederick County. Through this agreement 16 families received translation assistance to complete applications, audit coordination, coordination of work in the home, and targeted translated outreach. Between 2022-2023, the PSR program has been in its tenth and eleventh program cycles utilizing MEA low to moderate income (LMI) grants totaling \$1,031,948. By the end of the eleventh cycle, the PSR program will have served approximately 810 moderate- and low-income households, saving them, on average in 2023, about \$758 per year in utility costs.

Qualifications Highlights

- Energy Efficiency Program Administration Experience

Education

- Bachelor of Arts, Environmental Science & Policy – Minor Biology, Hood College, 2019



Weinberg House, Interfaith Alliance, Frederick MD, 02/2023–01/2024

Program Administrator. As the Program Administrator overseeing the retrofits at the Weinberg House, I was responsible for project coordination with the Department of Housing & Community Development (DHCD), coordination with the Interfaith Alliance (owners of the building), coordination with MEA, and coordination with the assigned PSR contractor to ensure MEA guidelines were met. . The Weinberg project is a low-income senior apartment building where the PSR program and DHCD were able to leverage funding together to retrofit 23 apartments along with the common space. Improvements included PTAC upgrades, water heater upgrades, lighting upgrades, etc. The project totaled at roughly \$300,000 with the PSR program contributing to \$88,073.

Climate & Energy Action Plan for Frederick County, Frederick MD, 10/2023–Present

Project Manager. As the Project Manager for the Community-Wide Climate & Energy Action Plan (CEAP) for Frederick County and City of Frederick I have been coordinating drafting a scope to submit to receive consultant support for Greenhouse gas (GHG) inventories, GHG mitigation strategies, Risk and Vulnerability Assessment, and Climate Resilience Strategies. I have also been coordinating with important stakeholder groups and the City of Frederick during the development of the CEAP. The CEAP community-wide will enable residents to convert sustainability goals into action. It will accelerate our existing climate response efforts and amplifies our impact, while also helping the County to meet GHG reduction goals.

Capitol Area Solar Switch, Frederick MD, 04/2023 – Present

Program Administrator. As the Program Administrator tasked with the Capitol Area Solar Switch program, I coordinate outreach for Frederick County in partnership with the City of Frederick ensuring residents are aware that Capitol Area Solar Switch Program is open for registration, making sure residents are aware of important deadlines within the program, and coordinating with the City of Frederick Sustainability Office, Solar United Neighbors and iChooser to ensure a smooth program cycle. Capitol Area Solar Switch organizes group purchasing of residential solar panels to help homeowners receive a significantly discounted price for a solar panel installation. Solar Switch organizes a reverse-auction where vetted solar installers compete against each other to offer their best price. The winning offer will be made available for the homeowners that registered for the program. During the 2023 program cycle 52 Frederick County residents signed up for Capital Area Solar Switch.

BEST Program: Business Energy Savings Tune-Ups, Frederick County Businesses, Frederick MD, 08/2022–01/2023

Program Administrator. As the Program Administrator for the Business Energy Savings Tune-ups (BEST) program I worked closely with our selected contractor to ensure projects followed contract agreements, reviewed projects to process invoices, tracked data monthly to follow kWh savings, funding amount remaining, etc. The BEST program through Frederick County offered supplemental grants in total of \$360,000 to help businesses save money through energy efficient upgrades and improvements. In partnership with Potomac Edison Small Business Direct Install and Building Tune-Up Programs, 100 businesses took



advantage of the program which led to a collective savings of 2.6 million kWh during the program term.

PROFESSIONAL AFFILIATIONS

NAACP, 2023- Present

EMPLOYMENT HISTORY

Frederick County Government. Program Administrator. 2022-Present

USDA. Program Technician. 2019-2022



SARAH KOHEL-SMUCKER

Climate Change Officer
Montgomery County, MD

RELEVANT EXPERIENCE

Proven track record driving cutting-edge climate change and sustainability initiatives. Extensive technical, legal, and policy expertise in local government climate change, sustainable development, clean energy, and environmental law. In-depth experience in developing and implementing governmental sustainability plans.

EMPLOYMENT HISTORY

**Montgomery County Executive Office, Rockville, MD,
September 2023–Present**

Climate Change Officer

- Leads the County's community-wide climate goals through coordination and collaboration with County departments on climate change planning, implementation, and management of organizational initiatives and programs.
- Increase engagement on county-wide climate goals through coordination and collaboration with County departments and external partners on climate change planning, implementation, and management of organizational initiatives and programs.

**Office of the People's Counsel for the District,
Washington, DC, Summer 2020–Summer 2023**

Environmental and Climate Attorney

- Spearhead new climate change section of the Office of the People's Counsel for the District of Columbia (OPC) to advocate on behalf of District electric, gas, and water ratepayers for equitable climate change solutions at local, regional, and federal levels, including:
 - Expand OPC advocacy at District Public Service Commission to affordably increase deployment of local solar, clean energy storage and microgrids, implement climate cost benefit analysis and improve deep decarbonization planning to improve equity outcomes; testify before District Council; present at public forums.
 - Devise and implement consumer climate education programs including Youth Climate Summit with over 500 registered participants and hybrid environmental justice community conversation; educate staff and Directorate on climate policy through regular trainings, workshops and climate policy updates.

Education

- Boston College Law School, Boston, MA, Juris Doctor, 2008
- Grinnell College, Grinnell, IA, 2001
- Continuing Education: New York City, Environmental Law Leadership Institute, 2010

Certifications and Trainings

Bar Admission:

- District of Columbia
- New York State
- United States Court of Appeals for the Second Circuit
- United States District Courts for the Southern and Eastern Districts of New York.

"Proven success in the leadership and administration of climate change policy analysis and development and execution of climate strategies and initiatives for local governments."



State Energy & Environmental Impact Center at NYU School of Law, Washington, DC, Spring 2018–Summer 2020

- *Special Assistant Attorney General.* Conducted complex litigation, administrative advocacy, and investigations for the Office of the Attorney General for the District of Columbia (DC OAG) on climate change, clean energy, and environmental protection, including:
- Expanded DC OAG participation in multistate Attorneys General successful litigation and administrative opposition to federal environmental rollbacks; testified at public hearing opposing bar on EPA reliance on key scientific studies.
- Created DC OAG Federal Energy Regulatory Commission (FERC) advocacy platform to advance District clean energy and green jobs policies.
- Strengthened coordination environmental and community stakeholders.

New York City Law Department Environmental Division, New York, NY, Fall 2013–Spring 2018

- *Senior Counsel.* Represented City of New York (NYC) in all aspects of complex federal and state environmental litigation and administrative proceedings; advised on policies and climate resiliency projects, including:
- Primary counsel to Hurricane Sandy rebuilding and climate resiliency task force, which created NYC's \$20 billion resiliency plan; developed cutting-edge guidance for NYC environmental review of climate change impacts; resolved agency environmental review compliance questions.
- Lead counsel to \$338 million East Side Coastal Resiliency project to protect against storm surge.
- Guided 14-agency task force to reduce stormwater pollution from NYC operations and facilities.
- Successfully appealed draft federal flood insurance maps for NYC.
- Co-taught Harvard Law School's Green New York Clinic on NYC's sustainability agenda; supervised externs, junior attorneys in administrative proceedings, and summer interns.

Pratt Institute, Brooklyn, NY, Fall 2014–Summer 2016

Visiting Associate Professor Taught graduate school course on environmental review including legal requirements, technical analysis, climate change impact analysis requirements, and potential for reform.

Sierra Club Atlantic Chapter, Client, Albany, NY, Winter 2004–Summer 2005

Legislative Associate. Drove passage of smart growth reform of State Empire Zone tax incentive program, increased State environmental budget, and raised profile of wetland preservation bill through lobbying, advocacy and statewide media outreach.

Other Work Experience

Natural Resources Defense Council, Litigation Intern, New York, NY, Summer 2007

Office of the New York State Attorney General, Labor Bureau Intern, Summer 2006

Law Office of Marc S. Gerstman, Paralegal, Albany, New York, Fall 2003

New York Public Interest Research Group, Project Coordinator, Brooklyn, New York, Fall 2001–Summer 2003

PUBLICATIONS

Note, Zoning Out: State Enterprise Zones' Impact on Sprawl, Job Creation, and Environment, 35 B.C. ENVTL. AFF. L. REV. 111 (2008)

<https://lira.bc.edu/work/sc/fadea672-3917-48ef-882d-b06d49f73432/reader/516a870c-29bf-4370-97ba-8097d41c9d8d>



Qualifications Highlights

- Thought leadership and program creation of DEP's private vehicle and residential electrification programs
- Developed the Buildings section in Montgomery County's Climate Action Plan

Education

- MS, Energy Policy and Climate, Johns Hopkins University, 2013
- BA, Environmental Analysis and Policy, Boston University, 2007

Certifications and Trainings

- NACo High Performance Leadership Academy, 2021
- Association of Energy Engineers Energy Efficiency Practitioner (EEP), 2017
- LEED Accredited Professional, Buildings Operations + Maintenance Specialty (LEED AP O+M), 2016

Manages energy efficiency, renewable energy, and zero-emission vehicle programming for residents and businesses in Montgomery County

LINDSEY ROBINETT SHAW, LEED AP O+M, EEP **Section Chief, Buildings & Transportation Programs** **Montgomery County, MD Department of Environmental Protection (DEP)**

RELEVANT EXPERIENCE

Experienced sustainability professional with direct programmatic and managerial experience at the local government level, as well as prior experience as an environmental consultant serving the Federal sector and in the sustainable nonprofit world.

ROLE EXPERIENCE

Climate Technical Committee Member; Residential and Vehicle Decarbonization Programs

Montgomery County DEP, Buildings & Transportation Programs, Wheaton, MD, 01/2019–Present

Section Chief. Ms. Shaw manages commercial and residential energy programming and requirements, implemented by 5 direct reports (*total of 8 FTEs in Section*), including: the Montgomery Energy Connection residential energy program, Capital Area Solar Switch program, Electrify MC incentive program, HEECAP grant for low-and-moderate income climate-related home improvements, Building Energy Benchmarking Law and required reporting, Building Energy Performance Standards (BEPS), annual Energy Summit event, Commercial PACE financing, Zero-Emissions Vehicle outreach program.

Montgomery County DEP, Commercial Energy Programs, Rockville, MD, 06/2015–01/2019

Program Manager. In her first role with DEP, Ms. Shaw managed Montgomery County's Building Energy Benchmarking and Transparency program, including stakeholder engagement, compliance, and data disclosure, Commercial PACE financing outreach, annual Energy Summit event logistics, and other commercial energy efficiency initiatives. Developed inaugural benchmarking program for nearly 1,000 buildings originally covered by the Benchmarking Law.

Eastern Research Group, Inc., Arlington, VA, 09/2008–05/2015

Energy and Environmental Project Manager and Data Analyst. While employed by ERG, Ms. Shaw supported a variety of programs and projects for Federal clients, primarily within the U.S. EPA, including sustainability facilities compliance and data reporting, Green Power Partnership, WaterSense program, EPA Headquarters' waste diversion and Environmental Management System (EMS), and environmentally related events. Provided technical guidance and implementation expertise on various federal environmental laws.



Carbonfund.org Foundation, Silver Spring, MD, 08/2007–09/2008

Climate Change Specialist. Ms. Shaw managed over 500 corporate carbon offset donors through the CarbonFree™ business partnership program. Developed and maintained database of partners, contacts, communications, and donation records via CRM system.

PROFESSIONAL AFFILIATIONS

U.S. Green Building Council – National Capital Region (USGBC-NCR), 7 years

AWARDS

USGBC-NCR Volunteer Leadership Award – Member of the Year, 2019

Leaders in Energy Four Gen Award, 2018

EMPLOYMENT HISTORY

Montgomery County DEP. Section Chief (Manager III), Buildings and Transportation Programs.
01/2019 – Present

Montgomery County DEP. Program Manager I – Energy (Commercial). 06/2015 – 01/2019

Eastern Research Group, Inc. Energy and Environmental Project Manager and Data Analyst.
09/2008 – 05/2015

Carbonfund.org Foundation. Climate Change Specialist. 08/2007 – 09/2008

SeaWeb. Asia Pacific and Coral Conservation Program Support. 05/2007 – 08/2007

National Council for Science and the Environment. Research/Data Support. 05/2006 – 11/2006

Campaign to Save the Environment. Field Canvassing Manager. 05/2005 – 08/2005



Qualifications Highlights

- Program management on Zero-emission Vehicle initiatives
- Community engagement and collaboration

Education

- MPP – Environmental Policy, University of Maryland, School of Public Policy, 2010
- BA – Political Science, Dickinson College, 2008

*Strategic Planning,
Program Management, and
Stakeholder Engagement
Transforming Markets for
Electric Vehicles*

BRIAN BOOHER, MPP

Senior Planning Specialist – Zero Emission Vehicles

Montgomery County, MD Department of Environmental Protection (DEP)

RELEVANT EXPERIENCE

Mr. Booher develops and implements strategies to advance zero-emission vehicle adoption in Montgomery County, MD. This includes building teams across County departments and with outside organizations to support and educate residents and business owners, expand electric vehicle charging infrastructure, and collaborate on state, local, and regional policy development.

PROJECT EXPERIENCE

Electric Vehicle Program Management

Montgomery County DEP, Maryland (03/2022-Present)

Senior Planning Specialist. Mr. Booher manages Montgomery County's electric vehicle programs. The EV Purchasing Co-op engages and educates residents and businesses about the benefits of EVs and cost saving opportunities. Mr. Booher also plans the expansion of public charging infrastructure and supports multifamily properties and workplaces in installing EV charging.

D+R International, Maryland (12/2018-03/2022)

Senior Program Manager. Mr. Booher supported utilities and electric cooperatives in managing programs to expand adoption of electric vehicles. These programs include managing the procurement and installation of EV charging stations, engaging dealerships to join utility dealership networks, deploying and promoting consumer-facing educational tools, and developing marketing strategies and materials to promote electric vehicle and EV charger incentive programs. Mr. Booher supported utilities and electric cooperatives in managing programs to expand adoption of electric vehicles. These programs include managing the procurement and installation of EV charging stations, engaging dealerships to join utility dealership networks, deploying and promoting consumer-facing educational tools, and developing marketing strategies and materials to promote electric vehicle and EV charger incentive programs.



SELECT PUBLICATIONS AND PRESENTATIONS

Presentations

Charge Montgomery Community EV Charging Infrastructure Plan Kick-off, April 2023

EV Charging for Condos, Co-op, and Townhomes, September 2022

EMPLOYMENT HISTORY

Montgomery County Department of Environmental Protection 03/2022 – Present (Senior Planning Specialist)

D+R International 06/2010 – 03/2022 (Associate to Senior Program Manager)

City of Greenbelt 06/2009 – 08/2009 (Maryland Municipal League Fellow)

U.S. House of Representatives, Rep. Dennis Kucinich 06/2006 – 08/2006 (Intern)



Qualifications Highlights

- Zero-emission Vehicle Procurement
- Electric Vehicle Microgrid Support
- Fuel Management

Education and Certifications

- National Association of Fleet Administrators (NAFA) Certified Automotive Fleet Manager (CAFM)

*Electrifying and
Decarbonizing Montgomery
County's Fleet Vehicles*

CALVIN JONES, CAFM

**Division Chief, Fleet Management Services
Montgomery County, MD Department of General Services
(DGS)**

RELEVANT EXPERIENCE

Dedicated government employee with more than 30 years of industry experience in both the public and private sectors. Mr. Jones has worked for Montgomery County Fleet Management Services for nearly 18 years in a variety of positions. Prior to his employment with the County, Calvin worked in the construction equipment industry in private sector, as well as, in the United States Marine Corps where he served nine years; two of those years as Maintenance Chief for a Construction Equipment Platoon.

ROLE EXPERIENCE

Fleet Management and Electric Vehicle Procurement

Montgomery County DGS, Maryland (01/2006-Present)
Division Chief, Fleet Management Services. Since May 2021, Mr. Jones has overseen 206 staff and contractors that manage Montgomery County's fleet purchasing and operations. As the County's vehicle asset manager, the Fleet Management Division within the Department of General Services provides all vehicle and transportation services for Montgomery County, MD. Fleet Management ***owns and operates one of the largest government vehicle fleets in the State of Maryland consisting of 3,565 vehicles.*** These vehicles serve the transportation needs of five County business groups that represent 30 individual departments. Provides all essential vehicle services including acquisition and disposal, preventive maintenance, repairs, regulatory compliance, pool vehicles and refueling services.

Fuel Program Manager. In this role, Mr. Jones oversaw the County's fuel management program.



Qualifications Highlights

- Residential Electrification
- Building Science

Education

- MS Sustainable Systems, University of Michigan, 2015
- BA Liberal Arts, Eastern Mennonite University, 2003

Certifications and Trainings

- BPI Building Analyst Professional, 2024
- BPI Multifamily Building Analyst, 2022

Manages residential electrification and decarbonization programs in Montgomery County, Maryland

JEREMY GOOD, MS, BPI BA-P, MFBA

Residential Energy Performance Manager
Montgomery County, MD Department of Environmental Protection (DEP)

RELEVANT EXPERIENCE

Program manager with field experience in electrification, building science and weatherization. Former IT project manager with experience in the private sector, government, and higher education.

ROLE EXPERIENCE

Montgomery County, Wheaton MD, 08/2023–present
Residential Energy Performance Manager. While employed at the Department of Environmental Protection, Mr. Good:

Managed the Electrify MC pilot residential electrification program, providing a help desk and incentives totaling \$875,000. Role includes performance monitoring, community outreach and program improvements.

Codeveloped the HEECAP low- and moderate-income repair, climate resilience and electrification grant program, providing technical input for program design. The grants will provide \$1.5M to non-profits and meshes with state weatherization programs.

Elysian Energy, Laurel, MD, 05/2022–08/2023

Senior Energy Auditor & Project Specialist. Mr. Good developed a residential electrification process and service offering in conjunction with the home performance/energy audit service. Managed electrification projects with internal and external stakeholders.

Energy Efficiency Experts, Silver Spring, MD, 05/2022–08/2023

Project Manager. Mr. Good performed energy audits and managed weatherization projects in low-income and market-rate houses, while managing the vehicle fleet and equipment.

Ecobeco, Rockville, MD, 11/2016–05/2018

VP of Product Development. In conjunction with NIST, Mr. Good evaluated real-time building infiltration for residential ventilation control. Also, developed a smart-home indoor air quality monitor prototype and field-tested it.



SELECT PUBLICATIONS AND PRESENTATIONS

Publications

Ng LC, Zimmerman S, Good J, Toll B, Emmerich SJ, Persily AK. Estimating real-time infiltration for use in residential ventilation control. *Indoor and Built Environment*. 2020;29(4):508-526.
doi:[10.1177/1420326X19870229](https://doi.org/10.1177/1420326X19870229)

EMPLOYMENT HISTORY

Montgomery County Department of Environmental Protection. Residential Energy Performance Manager. 2023–present

Elysian Energy. Senior Energy Auditor & Project Specialist. 2022-2023.

Energy Efficiency Experts. Project Manager. 2020-2022.

Good Consulting. Principal. 2018-2020.

Ecobeco. VP of Product Development. 2016-2018.

University of Michigan Center for Sustainable Systems. Research Associate. 2015-2016.

Teton County Government. Systems Administrator. 2011-2013.

Eastern Mennonite University. Network Systems Manager. 2005-2011.

Eastern Mennonite University. Network Administrator. 2003-2005.

KeyTech Services, Senior Engineer. 2001.

IKON Office Solutions Technology Services. Systems Engineer. 1996-2000.



Qualifications Highlights

Ms. Johnson has attended, organized, supervised over 854 events in the community, creating over 92,000+ interactions about energy with Montgomery County residents.

Education

- MPA, Masters of Public Administration -Environmental Science and Policy, Columbia University, 2012
- BA, English and Sociology, Tufts University, 2001

Certifications and Trainings

- National Coalition Building Institute, 2021
- USF Office of Corporate Training and Professional Education, 2021
- Environmental Leadership Program, 2020
- Community Based Social Marketing, 2019

Focuses on conservation, efficiency, electrification, renewable energy, and energy assistance programs.

LARISSA JOHNSON, MPA

Residential Program Manager

Montgomery County, MD Department of Environmental Protection (DEP)

RELEVANT EXPERIENCE

A leader in climate change, energy, and environment for over 20 years. A high performing and innovative relationship builder with a strong history of forming coalitions and exceeding expectations.

ROLE EXPERIENCE

Montgomery County DEP, Residential Energy Program Manager I June 2016 - Present

Ms. Johnson oversees and maintains the Residential Energy Program including Montgomery Energy Connection, a program of the County co-led with Health and Human Services Department. Manages a team of professionals, called Energy Ambassadors, who conduct outreach events in the County regarding energy programs and policies.

- Since 2016, have attended, organized, and supervised over 854 events in the community, creating over 92,000+ interactions about energy with Montgomery County residents.
- Saved Montgomery County residents an anticipated \$1.6 million savings for exchanging CFLs and incandescent bulbs for LEDs at Light Bulb Exchanges.
- Helped recycle and safely dispose of 9,584 CFLs, keeping mercury out of our environment.
- Assisted residents in saving 19,516,954 kWhs by switching to LED light bulbs.
- Create an advisory group of key community stakeholders, industry leaders, and advisory panels to help with the deployment of outreach and education on energy programs available to residents.
- Responsible for oversight of the Montgomery Energy Connection program budget, monitoring, and reporting
- Serve on the committees that direct the formulation and design of grants and financial assistance programs.
- Co-Lead of the Department's Racial Equity and Social Justice team and helped draft the Racial Equity Vision Statement.

University of Maryland Center for Environmental Science Climate Change and Communications Coordinator | March 2013 - June 2016

- Worked closely with stakeholders from the electric and gas utilities and suppliers, the environmental advocacy community, and



state agencies on climate change outreach and the connection between energy and climate.

- Assisted in the inter-agency coordinator of outreach and communication planning between multiple state agencies, UMCES and other key institutions.
- Created a toolkit for outreach and education promoting the state's energy efficiency program, EmPOWER Maryland.

PROFESSIONAL AFFILIATIONS

Partners Advancing Climate Change Education, 2017

AWARDS

2021 Top 100 Local Government Influencers

The Daily Record, 2021: Top 100 Women Award

U.S. Clean Energy Education and Empowerment | 2019, Government Award Winner

The Daily Record, 2017: The VIP List, Successful by 40

The Daily Record, 2015: 2015 Leading Women

University of California, San Diego: 2010 UCSD Exemplary Staff of the Year Award

EMPLOYMENT HISTORY

Montgomery County Department of Environmental Programs, Residential Energy Program Manager, 2016 – Present

University of Maryland Center for Environmental Science Climate Change and Communications, Coordinator, 2013 – 2016

National Wildlife Federation, Annapolis, MD, Maryland Climate Change Coalition Coordinator, 2012 – 2013

National Association for the Advancement of Colored People, Environmental and Climate Justice Fellow, 2012 – 2012

Center for International Earth Science Information Network, Palisade, NY, Climate Change Human Health Graduate Student Consultant, 2012 – 2012

Columbia University – New York, NY, Deputy Manager, Workshop in Applied Earth System Management, 2011 - 2011

University of California, San Diego, Division of Child Development and Community Health, Physical Activity and Community Youth Organization Coordinator, 2006 – 2011

California After School Resource Center, After School, Physical Activity Training Cadre Member, 2009 – 2010

San Diego County Office of Education, AmeriCorps Promise Fellow, 2005 – 2006



SOMER CROSS, J.D, MCRP, AICP

Chief of Housing

Montgomery County, MD, Department of Housing and Community Affairs (DHCA)

RELEVANT EXPERIENCE

More than 20 years professional experience in land use, zoning, and affordable housing from both the development and local government perspectives.

Qualifications Highlights

- Experience managing innovative housing projects
- Versatile knowledge base, particularly in residential housing

Education

- Masters, City and Regional Planning, Clemson University, 2004
- Juris Doctor, University of Richmond, 2001
- Bachelor of Arts, History, Hollins University, 1998

Certifications and Trainings

- American Institute of Certified Planners
- National Development Council Rental Development Finance

Knowledgeable supervisor who promotes the use energy efficiency programs to improve affordable housing options.

ROLE EXPERIENCE

DHCA, Housing Division, Montgomery County, MD, 12/2023 – Present (Acting Chief of Housing 08/2022-12/2023)

Chief of Housing. Manage Housing Division which includes Affordable Housing, Multifamily (finance of production and preservation projects), and Neighborhood Revitalization Sections. Oversees existing programs and promotes new incentives to address affordable housing needs and to meet changing priorities of the community. Supervises commercial improvement projects to bring reinvestment to neighborhoods.

DHCA, Affordable Housing Programs, Montgomery County, MD, 01/2022 -12/2023 (Acting Manager, 12/2023-Present)

Manager. Supervise staff to administer multiple affordable housing programs such as the Moderately Priced Dwelling Unit (MPDU) program. Oversee Home Accessibility Rehabilitation Program (HARP) which provides livability renovations to elderly and disabled homeowners, and energy efficiency upgrade program for low-income households. Oversee construction draws from Housing Opportunities Commission.

DHCA, Affordable Housing Programs, Montgomery County, MD, 04/2021-12/2021

Program Manager, Development. Collaborated with developers, Maryland National Park and Planning Commission (M-NCPPC), non-profit agencies, and other County departments to develop affordable housing. Reviewed projects to ensure compliance with affordable housing and zoning codes.

Miller, Miller & Canby, Rockville, MD, 02/2009-04/2021

Land Planner / Attorney. Analyzed properties for compliance with zoning and subdivision regulations, comprehensive plans, design guidelines, development approvals, and environmental site constraints. Prepared applications, agreements, and testimony to assist clients with various stages of development process. Researched, analyzed, and drafted studies using GIS data, market research, and census information. Negotiated and drafted agreements for MPDUs, traffic impact, forest conservation, and site plan enforcement. Completed permit applications, impact tax



calculations, energy benchmarking reports, and zoning review. Testified at administrative hearings as land planning expert.

City of Rockville Planning Department, Rockville, MD, 05/2005-02/2009

Planner III. Drafted revised zoning ordinance for community of approximately 60,000. Organized staff and volunteer review committees and facilitated meetings of those committees. Wrote and presented procedural and substantive land use issue papers and briefings to the Mayor and City Council as well as the public. Drafted training manuals and presented training sessions to staff, the public, and government officials.

Seidel, Baker & Tilghman, P.A., Salisbury, MD. 02/2001-08/2002

Associate. Served as assistant town and county attorney. Advised town and county departments on a variety of policy issues as well as statutory and regulatory interpretations. Counseled county and municipal commissioners, Boards of Zoning Appeals, and Planning Commissions at public meetings. Drafted and reviewed legislation on assorted topics including zoning, housing, stormwater management, critical areas, and adequate public facilities. Developed contracts and rules of procedure for different government departments.

SELECT PUBLICATIONS AND PRESENTATIONS

Publications

Cross, Somer (May 2015). "Lessons or In-House Zoning Revisions." *Zoning Practice*.

PROFESSIONAL AFFILIATIONS

American Institute of Certified Planners, 2016-Present

EMPLOYMENT HISTORY

Montgomery County Maryland, Department of Housing and Community Affairs. Chief of Housing.
12/2023 – Present (Acting Chief of Housing 08/2022-12/2023)

Montgomery County Maryland, Department of Housing and Community Affairs. Manager, Affordable Housing Programs. 01/2022 -12/2023 (Acting Manager, 12/2023-Present)

Montgomery County Maryland, Department of Housing and Community Affairs. Program Manager, Development. 04/2021-12/2021

City of Rockville Planning Department. Planner III. 05/2005-02/2009

Seidel, Baker & Tilghman, P.A. Associate. 02/2001-08/2002



Qualifications Highlights

- Thought leadership and program creation of DHCA Pepco/WGL Appliance replacement residential program

Certifications and Trainings

Montgomery College CETEC Rockville, MD

- Weatherization Tactics 2009
- Home Energy Analysis 2009

Baltimore City Community College Baltimore, MD

- BCCC Advanced Weatherization Tactics #3025
- BCCC Basic Fossil Fuel Systems Accreditation
- BCCC HVAC for Home Energy Analysis Accreditation
- BCCC Weatherization Tactics Refresher Course Accreditation

Building Performance Institute

- Building Analyst Professional ID #5042059

Manages energy efficiency, appliance replacement program for single family homes in Montgomery County

CARLOS S. DAZA

Senior Planning Specialist, MPDU and Single-Family Energy Programs

Montgomery County, MD Department of Housing and Community Affairs (DHCA)

RELEVANT EXPERIENCE

Experienced sustainability professional with direct programmatic and managerial experience at the local government level and prior experience as a construction consultant serving the private sector.

ROLE EXPERIENCE

Montgomery County DHCA, MPDU/ Energy Programs, Rockville, MD, 01/2010–Present

Senior Planning Specialist MPDU Program/Energy Program

Designed, developed, and implemented the Pepco Energy Program contract RFP of 2.2 million dollars monitored and coordinated activities of nonprofits and contractors that are performing outreach to potential clients and determined client eligibility work orders to perform various energy saving measures. Monitored staff daily work, contracts, and site work of contractors during and after completion of work for quality control; ensure expectations are met. Supervised, directed, and monitored DHCA staff who work for the Pepco Energy Program by assigning daily work to maintain detailed records, files, databases on share point, generated reports, review and approve invoices for completed jobs, and track customer data for target senior clients and generated a monthly report to General Services of spending of RFP.

Montgomery County DHCA, Single Family Home Rehabilitation Programs, Rockville, MD, 06/2006–01/2010

Program Manager, Single Family Loan Program

Conducted home inspections for low-income single-family housing to determine necessary repairs for rehabilitation clients, and processed clients through the application process and renovation of their homes. Efficiently dealt with multiple assignments. Provided outreach in-person to potential clients using loan explanation package; assist clients in completing the application process; inspect single-family housing; conduct lead hazard paint tests; prepare detailed work write-ups using knowledge of pertinent laws, rules, techniques and practices of standard housing construction and rehabilitation; explain housing standards to assist clients in obtaining and understanding competitive bids for variety of housing construction and rehabilitation options; and prepare cases for loan approval. Executed multiple contracts for construction contractors and/or consultants; work with architects and clients



to design site plans and new house specifications if needed; administrate contracts by overseeing rehabilitation work and on-site construction; prepare change orders if needed; approve quality of services rendered for payments; also explain and interpret housing standards and regulations to resolve disputes/construction problems. Work with state and local agencies as well as civic groups to ensure permits are obtained with DPS and codes are met, adhering to federal, state, and county guidelines and regulations.

CTI Consultants, Inc. Rockville, MD 1999-2006

Project Manager

Responsible for opening the office, all staff, schedules, cost, and quality of multiple inspection projects, as well as customer service. Applied knowledge of residential and commercial construction methods, rules, techniques, practices and materials to follow building codes, laws, and inspection procedures for federal, state (MD, VA, + DC) and counties; reviewed blueprints with site superintendents; developed testing operations at critical construction stages; then managed and monitored construction progress via on-site visits. Extensively communicated in English and Spanish both verbally and in writing, acting professionally, tactfully, and effectively with diverse populations; advised necessary parties (clients, superintendent, owners, in-house personnel, county and state government agencies inspectors) of job status, test results, and inspection reports; and released county certifications and special inspection reports. Supervised the activities of 20 engineering technicians; scheduled daily testing and inspections; outlined all job parameters; provided technical direction; and reviewed staffs daily reports and drawings. Assessed job performances for staff; arranged development courses; taught ASTM updates to jurisdiction changes in MD, VA, and DC; solved problems and resolved disputes; initiated monthly status meeting with all technicians, resulting in better communication between staff and management and more efficient operations; and resolved scheduling problems by adjusting timelines, staff, and equipment, as priorities demanded. Maintained financial overview of all projects; negotiated and executed pricing contracts for services and change orders; generated invoices; and tracked budgets.

PROFESSIONAL AFFILIATIONS

Building Performance Institute

AWARDS

NACO Award Focused Assistance Program Award Cinnamon Woods Community Revitalization 2014
HAND Award Foreclosure Housing Initiative 2010

EMPLOYMENT HISTORY

Montgomery County DHCA. Senior Planning Specialist, MPDU/ Energy Programs. 01/2010 – Present
Montgomery County DHCA. Program Manager I – 06/2006 – 01/2010
Montgomery County DHCA Code Inspector II-12/2004 -06/2006
CTI Consultants Inc. Project Manager-08/1999-06/2006



CHRISTOPHER STACY

Program Manager – Energy Programs and Property Maintenance

RELEVANT EXPERIENCE

Over 3 years of experience running the Department of Energy Weatherization Assistance Program and Maryland Department of Housing and Community Development EmPower program for St. Mary's, Calvert, Charles, Anne Arundel, and Prince George's counties.

PROJECT EXPERIENCE

Energy Efficiency

Weatherization Assistance Program/Maryland EmPower, St. Mary's County, 09/2022–Present

Program Manager. Administer the energy assistance program across five counties. Perform client intake and eligibility verification. Monitor subcontractor agreements to ensure compliance with state and federal regulations. Evaluate completed jobs to ensure work was performed within established program guidelines. 230 jobs have been completed since 2022, in the five covered counties.

Maryland Energy Agency (MEA), St. Mary's County, 01/2023–Present

Program Manager. Perform administration of the MEA Low-Moderate Income Energy Efficiency Grant. Advertise and process applications from potential clients. Contract with subcontractors to perform energy audits. Verify work recommended conforms to grant scope. Process completed invoices and documentation monthly for submission for payment. Submit monthly status reports to MEA for grant monitoring. 14 low-moderate income homeowners were assisted during the 2022 grant cycle.

Housing Authority of St. Mary's County, Maryland, (HSMC) 02/2008–Present

Inspector/Maintenance Supervisor. Performed Housing Quality Standard inspections for the Housing Choice Voucher program to ensure rental units were up to Housing and Urban Development standards. Followed-up to ensure noted deficiencies were corrected in a timely manner. Led a team of 4 maintenance workers to perform all repairs on properties owned by HASMC.

PROFESSIONAL AFFILIATIONS

Chairman - Hollywood United Methodist Church Trustees, 2016-2022

Qualifications Highlights

- Local Weatherization Agency Program Manager for DOE WAP and DHCD EmPower program
- 3 years involvement with Maryland and DOE weatherization programs

Education

- U.S. Air Force Technical School – Ground Radio Maintenance

Certifications and Trainings

- Ground Radio Maintenance Repairman – 1987
- Housing Quality Standards Inspector – 2008

EMPLOYMENT HISTORY

Housing Authority of St. Mary's County. Program Manager – Energy Programs and Property Maintenance. 2008–2024

BAE Systems. Field Engineer III. 1996–2008

U.S. Air Force. Ground Radio Maintenance Repairman. 1986-1996



Craig Simoneau, Acting City Manager

- 17 years in Public Works and municipal management
- Degrees in Civil Engineering



Barack Matite, Deputy City Manager

- 10 years in city management
- Degrees in Public Administration and Global Studies

CITY OF ROCKVILLE, MARYLAND

Grant Partner, Member of the Metropolitan Washington Council of Governments

ROCKVILLE BACKGROUND

Rockville cultivates community by celebrating belonging and inclusion for its employees, residents and visitors who have roots from across the US and all around the world.

Rockville is a 13.5 square mile municipality in Montgomery County, approximately 12 miles northwest of Washington DC, and 35 miles southwest of Baltimore, Maryland. Rockville is the fourth largest city in Maryland, the county seat, and a vibrant home to agency headquarters, prominent bio-med and technology companies. The city has a wide variety of housing options, a low crime rate, extensive transportation network, excellent schools, and a very diverse population.

ROCKVILLE MAYOR AND COUNCIL, 11/2023–PRESENT



The Mayor and six Councilmembers are responsible for establishing City policy and providing direction to the City Manager, aligned with Rockville's Strategic Vision, Open Government, and Diversity and Inclusion priorities.

The Mayor and Council frequently adopt ordinances changing and updating the city code to address new and changing circumstances, concerns, and objectives. The city has 27 standing boards and commissions, such as the Environment Commission and Human Rights Commission, to advise the Mayor and Council on specific subject areas.

The city has many partners and related nonprofits that include Rockville Economic Development, Inc. (REDI); Rockville Housing Enterprises (RHE); Peerless Rockville, Rockville Recreation and Parks Foundation, Inc.; Rockville Seniors, Inc.; and Rockville Sister Cities Corporation, among others. The city also receives and distributes funding to other non-profits focused on addressing need and improving the quality of life for our residents.

ROCKVILLE SERVICES

Rockville provides a full range of services: community centers, housing and assistance programs, community outreach staff and partnership projects with non-profit groups, cultural events, public art,



<http://www.RockvilleMD.gov>

permitting, zoning and planning, volunteer programs, public parks and recreation programs, senior and youth services, a strong suite of environmental and sustainability programs focused on stormwater management, street maintenance, water and sewer utilities, a farmers market, recycling/refuse collection and compost drop-off.

Some services are provided by other entities. Both Montgomery County and the City provide police protection to city residents. Montgomery County provides fire protection, the public education system, libraries, and some social services in Rockville. The City coordinates closely with the County on energy and sustainability initiatives.

All About Rockville

Incorporated in **1860** Population of **69,950**

538.5 Full-time equivalent City employees

157 miles of streets

1,064 acres of park space

6 Community Centers

6.7 million gallons of water treated per day

10,061 tons of refuse disposed annually

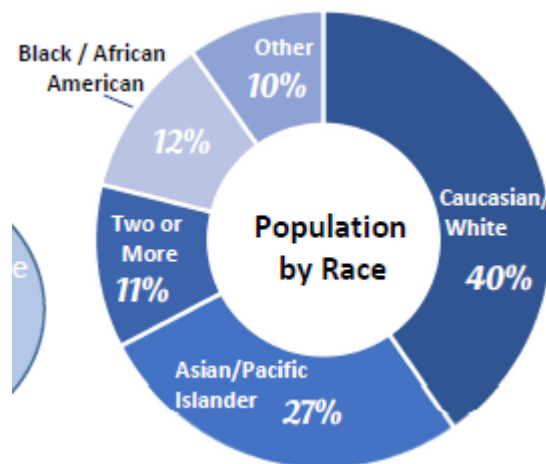




ROCKVILLE DIVERSITY

Rockville is an incredibly diverse City by any measure, with working families, seniors, students, and a variety of household characteristics, and is noted to be among the most diverse in the United States, based on the presence of many countries, cultures and languages here. Overall, 45% of residents speak a language other than English at home. Approximately 11,000 Rockville citizens are Legally Permanent Residents from other countries who share Rockville as their home.

The City's higher median income than the national average masks economic hardships of many residents that are due to higher costs of living, wage disparities, historical inequality, post-pandemic impacts. In 2020, 18% of households earned less than \$50,000 per year. The poverty rate is 6%, yet 43% of households are rent-burdened and spend more than 30% of their income on housing. About 45% of housing units are rental units, so many residents have less control over their appliances and home energy efficiency and will benefit from support to themselves or to property owners.



The City of Rockville recognizes the historical disparities created by an unequal system. The City celebrates its historically Black neighborhoods such as Lincoln Park, and is committed to equity and addressing disparities. The Rockville Mayor and Council adopted a Social Justice Resolution in 2021, which pledges “that issues of racial and ethnic equity must be addressed proactively and deliberately in the course of decision-making to increase the success for all groups.” Rockville hired a Justice, Equity, Diversity and Inclusion coordinator and is actively building a culture of belonging and collecting community baseline data. The

actions funded by this grant application are consistent with our city's housing, climate, and equity goals.

PROJECT TEAM – INTEGRATED INTO CURRENT OPERATIONS

Erica Shingara, Chief of the Environmental Management Division, Public Works Department.

CPRG Local Project Supervisor. Ms. Shingara served more than 5 years as the Chief of the Environmental Management Division including stormwater, sustainability, sediment control, and refuse and recycling divisions, and 10 years previously as the Sustainability Coordinator for the City of Rockville. She has degrees in Science and City and Regional Planning and is AICP and LEED AP BD+C certified.

Amanda Campbell, Sustainability Coordinator, Environmental Management Division, Public Works Department.

CPRG Residential Project Manager. Ms. Campbell served nearly 5 years with City of Rockville developing climate and energy plans, grants and stakeholder engagement, and 8 years previously working on environmental policy at MWCOG. She has a decade of experience as an environmental educator prior. She has degrees in Science and City and Regional Planning and is Public Manager certified.

Audra Lew, Sustainability Manager, Environmental Management Division, Public Works Department.

CPRG Fleet Project Manager. Ms. Lew leads municipal operations energy efficiency, renewable energy development and fleet electrification projects. She has served as a project manager and in



the environmental and IT field for over 20 years including with Maryland National Capital Park and Planning and Montgomery County.. She has degrees in Environmental Science and Policy and Psychology.

Keith Vogel, Fleet Manager, Fleet Services Division, Public Works Department.

CPRG Fleet Project Principal. Mr. Vogel has served as a Fleet Manager for over 20 years and has led the City's recent fleet electrification expansion from two to 14 vehicles. He has a degree in Business Management and Administration.

Hjarman Cordero, Senior Neighborhood Services Coordinator, City Manager's Office

CPRG Residential Project Advisory Team. Mr. Cordero has worked with community engagement strategic planning and initiatives at City of Rockville for 17 years. He has degrees in Diversity, Equity, and Inclusion and Multicultural Studies. He is also bilingual and is a co-lead of the Justice, Equity, Diversity and Inclusion team at Rockville.

Frederika Granger, Acting Housing Services Director, Community Planning and Development Services

CPRG Residential Project Advisor. Ms. Granger has a Master's Degree in Social Work and is a Clinical Social Worker. She has worked in Housing Services with the City for 3 years and manages the Human Services Advisory Commission.

ADDITIONAL KEY SUPPORTING DEPARTMENTS, DIVISIONS, AND OFFICES

Finance: *The Department of Finance helps the various agencies of the city government meet their service objectives by allocating the organization's available human and financial resources, processing financial transactions, and providing information and analysis as a basis for decision making.*

Procurement: *The Procurement Division is responsible for the acquisition of goods and services for the City of Rockville operations. We are dedicated to providing quality customer service, and ensuring integrity and compliance of procurement transactions and operational excellence.*

Public Information Office: *The Communication and Public Information Division guides outreach to Rockville's diverse audiences. The division is a conduit for sending critical information about city government to the community, facilitating awareness of Mayor and Council actions, city programs, projects, events and services using a variety of outreach tools, including the city's website (www.rockvillemd.gov), newsletters, and video production (Rockville 11, channel 11 on county cable), as well as social media, electronic newsletters, video on demand and mobile technology.*

AWARDS

Distinguished Budget Presentation Award, July 1, 2023. Government Finance Officers Association.

Climate Leadership Award, for Flood Resiliency Project, 2023. Metropolitan Washington Council of Governments. The project provides grants to citizens for home and business flood mitigation projects and the development of a Flood Resiliency Plan.

Certified Sustainable Community, 2021. Environmental Finance Center at the University of Maryland. Rockville received the highest point total and was first certified in 2012 for using best practices in resource areas like water, energy, planning, health, food, and local economy.

100 point score on the Human Rights Campaign's Municipal Equality Index for its nondiscrimination laws, law enforcement, employment and workplace inclusivity, leadership and services to the LGBTQ+ community.



<http://www.RockvilleMD.gov>

PROFESSIONAL AFFILIATIONS

American Planning Association

Urban Sustainability Directors Network

Maryland Recreation and Parks Association

U.S. Green Building Council-National Capital Region, Montgomery County Branch

International Council for Local Environmental Initiatives (ICLEI)

International Code Council (ICC)



Qualifications Highlights

- Excellent communication and community outreach skills
- 6 years of international sustainable development experience
- Intermediate language proficiency in Spanish & German

Education

- Double Master of Science in Integrated Urbanism and Sustainable Design, University of Stuttgart and Ain Shams University, 2017
- Bachelor of Science in Environmental Science, University of Tampa, 2013

Certifications and Trainings

- Credit Analysis, IEDC- 2023
- Entrepreneurship-led Economic Development, IEDC- 2022
- Nature-Based Solutions for Resilient Cities, Bluo Verda e.V.- 2021
- Project Monitoring & Evaluation, Weltweit e.V., 2018

Dorothy's expertise in organization, partner mobilization, and outreach helps implement climate projects at the local level.

DOROTHY ESTRADA, MSC.

Sustainability Manager
City of Takoma Park, MD

RELEVANT EXPERIENCE

Dory is an interdisciplinary professional with specific expertise in both urban and environmental sustainable development, including climate change, NBS, and resiliency. She has 10 years' experience as a Project Manager and proposal writer for climate change and economic development projects in local city government.

ROLE EXPERIENCE

Sustainability Planning, Energy Efficiency, and Climate Resilience

City of Takoma Park, Takoma Park, Maryland. 09/2023- Present
Sustainability Manager. In her employment at the City of Takoma Park, Mrs. Estrada oversees all Energy Efficiency, Electrification, and Climate Resiliency Programs. She currently manages the Multifamily Building Improvement Grant, a \$750k grant fund leveraging APRA money and state DHCD funds to support electrification projects in small-scale multifamily buildings. She also manages the LMI Home Energy Efficiency program, which works with partner organizations to implement weatherization and electrification projects in low-to-moderate income homes.

Other responsibilities leading implementation of the City's 2020 Climate Action Plan, conducting all climate and sustainability reporting, including to CDP and Sustainable Maryland, organizing special workshops and outreach events, and promoting sustainability programs via various broadcast channels.

City of Hyattsville, Maryland. 10/2021- 09/2023

Community and Economic Development Program Supervisor. While employed by the City of Hyattsville, Mrs. Estrada co-managed the update and execution of the City's Sustainability Plan 2022-2026, including literature review, over 40 stakeholder interviews, facilitation of 4 community engagement events, and plan drafting.

Steinbeis 2i, Stuttgart, Germany. 02/2019- 04/2021

Project Consultant. In her employment at Steinbeis 2i, Mrs. Estrada oversees conducted research & provided communication support for EC Horizon 2020 Projects (and other trans-national projects) under the areas of Green Buildings, ICT, AI, Environmental Technology, Circular Economy, Digitization, & Climate Change resilience. She co-facilitated workshops for various stakeholders.



Ain Shams University, Cairo, Egypt. 09/2016- 01/2017

Master's Student Researcher. As part of an Integrated Research & Design Project, Mrs. Estrada worked with a cross-disciplinary team to conduct field research in the Abo Dahroug informal settlement of Cairo to conduct a site analysis examine climate and environmental risks, and design a local economic development program with several CBO and NGO partners from the Ministry of Higher Education.

Keep Tampa Bay Beautiful, Tampa, FL. 09/2013- 03/2015

Environmental Projects Coordinator. In her employment at Keep Tampa Bay Beautiful, a 501 (c)(3) non-profit, she composed over \$250,000 worth of successful grants for environmental education programming, and produced written reports, managed educational programming and resiliency projects for the Florida Learning Garden (FLG), a 1-acre sustainable agriculture garden, and facilitated technical cooperation and relationship-building among 40+ community stakeholders.

SELECT PUBLICATIONS AND PRESENTATIONS

Publications

Estrada, Dorothy. (2017). Bolstering socio-ecological resilience in Greater Cairo Region's peri-urban agriculture pockets: Strategies for Local Economic Development and Improved Food Security. *Ain Shams University Press*. https://iusd.asu.edu.eg/wp-content/uploads/2018/04/IUSD-V_Dorothy-Estrada-Reduced.pdf

PROFESSIONAL AFFILIATIONS

Maryland Clean Energy Center, Advisory Council, 2023-present
DC EcoWomen, 2021-present
Network of Interdisciplinary Urbanists, 2020-present
Maryland Economic Development Association, 2021-2023

AWARDS

Prince George's County Volunteer of the Year for Neighborhood Design Center, 2023
DAAD Scholarship (German Academic Exchange Service), 2015-2017

EMPLOYMENT HISTORY

City of Takoma Park. Sustainability Manager. 2023-present
City of Hyattsville. Community and Economic Development Program Supervisor. 2021-2023
Steinbeis 2i. Project Consultant. 2019-2021



BETH A. GROTH

Climate Resilience and Sustainability Officer Charles County Government

RELEVANT EXPERIENCE

Team-oriented project manager dedicated to the success of Charles County Government in becoming more resilient to climate change, as well as improving the sustainability of government operations.

Qualifications Highlights

- 18 years of experience in government and planning.
- Strong leadership, communication, project management, coordination, and organizational skills.

Education

- MS, Urban and Regional Planning, Virginia Tech, 2007
- BS, Environmental Studies, Shenandoah University, 1999

Certifications and Trainings

- Maryland Climate Leadership Academy Training, 2019

PROJECT EXPERIENCE

Climate Resilience

Climate Action Planning Process, Charles County Government, 06/2023–Present

Project Manager. Manage contractor and day-to-day tasks, oversee data collection, coordinate stakeholder meetings and engagement, review and process work products, invoices, etc. Project will develop climate action plans for both mitigation and resilience for county government operations and the broader community.

Coastal Adaptation Report Card for Charles County, Resilience Authority of Charles County, 06/2023–Present

Project Manager. Manage contractor and day-to-day tasks, coordinate stakeholder meetings and engagement, review and process work products, invoices, etc. Project will develop a report card to assess how prepared Charles County communities are for climate change.

ReCharge Program, SMECO, Charles County, 07/2019–Present

Project Manager. Coordinate with SMECO to identify locations for charging station infrastructure, prepare license agreements, and work with site staff as necessary to resolve location issues. Project is a partnership between Charles County Government and SMECO to install EV charging station infrastructure on public property. Thirteen charging stations have been installed on Charles County Government property to date.

OLDCC Military Installation Resilience Review Grant Project, NSF-Indian Head and Town of Indian Head, 03/2021–11/2022

Project Manager. Managed contractor and day-to-day tasks, coordinated stakeholder meetings and engagement, conducted OLDCC grant management, reviewed and processed all work products and deliverables, invoices, etc. University of Maryland conducted a resilience analysis for NSF-Indian Head and the Town of Indian Head and identified resilience strategies and recommendations.



Climate Resilience Action Strategy, Charles County Government, 09/2019–06/2020

Project Manager. Managed contractor and day-to-day tasks, coordinated stakeholder meetings and engagement, reviewed and processed all work products and deliverables, invoices, etc. University of Maryland conducted a vulnerability and risk assessment for Charles County and identified low, medium, and high priority resilience action strategies.

PROFESSIONAL AFFILIATIONS

MD Coast Smart Council – Local Government Representative, 2021-Present

MWCOG Climate, Energy and Environment Policy Committee, 2020-Present

MWCOG Regional Electric Vehicle Infrastructure Deployment Plan Working Group, 2022-Present

American Planning Association, 2024

Association of Climate Change Officers, 2019-Present

EMPLOYMENT HISTORY

Charles County Government. Planner. 2006–2021



NOELANI BROCKETT

Planner I

Charles County Government

RELEVANT EXPERIENCE

Planner I working to improve the sustainability of Charles County government operations, as well as to inspire the community to engage in sustainability and resiliency.

PROJECT EXPERIENCE

Climate Resilience

Energy Efficiency and Conservation Block Grant, Charles County Government, 2023–Present

Acquisition Lead. Apply for federal grant, oversee data collection, plan for grant implementation, facilitate internal knowledge exchange. Acquisition of this grant will help the County take concrete steps towards its climate goals.

Climate Action Planning Process, Charles County Government, 2023–Present

Project Assistant. Coordinate with contractor, research implementation strategies, coordinate stakeholder meetings and engagement, etc. Project will develop climate action plans for both mitigation and resilience for county government operations and the broader community.

Coastal Adaptation Report Card for Charles County, Resilience Authority of Charles County, 2023–Present

Project Assistant. Coordinate stakeholder meetings and engagement, review work products. Project will develop a report card to assess how prepared Charles County communities are for climate change.

Virginia Lands Carbon Potential, Climate Restoration Initiative, Charlottesville, VA, 06/2022–01/2023

Research Assistant. Synthesized biophysical research, created GIS Maps, assessed political feasibility. Authored internal informational reports detailing the carbon sequestration benefits of varying land use practices as they related to their geopolitical context.

Grant management

Morven Sustainability Lab, Charlottesville, VA, 05/2022–08/2022

Institute Coordinator. Managed the Morven Sustainability Lab's grant funding to power a summer institute hosted at the property. Recruited and managed partner organizations to support program activities.

Qualifications Highlights

- Two years of professional experience in climate research, grant management, and outreach
- Seven years of education in environmental sustainability

Education

- BA, Global Studies: Environments & Sustainability, University of Virginia, 2023

Certifications and Trainings

- Sustainable Maryland Leadership Training 2024
- CITI Human Research Certification, 2022



SELECT PUBLICATIONS AND PRESENTATIONS

Presentations

Brockett, N. (2023, April 25). *Non-financial contributions to college food insecurity and implications for policy: the case of the University of Virginia* [Symposium presentation]. UVA 2023 Global Futures Symposium, Charlottesville, VA, United States.

PROFESSIONAL AFFILIATIONS

MACo Climate Resilience Cohort (alternate), 2024-Present
Center for Watershed Protection, 2023-Present
MwCOG Climate, Energy and Environment Policy Committee (alternate), 2023-Present
MwCOG Zero Emission Electric Vehicle Infrastructure Council, 2023-Present
Climate Restoration Initiative, 2022

EMPLOYMENT HISTORY

Charles County Government Office of Climate Resiliency and Sustainability, Planner I, 2023 - Present
University of Virginia Environmental Institute. Research Assistant. 2022-2023
Morven Sustainability Lab. Institute Coordinator. 2022



JENN HATCH, MPA

Chief, Green Building & Climate Branch District Department of Energy & Environment

RELEVANT EXPERIENCE

Leads the District Department of Energy & Environment's Green Building and Climate team responsible for the District's strategy for advancing equitable climate action and achieving carbon neutrality by 2045. Conducts the annual citywide GHG inventory and reporting on the District's climate progress. Provides grant management oversight, including for the CPRG Planning Grant for the District of Columbia to ensure timely reporting and financial management. Will provide strategic guidance on implementation, GHG reporting and equitable engagement for CPRG implementation.

Qualifications Highlight

- 10 Years of Project and Federal Grant Management experience
- Leads the District's Carbon Free DC neutrality strategy, from development to implementation

Education

- MPA, American University, 2016
- BA, Environmental Policy and Government, College of William and Mary, 2005

Certifications and Trainings

- USDN Equitable Climate Action Planning exchange, December 2020
- Government Alliance for Racial Equity (GARE) Governing for Racial Equity May 2021
- Consumption- and Supply-Chain Emissions Cohort June 2021

Subject matter expertise on climate mitigation solutions and strategic advisor on implementing equitable climate action solutions.

ROLE EXPERIENCE

District of Columbia Department of Energy & Environment, Washington, DC, 01/2018 – present

Previous role: Climate Program Analyst 01/2018-05/2022

Leads a 7-person team responsible for advancing climate action and innovative green building policy, including through long-term mitigation and adaptation planning, greenhouse gas reporting, partnership development and strategic grantmaking. Provides management oversight for grants as a recipient of federal awards and grantor, including \$3M Climate Pollution Reduction Planning Grant for the District of Columbia and the Metropolitan Washington MSA and multi-year grant to National Housing Trust on equitable building electrification targeting low-income residents in multi-family residences. Led the development of Carbon Free DC, including facilitating interagency and community engagement and managing a multi-year technical support grant.

National Director, Energy Service Corps, Washington, DC 05/2011 – 07/2013

Managed \$300,000 multi-state AmeriCorps program supporting over 100 members across 20 host campus sites. Oversaw day-to-day management, compliance, and accountability through quarterly federal progress reports. Established systems to track, validate and analyze data collected by campus sites weekly.

EMPLOYMENT HISTORY

District Department of Energy and Environment. Branch Chief, Green Building & Climate. 2022–present

District Department of Energy and Environment. Climate Program Analyst. 2018–2022.



US Department of Transportation Office of the Inspector General. Management and Program Analyst. 2016–2018.
Energy Service Corps. National Director. 2011 – 2013.
Connecticut Public Interest Research Group. Fellow. 2009 – 2011.



Qualifications Highlights

- Five years of experience applying for and managing federal grants and subgrants involving air quality and climate change
- Supports the implementation of the District's Carbon Neutrality Strategy

Education

- MPH, Environmental Health Science and Policy, The George Washington University, 2016
- BS, Environmental Health, Chemistry, University of Wisconsin EC, 2012

Certifications and Trainings

- Certified Public Manager (expected September 2024)

Air Quality, health, and climate expert with a decade of project and program management experience. Experienced leader in Government carbon neutrality projects.

BRITTANY WHITED, MPH

Senior Climate Analyst

District Department of Energy & Environment

RELEVANT EXPERIENCE

Extensive experience in climate change, air quality, and grant management. Most recently applied for and manages EPA's CPRG and delivered the District's PCAP. Manages projects, past projects include leveraging Volkswagen Settlement funds to help the District purchase its first electric MDVs. Strong track record in aligning programs with local and national climate priorities and providing technical assistance on carbon neutrality projects, combining practical expertise with a commitment to protect public health and reduce carbon emissions. Will provide strategic guidance on implementation, GHG reporting and equitable engagement for CPRG implementation.

ROLE EXPERIENCE

DC Department of Energy & Environment, Urban Sustainability Administration, Washington DC, 09/2022–Present

Senior Climate Analyst. Apply for and manage federal grants and RFPs, including the EPA's Climate Pollution Reduction Grant. Drafted and delivered the District's Priority Climate Action Plan to EPA in March 2024. Managed subgrantee leading engagement on the PCAP and forthcoming Comprehensive Climate Action Plan. Ensure that DC's programs are consistent with local and national policies for climate change mitigation. Implement relevant laws including the Climate Commitment Act and Clean Energy Omnibus Act. Provide technical assistance to agencies on policies, programs, and procedures to achieve carbon neutrality including using Carbon Free DC as a guide. Develop policy and conduct research and analysis on environmental issues relevant to climate change including embodied carbon, energy efficiency, transportation mode shifting.

DC Department of Energy & Environment, Air Quality Division, Washington DC, 08/2019–09/2022

Environmental Protection Specialist. Responsible for managing projects using DC's Volkswagen Settlement funds, totaling over \$8M. Awarded \$200,000 competitive federal environmental justice grant after independently researching, writing, and leading 10 external partners in the application. Awarded \$500,000 competitive federal air grant after writing, researching, and building consensus with community on proposal, which centered the experiences of District residents through film and storytelling. Advocated for and facilitated community discussions through focused stakeholder sessions.

Researches projects and builds relationships with sister agencies and regional partners to move forward on vehicle electrification; guided the first purchase of fully electric vehicles at the Department of Public Works; and is supporting the purchase of 12 electric transit buses. Manages sub-grants and MOUs, writes MOUs, RFPs, and RFAs. Develops outreach initiatives including public-facing monthly “Clearing the Air” workshops which aim to increase transparency between air scientists and the public. Successfully advocated the federal government for the inclusion of specific types of school buses in BIL federal grant funding opportunities. Gas buses had previously been omitted from electric vehicle replacement funds. DC applied for and was awarded funding for 25 battery electric school buses (over \$7.6M) as a result. Organizes opportunities for feedback on how the agency can better incorporate equity in air quality work, including pre-draft EJ regulation outreach. Led several community workshops to gather pre-draft feedback, built strong relationships with community members, and guides two interns on regulation drafting.

NYU Law School’s State Energy & Environmental Impact Center, Washington DC, 12/2017 – 08/2019

Program Manager. Writes a 15-page weekly report on legislative, executive, judicial, and scientific matters of interest to states regarding energy and environmental issues. Follows up on inquiries requiring additional research or discovering opportunities for state involvement. Quantitative lead on special report which evaluated the health impacts of rolling back climate-related rulemakings. The report was covered by several major news outlets including The Washington Post and The New York Times. Conducts research on environmental regulations, legislation, technical support documents and other factual and technical information. Using Westlaw and PACER, drafts background and summary documents on environmental cases. Manages an \$8M budget, including all funder reporting requirements as well as a variety of operations including contracts. Plan workshops for attorneys on substantive environmental matters. Largest workshop organized was for 50+ attendees. Regularly drafts and sends press releases and newsletters with extremely quick turn-around time (less than 2 hours) using MailChimp to over 500 partners and journalists.

The World Health Organization, Washington DC, 08/2017-12/2017

Climate and Health Consultant. Creates publications on the impacts of climate change on public health and health systems in the Americas including: the co-benefits of reducing short-lived climate pollutants, climate change & hurricanes, and climate and health in small island developing states. Presents to internal departments on opportunities for collaboration on climate-health projects.

SELECT PUBLICATIONS

Publications

Co-Author: Science in litigation, the third branch of U.S. climate policy. Science. September, 2017.

Co-Author: The Role of Health in Climate Litigation. American Journal of Public Health. April, 2018.

Co-Author: Strategies in and outcomes of climate change litigation in the U.S. Nature Climate Change. August, 2018.

AWARDS

Employee Excellence Award, 2021

ROBERT W. LAZARO, JR.

11850 Freedom Drive, Apt. 916, Reston VA 20190

Cell: 540.238.7715
boblazaro@gmail.com

EXPERIENCE

Northern Virginia Regional Commission, Fairfax, VA

March 2017 to Present

Executive Director

June 2016 to March 2017

Acting Executive Director

Responsible for the day-to-day operations of the Commission managing a professional staff of 16 with a budget in excess of \$9 million. The Commission is a consortium of 13 local governments representing more than 2.5 million people. The region contributes more than 40% of GDP in the Commonwealth of Virginia. Accomplishments to date include:

- Developing a budget remediation plan to responsibly address agency deficit which has resulted in annual budget surpluses.
- Creation of the Commission's first fiscal policy with respect to the creation of a Board designated reserve.
- Invested in personnel and technology to improve the Commission's operations.
- Effectively communicating Commission activities to Commissioners. Improved communication with staff with respect to Commission and management expectations regarding program area management.
- Successfully recruiting key Regional Demographer position for the Commission.

Northern Virginia Regional Commission, Fairfax, VA

September 2014 to March 2017

Director, Regional Energy & Sustainability Policy

Responsible for carrying out the work of the Commission's regional energy strategy. Such work has included:

- Successful implementation of the Solarize Northern Virginia campaign which has increased the kW capacity of solar PV installed in Virginia by 6% as compared to 2013 baseline. Solarize campaign has resulted in revenue for Commission and has reached more than 2,500 households with information on efficiency and renewable energy.
- Successfully worked with Legislative Liaison for the passage of Property Assessed Clean Energy legislation to allow for the advancement of energy efficiency and renewable energy projects through a dedicated, voluntary property tax assessment.
- Successfully initiated the first regional solar PV on-line map. Map provides users a birds-eye view of solar potential of their home/building. Created web site to host map.
- Successfully implemented daily news clip service to Commission members, staff and interested members of the public. Expanded Commission's public information efforts to include social media outlets, Facebook, Twitter and Instagram.
- Established Sustainability Network for the region to include both private and public sector entities to share best practices and information.
- Manage Commission's public outreach efforts on the Four Mile Run Restoration project and provide staff assistance in support of Commission's workforce efforts.

Inova Health System, Falls Church, VA

February 2010 to August 2014

Community Affairs Executive

Community Affairs Executive for Inova Fairfax Hospital a 833 bed regional medical facility in Northern Virginia. Responsible for the development of a community affairs strategy to proactively promote Inova services and programs in a service area of more than 2 million residents.

- Successfully established the Buy Fresh Buy Local program for the Health System promoting healthy foods as part of a wellness initiative. Such efforts included the development, design, printing and distribution of a Guide to Local Food and Wellness programs.
- Established Inova's SNAP (formerly food stamps) Enhancement program.
- Successfully fostered relationships with local governments and private sector firms to promote Inova services.

- Established Speakers' Bureau for outreach into community on behalf of campus.
- Successfully implemented an E-Newsletter initiative for the Inova Fairfax Hospital Community Affairs effort.

Piedmont Environmental Council, Warrenton, VA

April 2005 to February 2010

Director of Communications

First Director of Communications for a regional not-for-profit land conservation/land use advocacy organization. Responsible for daily media relations in nine-county region, development of direct marketing materials and messaging.

- Successfully implemented a communications program including heavy emphasis on direct mail, development of e-marketing lists and media exposure to increase public awareness of organization's mission.
- Communications activities have led to an 80% increase in membership in two year period.

Loudoun County Board of Supervisors, Leesburg, VA

February 2002 to April 2005

Assistant to the Chairman of the Board

Senior advisor to the Chairman of the Loudoun County Board of Supervisors on policy issues and media relations. Loudoun County is one of the fastest growing Counties in the United States. Responsible for development of communication materials including press releases, presentation materials, materials submitted for publishing by daily newspapers, speech writing and enhanced use of Internet site Responsible for daily operations of Chairman's Office.

- Created and implemented an integrated communications strategy for Chairman of the Board, including redevelopment of Board of Supervisors' web page to include posting of all press releases, reports and statements, and creation of an E-Newsletter to keep key stakeholders and residents informed.
- Researched, developed and communicated policy and budget alternatives on behalf of Chairman.

Nassau County Legislature, Mineola, NY

January 2000 to January 2002

Press Secretary/Director of Communications

Senior advisor to the Republican Leader of the Nassau County Legislature on policy issues and media relations. Responsible for all daily communications with electronic and print media (NY Times, Newsday, NY Post, Daily News) for nine members of the County Legislature. Communication efforts include issuance of press releases, development of white papers, presentation materials, and materials submitted for publishing by daily newspapers, speech writing, and enhanced use of Internet site, press conferences and production of cable television show.

- Created and implemented an integrated communications strategy for Legislators, including redeveloping Legislature's web page and creation of E-Newsletter.
- Serve as Minority Leader's representative in budget negotiations, budget development and fiscal policy matters.

Office of the County Executive, Mineola, NY

January 1996 to January 2000

Special Assistant to the County Executive

Responsibility to advise County Executive, the chief elected officer of County of more than 1.3 million residents and a County budget in excess of \$2 billion, in matters related to public policy and constituent communications.

- Developed integrated communications strategy and directed its successful implementation. Strategy included use of direct mail, press releases, newsletters, Internet, television and radio advertisements, and press conferences.
- Managed direct mail projects from concept, design, copy, printing and fulfillment. Activity included copy writing and design. More than 3 million pieces of constituent communications mailed annually.

Long Island Rail Road, Jamaica, NY

February 1993 to December 1995

Executive Director, Government and Public Affairs

(11/93 to 12/95)

Promoted to position with full responsibility for Corporate Communications and Government and Community Affairs for the busiest commuter railroad in the United States. Managed annual budget of \$1.5 MM and a staff of 17.

- Successful implementation of comprehensive internal and external information campaigns related to capital improvement projects, service changes and policy changes.
- Spearheaded communications with customers in relation to emergency situations e.g. strike.

Executive Director, Government and Community Affairs

(2/93 to 11/93)

Full responsibility for government and community affairs in New York metropolitan region. Managed professional staff of 3.

- Directed improved community education program to elected officials and key stakeholders.

Long Island Association, Commack, NY

December 1990 to February 1993

Deputy Director, Legislative and Economic Affairs

Assisted in the development and implementation of the legislative program of the Association. Activities included the analysis of legislative proposals, development of testimony and support to multiple Association committees.

- Coordinated the first Long Island Economic Summit. Coordinated the activities of the New Long Island Partnership, a not-for-profit economic development corporation.

Town of North Hempstead, Manhasset, NY

May 1982 to December 1990

Director, Legislative Affairs

(1987 to 1990)

Directed the Town's intergovernmental affairs activities and constituent communication efforts.

- Drafted and lobbied for Town legislative program which resulted in the enactment of three new state laws.
- Created direct mail constituent system to market Town services. Activity included the design and writing of direct mail devices. Coordinated and scheduled outreach efforts to individual communities through Town Community Forum series.

Assistant to the Supervisor

(1982 to 1987)

Assisted the Chief Executive Officer of the Town in the administration of Town government, a municipality with a population of 218,000 and an annual budget in excess of \$40 million.

- Instituted comprehensive public relations and education campaigns related to such issues as breast cancer awareness and water conservation.

Legislative Commission on Critical Transportation Choices, Albany, NY

May 1980 to May 1982

Legislative Assistant

Appointed to research and initiate transportation policies critical to the socio-economic development of New York State on behalf of Commission Chairman.

EDUCATION

St. John's University, Jamaica, NY 11435 - BA, Public Administration – May 1980

COMMUNITY INVOLVEMENT

- Mayor, Town of Purcellville, VA (July 2006 – June 2014)
- Member, Board of Directors, Virginia Land Conservation Foundation (2012 to 2021)
- Member, Board of Directors, George Mason University Research Foundation (2018 to 2021)
- Member, Board of Directors, Metropolitan Washington Airports Authority (2016 to 2022)
- Member, Board of Directors, Visit Loudoun (2014 to 2020)
- Member, Loudoun County Fiscal Impact Committee (2016 – 2019)
- Chairman, Environmental Quality Committee, Virginia Municipal League (2010 – 2012)
- Member and Vice-Chairman, Legislative Committee, Virginia Municipal League (2011-2014)
- Chairman, Go Green Challenge, Virginia Municipal League (2010 – 2012)
- Member, Legislative Committee, Northern Virginia Regional Commission (2012 – 2014)
- Chairman, Northern Virginia Regional Commission (2013 - 2014)
- Founding Member, Town Association of Northern Virginia (2010 – 2014)
- Chairman, Coalition of Loudoun Towns (2012 – 2014)
- Member, Attorney General’s Regulatory Reform Task Force Infrastructure Committee (2008)
- Member, Purcellville Town Council (July 2004 – June 2006)
 - Chairman, Public Works Committee
 - Member, Land Use Committee and Finance and Policy Committee
- Member, Purcellville Planning Commission (September 2004 – January 2005)
- Member, Board of Directors, Locust Grove Homeowners Association (2003-2006)
- Member, Town of Purcellville Economic Development Advisory Commission (2002-2004)

AWARDS

- Friend of the Blue Ridge Mountains – 2010
- Governor’s Gold Medal for Environmental Excellence – 2010
- Siemens Corporation/U.S. Chamber of Commerce Sustainable Communities Award – 2012
- Tree City USA – 2006 to 2014
- Go Green Community – 2008 to 2014

COMMUNITY ACCOMPLISHMENTS

- Successfully developed and implemented financial policies that led to the Town achieving AAA bond rating. Purcellville is the smallest community in Virginia to achieve that rating.
- Doubled the amount of funds in the Town’s rainy-day fund from \$2.2 million to \$4.4 million.
- Budgets ended on target or with surplus for 8 consecutive years.
- Adopted budgets that either equalized or cut property taxes for 7 out of 8 years.
- Made strategic investments in Police Department resulting in its accreditation and reaccreditation by the Commonwealth of Virginia.
- Fostered a positive business environment in community which led to record private sector investment and more than 600 new jobs in a two-year period.
- Successfully implemented a Capital Budget that included upgrading of the Town’s waste water plant to meet stringent environmental standards, doubled the Town’s access to water resources, completed more than 2 miles of new sidewalk and numerous transportation projects; including completing a road that was planned for more than 30 years.
- Placed more Town owned property in conservation easement (nearly 1,500 acres) than any Town in the Commonwealth of Virginia.
- Created Historic Overlay Corridor and Historic District which is listed on the National Register.
- Successfully purchased and renovated historic property in community with successful transition to private operator. Facility hosts more than 100,000 visitors per year.
- Successfully obtained grants for Downtown Improvement Project which increased parking, pedestrian access and improved streetscape.

DEMETRA J. MC BRIDE

Mobile (941) 228-6666

loupdor8@gmail.com

Strategic Thinker, Fluent Multi-Tasker, Empowering Leader, and Team Builder. Thrives in Collaboration and Partnerships. Performance-Driven Leader in Energy, Infrastructure, and Resilience Policy and Programs. Seasoned Regulatory and Legislative Strategist. Seeks Solutions Through Technical Expertise, Purposeful Innovation, and an Entrepreneurial Approach.

SELECTED ACHIEVEMENTS

Redesigned and Restructured Major Infrastructure, Utility and Energy/Climate Programs to a Performance-Based Risk Mitigation Model (Arlington, VA). Restructured energy, climate and resilience programs to focus on cross-disciplinary design, risk mitigation, and long-term urban performance. Core focus on introducing climate adaptation and resilience to countywide strategy, revisioning green building program, and building cross-departmental and external partnerships to drive climate and energy goals.

Redesigned Stormwater Capital Program (Arlington, VA) to deploy a blended-engineering approach to overcome legacy development, space constraints, insufficiency of capacity infrastructure system, and systemic lack of overland relief.

Early attainment of Climate Benchmarks and Goals (Arlington, VA) including 100% renewable energy resources for government operations electricity, accelerated EV conversion of government fleet, alternative fuels assessment for municipal bus transit fleet/system, and enhanced green building strategies and programs (new construction and retro-commissioning).

Reform and Re-Manage California's Largest Regional Energy Programs (County of Los Angeles). Operational/functional improvement and delivery of \$2 Billion PACE (Property Assessed Clean Energy) Program, with focus on customer protections, contractor integrity, and program analytics. Program Director of the Southern California Regional Network (SoCalREN), tripling performance (annual) energy efficiency portfolio funded through the California Public Utilities Commission (CPUC).

Developed new Guidelines for California Residential Property Assessed Clean Energy Programs to ensure equity, quality-assurance-and-control, and consumer protections; used as model for CA legislation.

T-Grid: Transition from a Buildings-Centric Energy Grid to Transportation-Driven Energy Infrastructure (County of Santa Clara) Proposal awarded by the California Energy Commission (CEC) under its EV-Ready Communities Planning-Infrastructure Grant Program, designed to manage the shape of regional energy loads and remodeling infrastructure to absorb transportation-driven energy demand.

Leadership in Redefining Government Roles in the California Energy Sector (2010-2018). Designed and directed ARRA-funded community energy program to highest performance in the San Francisco Bay Region. Seasoned regulatory and legislative representative and negotiator under proceedings for Energy Efficiency, Grid Resiliency, Community Choice Aggregation, Transportation Electrification, Workforce Training, Zero Net Energy, and Building Energy Benchmarking. Promoted adoption of Community Choice Aggregation (CCA) in California and developed and co-founded the Silicon Valley Clean Energy CCA.

Developed Regional Energy Network (REN) Model and Secured Regulatory Recognition and Funding. Co-designed the REN model and secured its approval by the California Public Utilities Commission (CPUC). This effort has secured \$750M+ to date in funding for the Bay Regional Energy Network and the Southern California Energy Network, to design, pilot, and implement government and community energy program portfolios.

SELECTED ACHIEVEMENTS

Advanced Santa Clara County as a leader in sustainability, climate, and energy portfolios; and secured grants and alternative funding sources. As the County's Founding Director of the Office of Sustainability, built dynamic relationships with municipalities, secured grants for, and managed, multi-jurisdictional greenhouse gas inventory and climate/energy action plan projects, and a multi-sector fuels-reduction pathway. Produced and implemented leading-edge regional adaptation platform and decision-support tool (**Silicon Valley 2.0**) (<https://sustainability.sccgov.org/silicon-valley-20>), promoted as Best-in-Class adaptation strategy by the Governor's Office of Planning and Research.

Designed and manage regional sustainable transportation project, Driving to Net Zero: Decarbonizing Transportation in Silicon Valley (California Strategic Growth Council), supporting an integrated feasibility analysis, siting plan, and resource kit for implementers; and developing policy, programmatic, technology and market-based solutions to drive uptake in EV, PHEV, and alternative fuel vehicles. *Also, 2018 CEC Grant Award for County of Los Angeles under EV-Ready Communities Blueprint Planning Phase 1.*

Created and implemented Master Capital Program for Green/Built Infrastructure Integration (Sarasota County). Designed and manage countywide capital improvement program to integrate green and built infrastructure; collaborating with Public Works, Utilities, Natural Resources, Engineering, Maintenance and Operations managers, Transportation and Planning staff and officials, as well as community-based organizations, environmental groups, and community stakeholders.

PROFESSIONAL EXPERIENCE

ARLINGTON COUNTY, VA

04/2018-present

Office of Sustainability and Environmental Management, Bureau Chief

Responsible for implementation of resilience, energy, and climate initiatives, and manage a staff of 53 engineering, technical, policy, and analytics professionals. Tasked with transforming the implementation mechanisms for the County's energy programs, reforming stormwater regulatory and infrastructure programs, and coordination of all programs, policies and strategies under the County's emissions reduction plan, including transportation, solid waste, wastewater, community energy efficiency and renewables, government facilities, policy, resiliency, and environmental equity. Key achievements:

- Contemporized Community Energy Plan (2019) to integrate 100% renewables goals, electrification of transportation and buildings, energy resiliency systems, energy equity and create an operationalized work plan for implementation, measurability and accountability
- Diversify funding/financing portfolio for enhanced expansion of stormwater system investments, including Utility Feasibility Study, bonding options, and alternative funding including grants
- Stormwater Risk Assessment and Management Plan, to model climate and inundation projections as basis for infrastructure investments, code/regulatory measures, and adaptation (SLR) projects
- Re-Vision Stormwater Program (capacity/infrastructure systems and MS4 compliance programs), and establish hybrid engineering solutions; co-siting; dual-tasking capital projects; develop risk mitigation strategies; and dynamic communications and engagement platforms
- Executed specialized energy programs, e.g., technical alliance with NREL, team skills training in adaptive reuse of buildings, expanded Green Building Incentive Program to include PHIUS, net-zero buildings, existing buildings pathway, and adaptive reuse
- Designed and secured state and federal grants

COUNTY OF LOS ANGELES, CA

11/2016-04/2018

Environmental Initiatives Division Manager, Energy + Environment

Design, management and oversight of energy and electrification programs, supported by rigorous regulatory representation. Responsible for securing/managing California Energy Commission and U.S. Department of Energy grants for innovative technical and market-solutions projects, including AB 802 energy benchmarking implementation and market-based solutions based on end-user clusters (residential and commercial customers, building owners and managers, and banking-investment actors). In less than one year:

PROFESSIONAL EXPERIENCE (cont.)

- Tripled energy savings achievements under the SoCalREN Programs
- Increased SoCalREN Program in Disadvantaged Communities by 250%
- Secured CPUC concessions to regional governments, e.g., financing pilots, residential redesign
- Secured nearly \$2 Million in benchmarking and market solutions grants
- Designed and launched County Electric Vehicle Infrastructure Plan
- Led development for government sector of the County's Regional Sustainability Master Plan
- Integrated process, tracking, and program integrity improvements to the Residential PACE Program
- Active role in development of new PACE legislation (AB 1284 and SB 242), and state oversight
- Designed and managed Air Quality Resources Board and Air Quality Management District grants

COUNTY OF SANTA CLARA COUNTY, CA

11/2010 – 11/2016

Director, Office of Sustainability

Recruited from a national search to build and direct a newly-created agency to develop and implement policy, projects, and programs for sustainability, climate mitigation and adaptation, and resource efficiency and conservation. Responsible for: cross-department awareness, innovation, and collaborative dynamics in all sustainability sectors; project design & management; enterprise-wide adoption of sustainability principles and practices; establish the County's regional leadership role in sustainability and demonstrate success in multi-jurisdictional and diverse stakeholder projects; represent the County in local, state, and national venues; and to forge public-private partnerships, market-based solutions, and innovative energy, resource, and climate projects. Key accomplishments:

- Developed, funded and manage regional zero-emissions transportation initiative, ***Driving to Net Zero: Decarbonizing Transportation in Silicon Valley***
- Developed, funded and managed ***Silicon Valley 2.0***, a Regional Climate Adaptation Platform (9 sectors) and creation of the accompanying geo-economic Decision-Support Tool
- Developed the **Regional Energy Network** model, and secured adoption of the REN model: Santa Clara Funding \$13M/annually
- Lead role (technical, regulatory, programmatic, operational and community outreach) in development and launch of the **Silicon Valley Clean Energy** (community choice aggregation)
- Secured additional \$5.6 million in direct federal/state grant funds for County climate, energy and transportation programs and projects (2011-2014) and \$16.0 million+ in community incentives, local economic stimulus, and job creation/maintenance
- Developed, funded and managed multi-jurisdictional climate/sustainability projects
- Strategically manage cross-departmental implementation of sustainability policy and measures
- Develop countywide Sustainability Blueprint and Implementation Plan, establish sustainability indicators, goals, metrics and tracking systems to measure progress
- Stakeholder and public liaison for County sustainability programs, projects, and policies
- Garnered national and state awards for innovative energy and climate programs

SARASOTA COUNTY, Sarasota, FL

04/2005 – 10/2010

Program / Project Manager, Natural Resources / Office of Sustainability

Responsible for climate-energy action planning, green infrastructure programs, energy efficiency projects, ecological footprinting, life-cycle analyses, sustainability training programs, environmental planning for public health, and project manager for grant-based (including ARRA) and capital programs.

- Developed Climate Action, Energy Efficiency, Green Infrastructure & Urban Forest Master Plans
- Program Manager for Capital, Surtax, and Federal Stimulus Programs
- Member of Low Impact Development Design Project Team (focused on water conservation and smart land-use design strategies)
- Committee Member for Plan Review for Development/Infrastructure/Transportation Projects
- Regulatory Analysis and Compliance (Federal, state and local)

EDUCATION

New York Law School, New York, New York

Juris Doctorate

Awards, Special Honors, Publications and Internships

- American Jurisprudence Award in Administrative Law
- “*Sexual Abuse of Children: The Best Kept Legal Secret*”, NYLS Human Rights Law Annual, Volume III, Part Two
- Book Review Editor, NYLS Human Rights Law Journal
- Benjamin Cardoza Moot Court Competition, Semi-Finalist

Sorbonne, Université de Paris, Paris FRANCE

Diplôme de la Langue et la Civilisation Française

Florida International University, Miami, Florida

B.A. International Relations

“*The Role of Women in the Soviet Union*” – Majors Thesis (awarded)

“*The Changing Culture of Terrorism*” – Minors Thesis

LANGUAGES: Fluent in French, basic Spanish and German

LICENSES: Member, Legal Bar of the State of New York
Member, Legal Bar of the State of Florida

AFFILIATIONS: PJM Cities and Counties Coalition, and member of Policy Committee
MWCOG Climate Change Energy Environmental Policy Committee
Advisory Committee, California Adaptation Forum 2016, 2018
Board Member, NACO Green Government Initiative
Board Member, Local Government Sustainable Energy Coalition (LGSEC)
Board, Climate Task Force, Joint Venture Silicon Valley
Steering Committee, Bay Area Climate Collaborative
Steering Committee, Sustainable Silicon Valley
Member, Urban Sustainability Directors Network
Built Environment Technical Advisory Committee, ICLEI (2010-2012)

Representation: 2022/23 European Union International Urban and Regional Collaboration Cohort
SPUR, Innovation Award 2019 for Silicon Valley Clean Energy
Monday Morning, Global Opportunity Report 2016 – Designated Public Sector Innovator by the United Nations Global Compact Program, which recognizes 10 sector-specific Global Innovation Leaders in climate action
VERGE 2014 – *Climate Adaptation and the 3P Nexus*
Board, Local Government Sustainable Energy Coalition (California Statewide) – principal strategist and advocacy under California Public Utilities Commission and California Energy Commission proceedings
Silicon Valley 2.0 Climate Adaptation Platform Presented before state and national conferences, California Senate Testimony and US Congressional workshops, and for institutional, research, academic, and foundational groups
ICLEI National Action Committee for the Built Environment, National Technical Advisory Committee for ICLEI’s Sustainable STAR Communities toolkit
American Planning Association National Committee, Co-Author of 2010 White Paper, *Rebuilding America’s Green Infrastructure*
2nd Int’l Conference on Countermeasures to Urban Heat Islands, Sept 2009 *Eco-Masterplanning for Healthy Cities and Urban Islands* (peer-reviewed by Lawrence Berkeley National Laboratories and the Centers for Disease Control)



BILL EGER, PE, CEM, CC-P, ISSP-SEA, CPM, LEED AP

Climate Policy Officer

Arlington County, VA Office of Climate Policy & Coordination

RELEVANT EXPERIENCE

Bill serves as the Climate Policy Officer for Arlington County, Virginia where he leads the Office of Climate Policy & Coordination for the Arlington County Manager's Office. Bill serves to coordinate and amplify the County's ongoing responses to climate change, and support Arlington's sustainability initiatives through collaboration across all Arlington County departments; work with regional, state and federal partners; and by creatively leveraging collective action by each member of the Arlington community, including private companies, institutions, and community-based organizations. Bill's relevant technical, programmatic, and policy expertise includes delivery residential & commercial building energy efficiency and electrification, resilient renewable energy systems, and electric vehicles & transportation infrastructure programs.

ROLE EXPERIENCE

Arlington County, Virginia, 03/2023–Present

Chief Climate Policy Officer. Provide strategic climate action leadership to institutionalize climate change as organizational priority, amplifying existing energy, sustainability, and climate action programs, foster community collaboration, and integrate equitable outcomes.

City of Alexandria, Virginia, 01/2010–02/2023

Energy Manager/Climate Programs Manager. Develop and deliver building energy efficiency & electrification programs, implement resilient renewable energy systems, and deliver electric vehicle & transportation electrification programs. Advance climate action and resiliency planning and policy development.

City of Cleveland, Ohio, 08/2007–12/2009

Energy Manager. Implement building energy efficiency and renewable energy programs.

SELECT PUBLICATIONS AND PRESENTATIONS

Publications

Kaiser, D., Eger, B., Defreitas, S. (2022). Pursuing Portfolio-Wide, Zero-Energy Existing Buildings on a Budget. *ACEEE 2022 Summer Study on Buildings*. <https://www.aceee.org/2022-buildings-summer-study>

Qualifications Highlights

- Climate Action Policy
- Building Energy Efficiency & Electrification Programs
- Renewable Energy Systems
- Transportation Electrification

Education

- BSEE, University of Dayton, 2002
- BCE, University of Dayton, 2003
- MS Eng, University of Dayton, 2006

Certifications and Trainings

- Professional Engineer, State of Ohio, 2012
- Certified Climate Change Professional, 2021
- Certified Energy Manager, 2021
- Sustainability Excellence Associate, 2021
- EcoDistrict Accredited Professional, 2020
- Certified Public Manager, 2012
- LEED Accredited Professional, 2009

Presentations

Eger, B. (2020, November 18). *Electrifying Transportation for Climate Action and Clean Air in Alexandria. NoVA/Washington IEEE Power and Engineering Society*. Washington, DC, United States. <https://events.vtools.ieee.org/m/247878>

PROFESSIONAL AFFILIATIONS

Association of Energy Engineers
Institute for Electrical and Electronic Engineers
American Society of Mechanical Engineers
American Society of Heating, Refrigeration, and Air-Conditioning Engineers
United States Green Building Council
Association of Climate Change Officers

PAUL F. ROMAN

Education

Philadelphia University / 2014 - 2018

B.S. Environmental Sustainability

Pennsylvania State University- World Campus / 2021 - 2024

MPS Renewable Energy and Sustainability Systems

Professional Experience

Arlington County

Green Building Program Manager | 2022 – Current

As the Green Building Program Manager for Arlington County, Paul works with community, business leaders, public committees, and government staff to facilitate the development of sustainable, high-performing buildings in Arlington County, VA.

Gensler

Sustainability Specialist | 2018 – 2022

As a Sustainability Specialist at Gensler, Paul worked with clients and design teams to optimize the sustainable features of projects, ensuring their sensitivity to the environment and responsible consumption of resources. Paul worked on multiple projects ranging in scale from small retail interiors to large commercial new construction, totaling over 16 million-sf of work with teams across the US.

Professional Certifications

- U.S. Green Building Council (USGBC) LEED AP ID+C, BD+C
- International Living Future Institute (ILFI) Accreditation (LFA)

STEPHEN T. BURR

EDUCATION

MA, City and Regional Planning, Clemson University, Clemson, SC, 2010

BBA, Business Administration, Marshall University, Huntington, WV, 2008

PROFESSIONAL CERTIFICATIONS

Association of Energy Engineers- Certified Energy Manager (CEM)

American Planning Association- American Institute of Certified Planners (AICP)

Association of Energy Engineers- Renewable Energy Professional (REP)

U. S. Green Building Council- Leadership in Energy and Environmental Design Green Associate (LEED-Green Associate)

PROFESSIONAL EXPERIENCE

July 2021 – Present

Arlington County

Arlington, VA

Energy Manager

- Manages energy efficiency, decarbonization and renewable energy planning, implementation and reporting for County facilities in coordination with other bureaus and departments to reduce County energy consumption and climate impacts
- Develops innovative tools to identify, prioritize and implement decarbonization measures in County facilities through energy modeling, measure evaluation and quantification of key energy, cost and climate metrics
- Facilitates collaborative process with technical support to identify and drive decarbonization efforts in affordable housing sectors to achieve equity and community-wide goals.
- Manages renewable energy planning, deployment and reporting in a variety of methods including on-site screening and identification, virtual power purchase agreement implementation, and evaluating aggregation models
- Supports the implementation of the County's Community Energy Plan programs technical assistance and strategic planning to the climate and energy programs addressing the broader community greenhouse gas reduction goals
- Collaborates cross-functionally for the planning, analysis and installation of electric vehicle charging infrastructure at County facilities

April 2018 – July 2021

Washington Gas

Springfield, VA

Supervisor, Energy Efficiency Data Analytics

- Leads regulatory reporting efforts for the EmPOWER Maryland energy efficiency program portfolio by completing quarterly reporting templates for energy savings, program participation and program budgets along with the accompanying semi-annual narrative report
- Completes data requests and regulatory requirements from the Maryland Public Service Commission and intervening stakeholders related to the EmPOWER Maryland energy efficiency programs in coordination with Washington Gas internal stakeholders including Regulatory Affairs and Office of General Counsel
- Creates, monitors, and communicates performance of energy savings and participation metrics towards program goals for the energy efficiency team and senior leadership through Power BI dashboards and data visualizations
- Supports implementation of energy efficiency programs for the residential behavioral program, limited-income programs, and electric-natural gas coordinated programs as well as the Company's Climate Business Plan

- Assist with program design process to create multi-year program portfolios of energy efficiency programs by forecasting program participation, energy savings and budgets, identifying program gaps, opportunities, and potential vendors while ensuring customer benefits, cost-effectiveness and developing associated rate surcharges
- Manages the evaluation, measurement and verification (EM&V) process, including a third-party vendor, data inputs for program avoided costs, net to gross ratios, gross energy savings calculations, and other data as needed

2013 – 2018

BCS, Incorporated

Washington, DC

Manager

- Lead on-site contractor that supported the Department of Energy's Sustainability Performance Office (SPO) with data collection, data quality assurance and control, and departmental reporting for Executive Order 13693, *Planning for Federal Sustainability in the Next Decade*
- Aided with the development of the Department's Strategic Sustainability Performance Plan (SSPP) that provide strategies for attaining sustainability goals including greenhouse gas emissions mitigation, energy use intensity, renewable energy, waste diversion, climate change adaptation, fleet vehicles optimization, electric vehicle and fuel reduction and high performance sustainable buildings
- Lead contractor that managed the Department of Energy's annual greenhouse gas emissions (GHG) inventory with data collection, validation, and reporting. Coordinate annual sustainability reporting and analysis including calculating performance for sustainability related goals including renewable energy, energy use intensity, waste diversion and high performing sustainable buildings
- Lead contractor that managed the Energy Independence and Security Act (EISA) Section 432 reporting process by creating workbook reporting templates, provide training, coordinate data quality assurance related to covered energy use, comprehensive energy and water audits, identified energy conservation and renewable energy measures, implemented projects, and measurement and verification for departmental reporting requirements. Manage the Compliance Tracking System (CTS) database for departmental reporting, and assisting sites to utilize Portfolio Manager benchmarking program
- Assisted with the development of the DOE Sustainability Dashboard, a SQL database, by providing systems requirements, calculations, and overall system design to automate annual greenhouse gas emissions inventory reporting and maintain historical data to enhance the current Excel-based reporting process



Qualifications Highlights

- Almost 30 years of experience with the City of Alexandria's Office of Housing

Education

- MUP Urban and Regional Planning, San Jose State University, 1995
- BA Urban Affairs, University of Rhode Island, 1993

ERIC P. KEELER

Deputy Director

City of Alexandria, VA Office of Housing

RELEVANT EXPERIENCE

Experienced Deputy Director with a demonstrated history of working in the government administration industry. Strong community and social services professional skilled in Nonprofit Organizations, Negotiation, Budgeting, Policy Analysis, and Government.

ROLE EXPERIENCE

City of Alexandria, VA Office of Housing, 1995-Present

Deputy Director. Manage a staff of 17 and budgets totaling \$4-15 million from various sources. Responsibilities encompass administering federal, state, and local programs, leading initiatives in eviction prevention and affordable housing. Tasks involve planning, monitoring, and evaluating housing programs and projects, including implementation of the City's Housing Master Plan. Additionally, representation on regional working groups focuses on racial equity and homelessness.

Division Chief. Managed and oversaw housing programs, including planning, monitoring, and evaluation. This included developing departmental budgets utilizing various funding sources such as CDBG, HOME, General Fund, Housing Trust Fund, bonds, tax revenue, and loan repayments. Additionally, responsibilities included coordinating the administration of the City's Affordable Housing Policy, managing a portfolio of multi-family and single-family loans exceeding \$90 million, and disseminating housing information to City Council, agencies, and the public. Special projects were undertaken as directed by the Director, which may have involved attending public meetings. Supervision of administrative, professional, and fiscal staff was also part of the role.

Rehabilitation Lead Coordinator. Administered the City's Home Rehabilitation Loan Program, which was funded with federal CDBG monies. This involved reviewing and processing loan applications, managing construction and architectural contracts, and overseeing construction management. Additionally, served as a mediator for problems between contractors and homeowners. Projects included rehabilitating owner-occupied homes ranging from \$2,000 to \$170,000, with funding provided by federal CDBG and HOME Program alongside City matching funds, also performed site-specific environmental reviews for homes and larger federally funded projects such as HOPE VI and EDI funded projects.



SELECT PUBLICATIONS AND PRESENTATIONS

The Use of Federal HOME Funds for Homeownership for the National Community Development Association (NCDA), 2023

The Use of CARES Acts Funding for the NCDA, 2021

The use of CARES Acts Funding for the National Association of County Community and Economic Development (NACCED), 2020

Congressional Briefing on Affordable Housing for Campaign for Housing and Community Development, Funding Hosted by the National Low-Income Housing Coalition, 2019

EMPLOYMENT HISTORY

City of Alexandria, VA, Office of Housing. Deputy Director. 1995 – Present

County of Santa Clara, CA, Office of the County Executive. Project Coordinator. 1993 – 1995

Economic & Social Opportunities, Inc. Assistant to the Director of Business Development. 1994 – 1995

Emergency Housing Consortium. Planner for the Reception Center. 1994 – 1994



Office of Environmental and Energy Coordination



John Morrill, B.A., M.U.R.P.

Director, Fairfax County Office of Environmental and Energy Coordination (OEEC)

RELEVANT EXPERIENCE

Senior energy and climate action professional with a demonstrated record of creating and managing clean energy programs with strong, measurable results. Interdisciplinary thinker. Skilled at making connections between varied constituencies in pursuit of shared objectives. Recognized by local, regional, and national peers for contributions to the field.

EMPLOYMENT HISTORY

Director, Office of Environmental and Energy Coordination, Fairfax County, Virginia 3/2024–present

Division Manager, 11/2020-3/2024

Leading interdisciplinary agency staff handling broad environmental and energy policies and program implementation. Office has an emphasis on (i) climate mitigation through carbon emissions reductions using clean energy, and (ii) climate resiliency through proactive planning and deployment of measures to protect life and property.

Energy Manager, Arlington County, Virginia 01/2012-11/2020

Led negotiations for an offsite power purchase agreement satisfying nearly 100 percent of the electricity needs of county government operations.

Provided substantial subject matter expertise guiding creation of initial Arlington Community Energy Plan (2013) and subsequent updated CEP (2019).

Laid groundwork for achieving U.S. Dept of Energy's Better Buildings Challenge 20% improvement goal in county building energy efficiency (2012 baseline to 2022 target year) after substantial reduction in building energy use from 2007-2012 to achieve original Arlington Initiative to Rethink Energy goal.

Vice President for Sustainability, Emerald Cities Collaborative 07/2011-12/2011

EMPLOYMENT HISTORY (CONTINUED)

Energy Manager, Arlington County, Virginia 07/2000-06/2011

First energy manager for a locality in Commonwealth of Virginia. Initiated energy efficiency upgrades in facilities and pursuit and purchase of renewable energy credits. Co-led creation of a first-

Education

- MA, Urban & Environmental Planning, School of Architecture, University of Virginia, 1994
- BA, Physics and Science, Technology & Society, Clark University, 1982

Certifications and Trainings

- Certified Energy Manager (2000–present)
- Graduate, Leadership Arlington (2013)



Office of Environmental and Energy Coordination

of-its-kind climate action program among Virginia jurisdictions with the Arlington Initiative to Rethink Energy (*nee* Arlington Initiative to Reduce Emissions).

Director of Operations, American Council for an Energy-Efficient Economy (ACEEE), Washington DC 6/1990-4/2000

Managing the financial and administrative activities of a leading not-for-profit energy research and policy organization and contributing to analyses on energy-efficient appliances and feebates for fuel-efficient vehicles. Co-author of popular book, *Consumer Guide to Home Energy Savings* 2nd-7th editions (1991-1998)

Research Associate, ACEEE, Washington DC 5/1983-5/1988

Performing research and analysis on indoor air quality and energy efficient appliances. Co-author of book, *Residential Indoor Air Quality and Energy Efficiency* (1989).

PROFESSIONAL AFFILIATIONS

2014-2023, Member, Board of Governors (Chair, 2021-2023), Virginia Energy Efficiency Council

2011-2020, Member, Board of Directors, Virginia Energy Purchasing Governmental Association

Member, ASHRAE

Life Member, Association of Energy Engineers

Life Member, American Solar Energy Society

AWARDS

U.S. EPA Climate Protection Award (2008) for role creating Arlington Initiative to Rethink Energy

Graduated from Clark University *cum laude*, Phi Beta Kappa, with departmental honors in Science, Technology & Society



Daniel L. Gonzalez

Deputy Director of Operations

RELEVANT EXPERIENCE

My automotive career began in 1987 with National Tire Whole-Seller while attending school at Maryland University and actively serving in the Virginia Army National Guard during the Desert Storm conflict. I started my dealer experience with Brown Automotive Group in 1989. I achieved Sales Master status for outstanding sales performance and accumulated four President's Awards from American Honda for excellence in customer service. I continued my automotive career with Radley Automotive, where I achieved five Precision Team Awards and ten consecutive Customer Service Excellence Awards during my ten-year tenure with the organization. My most challenging yet rewarding role has been working with Sheehy Auto Stores as their Corporate Fixed Operations Director. Working with dozens of qualified managers and keeping track of 22 service departments for this wonderful organization has enhanced my ability to perform at a high pace, a high-stress and challenging environment. I love the automotive, truck, and fleet management business; no other career could be more rewarding and competitive.

In the Fall of 2016, I embarked on a new role as the Deputy Director of Operations for the Department of Vehicle Services, Fairfax County, Virginia. I manage a fleet of over six thousand vehicles and equipment and a team of approximately two hundred highly trained technicians with diverse technical knowledge. This is a new chapter in my career, and it gives me great satisfaction to serve my community and Fairfax County.

EXPERIENCE

With over thirty-five years in the automobile parts and service industry, I have a diverse background including vehicle sales, reconditioning, service, and repairs with major automotive retail chains in the Washington metropolitan area. My expertise includes developing profit centers, managing budgets, and controlling expenses in the Automotive and Fleet Management industry.

Fairfax County Department of Vehicle Services, Fairfax VA, Sept 2016 - Present

Deputy Director of Operations

As the current Deputy Director of Operations, my main responsibility is to ensure that we are properly staffed with a team capable of maintaining and repairing Fairfax County's diverse fleet of vehicles and equipment, which are utilized for

Qualifications Highlights

- 35 Years of experience in the automotive business
- Automotive Service of Excellence Certified

Education

- Western Governors U, Business Management – B.S. Business Administration, 2022
- George Mason U, Costello College of Business Leadership Certificate, 2018
- University of Maryland, Introduction to Marketing, 1987

Certifications and Trainings

- Automotive Service Consultant Certified (ASE) 1993
- Maintenance and Light Repair Certified (ASE) 2018
- Parts Specialist Certified (ASE) 2018
- My extensive expertise in the automotive industry gives my team a competitive advantage when overcoming obstacles. I bring a fresh perspective by staying updated on the latest in vehicle and equipment knowledge, ensuring we are always prepared for industry changes.



caring for citizens, supporting activities, and completing projects. Additionally, I oversee the fleet vehicle and equipment replacement process, during which my team and I carefully monitor vehicle and equipment utilization to ensure they meet mission requirements. We stay current with the industry's best practices regarding vehicle platforms, features, and fuel requirements to ensure the County's fleet longevity remains relevant and mission ready.

Sheehy Auto Stores, Fairfax VA, Oct 2014 - Sep 2016

Corporate Fixed Operations Director

In my role as the Corporate Deputy Director of Operations for Sheehy Auto Stores, my main responsibility was to oversee twenty-two service and parts departments, ensuring we met our corporate sales goals and maintained an ethical and professional working environment. Additionally, I was tasked with overseeing parts inventories to minimize loss and maximize inventory profitability, utilizing best industry practices.

Radley Automotive Group, Woodbridge VA, August 2004 - October 2014

Fixed Operations Director

In my role as the Fixed Operations Director for Radley Auto Stores, my main responsibility was to ensure department profitability by maximizing the store's service and parts sales. I introduced fixed costs for used car reconditioning and implemented multiple profit centers that directly impacted labor and material sales. Additionally, I developed staff within their respective roles and collaborated with the Variable side of the store to maximize new car inventory and new vehicle allocation.

Brown's Car Stores, Fairfax VA, December 1989 – August 2004

Product demonstrator, Service Manager

My tenure with Brown's Car Store introduced me to the business side of the automotive industry. I started on the sales floor as a product demonstrator and later transitioned to the fixed operations department, where I spent several years working directly with customers to address their vehicle maintenance and repair needs. I provided consulting and advice on best practices for vehicle longevity and reliability, ensuring high customer satisfaction. In my next role within the organization, I managed and supervised a team of professionals across multiple departments, overseeing sales, service, and parts for a wide range of vehicles, including compact vehicles, SUVs, hybrid platforms, and light trucks.

Virginia Army National Guard, Ft. Belvoir VA, December 1986 – December 1992

Unit Armorer, Weapons Technician

My role as a Unit Armorer entailed weapons and ammunition inventory and repair for a designated brigade. I was honorably discharged on December 22, 1992, from C Company, 29th Light Infantry Division

PROFESSIONAL AFFILIATIONS

The National Society of Leadership and Success, member since 2002

AWARDS

- Business Communication Excellence Award Business Communication Excellence Award



Issued by Western Governors University Business School · Apr 2022 Issued by Western Governors University Business School · Apr 2022

- Gold Club Gold Club
Issued by Radley Automotive Group · Apr 2006 Issued by Radley Automotive Group · Apr 2006
- President's Awards President's Awards
Issued by American Honda · Apr 2003 Issued by American Honda · Apr 2003
- Sales Master's Sales Master's
Issued by Brown's Automotive Group · Apr 1999 Issued by Brown's Automotive Group · Apr 1999
- Sales Master's Sales Master's
Issued by Brown's Automotive Group · Apr 1995 Issued by Brown's Automotive Group · Apr 1995
- Army Commendation Medal Army Commendation Medal
Issued by Virginia Army National Guard · Dec 1992 Issued by Virginia Army National Guard · Dec 1992
- Army Commendation Medal Army Commendation Medal
Issued by Army National Guard · Dec 1990 Issued by Army National Guard · Dec 1990
- Acura Client Excellence Acura Client Excellence
Issued by American Acura 2010, 2011 Issued by American Acura 2010, 2011
- Acura Precision Team 2005, 2007, 2009, 2012 Acura Precision Team 2005, 2007, 2009, 2012



NEELY LAW, PHD

Senior Community Specialist

Fairfax County Office of Environmental and Energy Coordination (OEEC)

RELEVANT EXPERIENCE

Dr. Law holds 20 years of environmental program planning and management experience. She is an accomplished and results-focused community leader and program manager that oversees financial activities, manages project budgets, and integrates governmental and non-governmental partnerships. She has a long history of success in collaboration with local, state, federal, and non-profit stakeholders and partners for innovation, research development, workforce development, and regulatory compliance to address environmental issues with a sustainability and resilience focus.

EMPLOYMENT HISTORY

Climate and Energy Programming

OEEC, Fairfax, Virginia, 12/2023–Present

Senior Community Specialist. Develops and implements programs to support the county's climate mitigation and resilience plans. Leads the county's Energy Conservation Assistance Program, Climate Champions Program, and Green Business Partners Program to advance climate and energy goals. Engages with non-profits, businesses, residents, and community-based organizations, and manages budgets, teams, and resources to coordinate, promote and manage these programs.

OEEC, Fairfax, Virginia, 06/2022–11/2023

Community Specialist. Developed programs to support implementation of Fairfax County's Community-wide Energy and Climate Action Plan (CECAP). Grew and marketed education and outreach programs to businesses, nonprofits, regional planning organizations, county agencies, and other partners to further county goals. Successfully relaunched the county's Energy Conservation Assistance Program, which provides technical and financial assistance to property owners implementing energy efficiency, renewable energy, or resilience upgrades.

Environmental and Watershed Protection

Department of Public Works and Environmental Services, Fairfax, Virginia, 03/2020–06/2022

Water Resources Project Manager. Provided project management and design oversight of watershed restoration projects. Negotiated and prepared task orders with A/E consultants, coordinated surveys, utility designations, and

Education

- PhD, Geography, UNC Chapel Hill, 2004
- MS, Geography, University of Toronto, 1996
- BS, Environmental Studies & Urban Planning, University of Waterloo, 1993

Dr. Law manages Fairfax County's Energy Conservation Assistance Program, which provides technical and financial support to property owners installing energy efficiency, renewable energy, and resilience upgrades.



relocations for restoration projects, and collaborated with county agencies to enhance stormwater management on new and redevelopment projects. Worked closely with residents and community groups, ensuring transparent and strong engagement with the surrounding community. Led the development of stream restoration design databases for project documentation and analysis, and initiated new ideas and approaches to watershed and ecological recovery through shared research and activities.

Center for Watershed Protection, Ellicott City, Maryland, 05/2017–03/2020

Director of Education and Training. Spearheaded the development of regulatory, educational, and technical watershed and stormwater training for professionals and workforce development programs, including the development of green jobs training programs for under- and unemployed young adults and individuals in low-income communities. Demonstrated leadership in the development of intensive and innovative proposals while successfully supervising projects dedicated to effectively restoring watersheds, including air quality and climate impacts. Led the formulation of strategic plans and effective operations. Served as Co-Chair of the EPA Chesapeake Bay Program, Stream Health Workgroup and Co-Editor of Watershed Science Bulletin.

Center for Watershed Protection, Ellicott City, Maryland, 04/2004–04/2017

Senior Research Analyst and Project Manager. Project Manager for multiple federal, state, and local grants, to include climate impacts on urban forests and trees, water quality, stormwater best management practices, emerging contaminants, and environmental curriculum development and training. Project Manager for Sediment Reduction and Stream Corridor Restoration for the US EPA Chesapeake Bay Program. Provided expertise to Chesapeake Bay partners to expand and accelerate implementation of nutrient and sediment load reduction practices and technologies. Spearheaded proposal development and intensive research optimizing urban watershed management best practices. Facilitated public meetings and provided conference presentations, data analyses, report writing, professional presentations, literature review and synthesis. Managed cross-functional teams for watershed restoration projects. Served as Co-Chair of the EPA Chesapeake Bay Program, Stream Health Workgroup, and Co-Editor of the Watershed Science Bulletin.

University of Maryland University College, Adelphi, Maryland, 2009–2011

Adjunct Faculty. Administered curricula as an instructor for courses in Geographic Information Systems applied to urban watersheds. Developed class syllabus to ensure alignment with department standards and institutional goals. Worked collaboratively with the university to report student learning outcomes and analyze student data.



Workforce, Education, and Training Statement of Qualifications

Contractor Incubator, DC, Maryland and VA

ECC design and implement a holistic approach to contractor development that provides small minority construction businesses (MBE) with a comprehensive long-term program of training, support, and business opportunities to enable rapid and profitable growth in the areas of energy efficiency, electrification, environmental sustainability, and DC's Building Energy Performance Standards (BEPS).

This work includes:

- Outreach and recruit MBE/SBE/WBE/DBE/DVBEs. Schedule and attend outreach meetings with contractor trade associations for minority, women, veterans and other populations to identify and recruit contractors for the training program;
- Review contractor assessments to identify interests and capacities for DC BEPS projects.
- Develop 3 hour training series on Green Building Standards, Access to Capital, Bonding and Insurance, Worker Safety, Labor Compliance, Local Hire, Project Labor Agreements, Public Contract Law, and Business Certification.
- Organize, schedule, and finalize logistics for contractor training series.
- Recruit subject matter experts and train/prequalify.
- Offer coaching to assist a limited number of contractors to prequalify and to effectively compete for large-scale and public-sector project, including addressing barriers to bonding, certification and access to capital

Dates: 2023 - Present

Contact: Katie Bergfeld, Chief Building Performance & Enforcement Branch Data & Benchmarking Division, DC Department of Energy & Environment

Email: katie.bergfeld@dc.gov

Phone: 202-834-1297

E-Contractor Program, Southern California Regional Energy Network (SoCalREN)

ECC is the third-party implementer responsible for the design and implementation of the economic inclusion program for the Southern California Regional Energy Network (SoCalREN), a network of 120 local jurisdictions (cities, sewer districts, schools) in the Southern California Edison's service area funded by the California Public Utilities Commission. The work includes:

- On-going training and support for SoCalREN staff and contractors - primes and subs-- on diversity inclusion goals and monitoring and compliance system utilization.
- Developed a model integrated energy regional workforce system --mapping and organizing energy and construction training programs -- pre-apprenticeship programs, community colleges and apprenticeship programs throughout the SoCalREN service territory.
- Designed and launched a highly successful E-Contractor Academy, training over 100 small, minority, women and veteran-owned contractors in green building and public procurement skills, Six DBE/WBE/VBE contractors currently are pre-qualified energy contractors and over \$15 million in solar and sustainability contracts have been awarded

Dates: 2013 - Present

Contact: Lujana Medina, Division Manager, LA County ISD Energy & Environmental Services

E-Mail: LMedina@isd.lacounty.gov

Phone: (562) 417-2051

ACES (Architecture Construction and Engineering) Program

Since 2015, over 10 high schools have engaged in a strong partnership with Architecture. Construction Engineering Students (ACES) Engineering Pathway Program. ACES is a comprehensive youth workforce development model that combines structured academic pathways to science, technology, engineering, art, and mathematics (STEAM) careers, access to pre-apprenticeship construction training, and paid summer internships. ACES exposes and engages disadvantaged high school students to explore careers in architecture, engineering and construction by capitalizing on local design and construction projects, concurrent college enrollment in STEAM-related course offerings, and strong industry participation.

ACES Program Goals:

- Facilitate college enrollment and transferable college credit during high school
- Increase diversity of students entering the design and building industries
- Develop mentorship relationships between students and industry professionals
- Provide students experiential learning through paid summer internships
- Provide access to scholarships to assist students with the high cost of higher education

Duration: 2015-current

Contact: Humberto Gallegos, Past Engineering & Technologies Department Chair, East Los Angeles Community College

E-mail: gallegos@elac.edu

Phone: (909) 681-2927

Contact: Lujana Medina, Division Manager, LA County ISD Energy & Environmental Services

E-Mail: LMedina@isd.lacounty.gov

Phone: (562) 417-2051

HVAC Career Preparation Academy

In 2018 the ECC Pacific Northwest team designed, packaged, marketed, and administered a self-contained "clean energy" workforce education/training program delivering fundamentals of heating, ventilation, air conditioning, and refrigeration technology to highly diverse trainees from Washington's most populous urban areas. In the intervening five+ years, the HVAC Career Preparation Academy has served 90 highly diverse trainees in seven cohorts and retained 74 of them for an aggregate training completion rate of 82 percent. The seven completed trainee cohorts each received from 12 to 17 weeks of technical instruction, with duration depending on the year of delivery. All qualified participants have received transportation, resume development, career navigation, and job placement support. Recent cohorts have received even more substantial "wrap-around" support services (including rental assistance, childcare, tools, work clothing, extended workforce placement support, and more) delivered via a CBO contractual

partner, Seattle Jobs Initiative.

The King County Workforce Development Council funded program design and implementation aligned to federal Workforce Innovation and Opportunity Act requirements. Roughly a dozen CBOs have partnered closely with the program over time, primarily by referring clients from their caseloads to participate in training and job search. Workforce education and training contractual partners in design and service delivery include the Construction Industry Training Council of Washington, the HVAC Institute, the City of Seattle Office of Economic Development, and the Seattle Jobs Initiative.

The Washington Building Engineering Consortium -- an industry roundtable of leading building operations professionals convened by the Washington State Construction Center of Excellence and staffed by ECC PNW -- actively participated in HVAC curriculum design, hosted trainee field trips to high-rise commercial towers, delivered guest lectures/demonstrations, and in some cases hired program graduates. Key industry partners over the years include Wright Runstad & Company, CBRE, JLL, Resicon, Integrity Energy Systems, and System Mechanical and Safety Solutions.

Duration: 8/2018 – Current

Contact: David Norman, HVAC Institute, Inc., Owner/Instructor

Email: hvacnorman@gmail.com

Phone: (253) 202-0330

Green Path Careers Program

The Green Path Careers (GPC) Program provides opportunity youth and adults access to the emerging Energy Efficiency (EE) sector by offering education, training, and work experience in the field.

The program is designed to address the barriers opportunity youth and adults face when moving into the growing workforce, while addressing the EE workforce expansion needs. GPC aims to assist opportunity youth and adults by eliminating the barriers of the EE workforce sector, by providing certification training, supportive services, and the coaching needed to emerge successful by providing the resources and support needed to begin their EE career.

The Green Path Careers program provides a multi-step approach that assists a participant in entering the Energy Efficiency workforce from the initial recruitment phase to becoming Job/Career Ready.

Dates: 2020 - Present

Contact: Lujana Medina, Division Manager, LA County ISD Energy & Environmental Services

E-Mail: LMedina@isd.lacounty.gov

Phone: (562) 417-2051

Merrimack Valley E-Contractor Academy

The Merrimack Valley Renewal Fund is aimed at creating a clean, affordable, and resilient energy future for the Commonwealth by providing meaningful benefits to utility customers affected by the Columbia Gas explosions in 2018. As a part of the settlement, \$41 million is allocated to benefit customers in Lawrence, Andover, and North Andover. ECC designed the Merrimack Valley E-Contractor Academy to provide ECC's signature small business accelerator programming to women and minority-businesses in the region and ensure that they are equipped to take advantage of this growing opportunity. ECC is actively recruiting contractors that can perform energy efficiency, renewable energy projects, and building electrification and decarbonization projects in the Merrimack Valley Region.

Duration: July 2023 – Present

Contact: Radhy Miranda, Manager Economic Equity, The Rockefeller Foundation

Email: RMiranda@rockfound.org

Vanessa Bertelli

Decarbonization strategist and practitioner with 25 years experience in policy, advocacy, engagement, strategic communications, and corporate law earned in the private sector, intergovernmental organizations, and nonprofits.

1617 Tuckerman Street NW
Washington DC, 20011
(202) 406-0007
vanessa@electrifydc.org

EXPERIENCE

Electrify DC, Co-Founder and Executive Director - 2023 - present

[Electrify DC](#) works to make it easier, faster and more affordable to decarbonize all homes. It does this by:

- Engaging, training and certifying members of key residential real estate professions – agents, brokers, appraisers, home inspectors, mortgage lenders, architects, landscape architects, mechanical engineers, contractors, electricians, gasfitters, HVAC installers, and property managers
- Engaging with industry associations representing these key professions
- Connecting manufacturers, local businesses, potential workforce and communities through the Healthy Homes Fair, a large yearly event run in partnership with DOEE and DOB
- Incubating the Demonstration Sites – community-based programs that empower neighborhoods to electrify
- Educating homeowners, renters, and building managers through the professionals that serve them
- Educating legislators and policymakers on issues surrounding the practicalities of the electrification of homes

Decarbonization Advisor, Self-Employed - 2020 - 2023

- Coordinated coalition working on DC Construction Codes Coordinating Board adoption of all-electric buildings code.
- Co-founded Real Estate Agents Leading Electrification ([REALE](#)).
- Spearheaded teams developing:
 - homeowner-facing electrification app
 - [social media campaign](#) aimed at homeowners
 - workforce development initiatives.
- Project managed net-zero retrofit of a 100-year-old home, earned press in the [Washington Post](#) and was awarded DOEE and DOB's DC Net Zero Energy Program grant.
- Worked with DC Green Bank, DC SEU and other government entities to [spur industry discussion](#) around decarbonization.

EDUCATION

INSEAD Master of Business Administration (M.B.A.), Communications Strategy and Environmental Sustainability, 2003

University College London
Masters in Law (L.L.M.), Media law, art law, and human rights law, 1996 – 1997

Université de Lausanne
Licence en jurisprudence, Swiss and comparative law, 1992 – 1996

LANGUAGES

Italian – native proficiency
English – bilingual proficiency
French – professional working proficiency
Spanish – working proficiency
Mandarin – elementary proficiency
German – elementary proficiency

AWARDS

DC Alliance of Youth
Advocates (now DC Action)
Advocacy Impact Award 2018

VOLUNTEER EXPERIENCE

Green Buildings Advisory
Council Mayoral Appointee,
2024 – present

Co-Founder and Executive Director, DC Language Immersion Project – 2014 – 2020

Created [DC Immersion](#) from grassroots. Successfully advocated for the expansion and funding of multilingual education in DC and nationally by:

- Informing DC Councilmembers through public testimonies and meetings, leading to [legislation funding multilingual education](#)
- Assisting DC Council's Committee on Education in drafting budget recommendations to fund Office of Multilingual Education
- Assisting Rep. Grijalva (D-Ariz.) in drafting the [SYLLABLE Act](#)
- Assisting US Dept. of Education Deputy Secretary Viana and former US Secretary King
- Cultivating members of the press through [high-level policy events](#)
- Coalescing with local and national organizations and agencies
- Researching and sharing [data on economic and equity issues](#)
- Engaging [diverse communities](#) leading to the opening of the first bilingual program East of the River in 2016, and to the number of seats in these programs in DC almost tripling

Vanessa managed all aspects of business, overseeing operations, communications and development. She built the board, and managed a team of 12 staff and interns, working with over 100 volunteers.

Stay At Home Parent, Self-Employed – South Africa, China and US 2007 – 2013

Raised three wonderful humans while wading through the bureaucracy of international adoption, cross-border real estate transactions, and two sustainable home renovations.

Independent External Evaluation Specialist, UN Food and Agriculture Organization (FAO) – Italy 2006

Analyzed the administration of FAO, including decision-making processes, HR data, headquarters and field offices budgets.

Corporate Social Responsibility Specialist, World Bank Group – Italy 2005

Researched and analyzed impact of corporate social responsibility and participatory processes on companies' profitability.

Media Corporate Lawyer, Ashurst – United Kingdom 1998 – 2002

- Managed sale and leaseback of films worth £100m, creating UK's first and largest film tax investment scheme.
- Coordinated and led teams of lawyers and venture capitalists during disposal of television channels worth US\$60m.
- Monitored and evaluated management of joint ventures channels.

National Park Service Weed Warrior Leader, 2020 – present

Washington Yu Ying PCS Guest speaker on zero waste and net-zero, 2016 – present

Garrison Improvement Project Committee Chair 2012 – 2015 Led coalition that kept our local school open, and secured over \$30M in modernization funding. Worked with DGS, DDOT, DOEE (Riversmart and School gardens), Casey Trees, USGBC Green Schools on building and grounds improvements, including solar array.

PUBLICATIONS

[Bilingual Education Should Be Available to All Children](#), The Atlantic, 2018

[Demographics and Equity of Dual Language Immersion Programs in Washington DC](#) University of Maryland Press, 2019

SPEAKING

US Dept. of Defense Interagency Language Roundtable 2019

US Dept. of Education Multiliteracy Symposium 2019

ACTFL Language Advocacy Day 2019

Rosetta Stone User Conference 2018



PRINCE GEORGE'S
COMMUNITY COLLEGE

Workforce Development and Continuing Education

Sustainable Energy and Workforce Development Program

SUSTAINABLE ENERGY AND WORKFORCE DEVELOPMENT



PRINCE GEORGE'S
COMMUNITY COLLEGE

Workforce Development and Continuing Education



In partnership with Prince George's County Department of Environmental Services, Prince George's Community College offers The Sustainable Energy and Workforce Development Program (SEWDP) to Prince George's County residents.

Whether entering into the workforce or seeking a new career, individuals can enroll in programs designed to attain high-quality, tuition free education that leads to in-demand industry-recognized credentials leading to employment.

SEWDP offers training in preparation for The National Center for Construction Education and Research (NCCER) and Building Performance Institute certifications. Participants have the opportunity to earn certifications as Weatherization Technicians, Solar Installers, Building Analysts, and/or Energy Auditors and more. NCCER and BPI are the leading nationally recognized standard credentialing organizations for residential energy efficiency work.

SEWDP targets those interested in entering careers in renewable energy and current industry professionals who want to increase their skills.



SEWDP Program Trainings

ASE L3 - Hybrid/Electric Vehicle Specialist

This training is an advanced level training geared toward technicians who are interested in learning how to perform diagnosis and repairs on hybrid/electric vehicles.

Experience: Automotive Industry experience

BPI Building Analyst

The Building Analyst training is designed for students to learn how to perform comprehensive, whole-home assessments, identify problems at their root cause, and prescribe and prioritize solutions based on building science.

BPI Building Science Principles

Training explores how various components of the home interact to affect the home's overall energy efficiency.

Introduction to Hydrogen Fuel Technician

In development

Introduction to Solar Photovoltaics-

Designed for to students to attain a basic knowledge and application of solar photovoltaic system operations

Maryland Home Improvement License Preparation

This course is designed for students working in the home performance industry to understanding Maryland laws for operating a contracting business.

Pepco

This course is designed for students to attain the basic skills for electrical and residential wiring.

Weatherization Technician

The building science knowledge and specialized techniques learned from this program will give you the skills necessary to perform weatherization installations

Program Training Leading to Career Options



**Building Performance
Institute**

Solar Photovoltaics

Weatherization

**ASE L3 -
Hybrid/Electric
Vehicle Specialist**

**Maryland Home
Improvement Licensing
Prep**

Electrical Training

**Hydrogen Fuel
Technician**



Partnerships and Advisory Board

SEWDP's partners and advisory board is comprised of a diverse group of community, faith, government and corporate representation. We are actively seeking new partners and advisory board members.

Partners

- Dai Technologies
- JD Clark Professional Services
- Employ Prince George's
- Pepco
- Washington Gas
- Pohanka Automotive Group
- MCN Build Mid-Atlantic
- WSSC

Advisory Board Members:

- Sheryl Ponds – Dai Technologies
- Tisa Clark – JD Clark Professional Services
- Lakeesha Carr – Washington Gas
- Rick Munford – MCN Build Mid-Atlantic
- Jacqueline Goodall – Town Administer, North Brentwood
- Stan Mosley – Town Administer, Seat Pleasant
- TBD – Pepco

Anthony Cox

540-230-3432 ● acox@chpc2.org ● Radford, VA, 24141

SUMMARY

Experienced instructor and educational leader skilled in evaluating needs and developing student-focused training strategies, teaching aides, materials, and lesson plans in the Weatherization and Home Performance Industry. Proficient in involving, motivating, and leading students to achieve classroom, lab, and field training goals.

SKILLS

- Weatherization
- HVAC Diagnostic Testing
- Consulting & Training
- Customized Trainings
- Computer Skills
- Energy Modeling Software

EXPERIENCE

Building Science Manager/Lead Trainer

Community Housing Partners | Christiansburg, VA | 1999 - Present

- Helped to make Community Housing Partners, Energy Solutions Research and Training a well-respected and internationally known training organization by being involved in training over 50,000 people in the Weatherization and Home Performance Industry.
- Further developed and increased sales of House of Pressure & Heat Air Moisture training models which are now used in over 100 businesses, training organizations and weatherization programs in the United States and Canada.
- Strive to continually develop training aids that improve quality and efficiency of training.

Technical Coordinator

New River Community Action | Christiansburg, VA | 1990 - 1999

- Organized and maintained an accurate perpetual inventory system.
- Worked in the field to improve health, safety, comfort, and durability in weatherized homes.
- Developed skills as Energy Auditor, Educator through training, experience, and presenting at regional and national trainings on the topics of Building Science and Heating System Safety.
- Created House of Pressure training model to demonstrate Weatherization/Home Performance testing.

EDUCATION AND TRAINING

Associate of Science: Business Management

New River Community College | Dublin, VA | 1989

Certifications/Achievements

- BPI (BA)
- Home Energy Professional Certifications (EA, CL, QCI)
- Master HVAC License
- Universal Refrigeration Certification
- National Weatherization Recognition Award | D.O.E. | 2005
- Linda Wigington Leadership Award | Home Performance Coalition | 2016
- Past board & Secretary | Association of Energy Conservation Professionals | 16 years

BRADLEY STRAHM

bradley.strahm@chpc2.org | 540.520.0566 | linkedin.com/in/bradley-strahm

CAREER PROFILE – BRAND, MARKETING, & PROJECT MANAGEMENT

Senior-level brand, marketing, project, and product management professional. Experience leading and developing teams focused on meeting client-specific objectives. Proven record of sales growth and project success through proactive and collaborative management practices.

PROFESSIONAL EXPERTISE

Brand Management / Project Management / Product Management / Team Management / Tradeshow and Event Management / New Business Development / New Product Development / Brand Strategy / Project Forecasting / Sourcing / Strategic Product Planning / Cross-Functional Collaboration / Communications / Evaluation and Analysis / Vendor Relations / Marketing and Outreach Strategy

EXPERIENCE

Business Development Manager | Community Housing Partners **2021 – Present**
Christiansburg, VA

- Trusted with the development and execution of a comprehensive marketing and outreach strategic plan to amplify messaging and brand awareness.
- Responsible for establishing and maintaining partnerships with key stakeholder groups in support of CHP's mission and strategic objectives.
- Administer creative and collaborative marketing and outreach tactics to advance our reach, connect with additional clients, and to meet production demands.
- Direct internal and external communications through multiple channels for employees, clients, partners, stakeholders, media, and more.
- Develop strategy for the creation and implementation of all branding and creative assets.
- Accelerate new business opportunities through various networks, including program implementation, subcontractor recruitment, stakeholder partnerships, and new avenues of growth.

Senior Brand Director | Princeton Tec **2016 – 2021**
Pennsauken, NJ

- Directed global brand strategies, new business development, and product & market analysis of personal lighting products for the international outdoor, military, scuba, and industrial markets.
- Cultivated export distribution networks and outside sales agencies for increased domestic and international brand awareness.

- Expanded international market by 20% and \$1 million of additional sales.
- Developed new product ideas and collaborated with Engineering and Purchasing departments from concept to completion.
- Launched 11 new products with proven sales history and consistent revenue generation.
- Managed all facets of industry tradeshows and related marketing ventures.

Division Manager | Princeton Tec

2012 – 2016

Pennsauken, NJ

- Directed the domestic & international scuba markets and responsible for continued market influence and leadership.
- Managed an independent team of outside sales agencies and representatives.
- Collaborated with Marketing and Creative departments for all division branding, advertising, and marketing collateral.

Brand Manager | Henderson Sport Group

2006 – 2012

Millville, NJ

- Headed management, sales, and brand & product development for the NeoSport wetsuit brand division.
- Achieved a 25% brand sales growth over six years resulting in over \$4 million of increased sales.
- Supervised inside and outside sales, customer service and creative departments.
- Responsible for overall development and execution of the brand aesthetics and marketing.
- Created relations with key accounts (i.e., Amazon, REI, Dicks Sporting Goods, GSI Commerce) by fostering relationships and maximizing account success.
- Created over 200 unique products from concept to market.

Sales Manager | Henderson Sport Group

2004 – 2006

Millville, NJ

- Managed all sales in three distinct wholesale specialty markets (Outdoor, Scuba, & Triathlon).
- Responsible for hiring, training, developing, and managing a team of 20+ independent sales representatives.

EDUCATION

Stockton University | B.S. in Environmental Science

2003

Galloway, NJ

- Volunteered on multiple environmental research projects.
- Member of S.A.V.E. (Stockton Action Volunteers for the Environment).

Brett W. Hood-Resume

Professional Summary

Dedicated to energy conservation, energy equity, and promoting clean energy. Passionate about helping low-income individuals obtain assistance in a wide variety of applications in the hopes that poverty and disadvantage continue to reduce. Extensive experience in construction, energy assistance programs administration and implementation and employee management.

Skills

Construction Knowledge, including On-site production, reading building plans, knowing building codes.

Project Management: Scheduling, ordering, managing subs and employees, quality and production.

Leadership and Supervision: Leading employees in team work, resolving issues and promoting EQ.

Funded Programs: Government and Utility funded, eligibility, monitoring and achieving program metrics.

Certifications: BPI Building Analyst, Energy Auditor and QCI. DPOR licensed Residential Building Energy Analyst. Construction Manager. Building Rehab Specialist. Responsible Party for CHP's WV Contractor's License.

Work History

Community Housing Partners, 02/2010 to present

- Assistant Director of Operations
- Past positions include Housing Rehab Specialist, Senior Project Manager, Senior Manager
- Managed, structured and organized subcontractor systems of contracting, management and performance.
- Managed VA Weatherization Production in various regions covering 26 counties.
- Managed BPI credentialed Energy Auditors, performing energy audits for CHP Weatherization territories covering one third of VA, 30 counties.
- Managed aspects of programs to include Weatherization, Utility Funded Energy Assistance Programs, DSS Crisis Heating Program, various Emergency Home Repair for Low Income programs, and several Multi Family Energy retrofit projects, Weatherization Deferral Repair Program (WDR).
- Supervision of Employees to include daily schedule and performance, Yearly Performance Goals and Plans, Safety and Discrimination Education and compliance, Conflict Resolution, Performance issue coaching and improvement.

Winfield LLC, Owner/General Contractor, 2008 to 2010

Rockbridge Premier Construction, LLC, Owner/General Contractor, 2004 to 2008

15 years Construction experience at various companies.

AREAS OF STRENGTH AND SKILL SETS

- Process Refinement
 - Team Development
 - People Management
 - Resource Planning
 - Process Standardization
 - Project Delivery
 - Project Planning
 - Functional and System Analysis
 - Microsoft Excel
 - User Support and Requirements Assessment
- **Software and Applications:** MS Office Suite including MS Dynamics365, MS Project, and MS Visio. G Suite, Salesforce, Smartsheet, Alteryx, Redmine, PeopleSoft, SAP, ADP, Ceridian, Deltek, Taleo, Cognos, numerous payroll and carrier systems
 - **Languages and Tools:** Excel Macros with VBA, Visual Basic, SAP Query, ADP Reports and Enterprise Query, ReportSmith, Ceridian PowerQuery, Impromptu for Deltek reports, PS Query and SQR, Application Designer, TOAD, SQL, Cognos
 - **Professional Training:** ADP for Employee Self-Services and Management Self-Service administration within Enterprise; Oracle University for courses in PeopleTools, PeopleSoft Security, and PeopleSoft ePerformance

EDUCATION

BS Degree in Business Information Technology with emphasis on Computer Based Decision Support Systems

Virginia Polytechnic Institute and State University (Virginia Tech)

May 2002

EXPERIENCE

Community Housing Partners, Inc. – Affordable housing and weatherization for energy efficiency

Senior Manager, Operations

December 2021 – July 2022

- Support all lines of business within Energy Solutions department at all levels including
- Oversee Marketing and Outreach along with Data and Systems resources for enablement
- Strategize with senior leaders to align for go-forward operations

Solutions Specialist

December 2021 – July 2022

- Assist in development and management of comprehensive project and client databases for energy efficiency programs.
- Collaborates with CHP Energy Solutions business leaders and support teams to develop standardized systems, protocols, and procedures to improve the efficiency and effectiveness of program processes.
- Responsible for analyzing contracts from multiple agencies to ensure contract details are reviewed with a long-term goal of standardizing contracts.
- Lead material, supply, and equipment procurement for all business lines.
- Oversee fleet management of CHP Energy Solutions vehicle maintenance and resource management.
- Coordinate with IT department to manage CHP Energy Solutions information technology asset inventory, procurement, and replenishment.
- Assist with annual budgeting process.

PlanSource, Inc. – Benefits software and client support

Director, Professional Services

July 2020 – November 2021

- Created, led, and drove growth of new Professional Services department.
- Responsible for project oversight of implementation of ACA, COBRA, Call Center, Dependent Audit, Data Conversion, and Flexible Reimbursement Account services.
- Oversaw documentation and process flow review of six major services and six variations.
- Analyzed, oversaw, and trained on standardization of delivery methodology for services.
- Collaborated with Support and Leadership teams for process improvement and client experience.
- Formulated cross training plan for maximum efficiencies.
- Planned and trained for surge hiring periods for 8x volume in Q4 across multiple positions, both client facing and technical.
- Organized and strategized to take over 200 excess projects in backlog to successfully implement ACA services for IRS filing, \$5M topline revenue impact.

- Led team to identify, run proof of concept trials, and test new data conversion tools for streamlining process time up to 50%, increasing client satisfaction, reducing risk of manual errors impacting bottom line and client experience.

Director, EDI

January 2017 – July 2020

- Collaborated with Account Management, Implementation, Service Delivery, Product and IT/Development teams to streamline business processes for enhanced client service and product delivery.
- Identified and implemented efficiencies to decrease timeline for programming and delivery of data files to external carriers.
- Automated processes to improve data integrity and ensure client data is accurately managed and audited.
- Built reporting and dashboards for daily managers and monthly reporting.
- Reviewed metrics of operational output to ensure processing teams are meeting target thresholds.
- Continuous capacity planning and workload evaluation across teams to increase or decrease offshore resources for client and internal support as needed.
- Acted as liaison for external brokerage partners, frequently participating in business reviews to solicit feedback for internal service delivery improvement.
- Oversaw creation of departmental metrics to present to Executive Leadership in monthly, quarterly and annual meetings.
- Managed multiple channels of client support teams, including EDI file teams, eligibility and data management, dependent verification service, and offshore resources who provide custom services for auditing, data conversion, and benefits support.

Next Generation Enrolment, Inc. – Third party benefits administrator

Director of Client Systems, Data, and Eligibility

March 2014 – January 2017

- Member of the Virginia Tech Local Employer Community Board for NGE.
- Opened office at the VT Corporate Research Center and partnered with Virginia Tech to initiate a part-time student VTData team, growing the program to include 12 students and part time team members in multiple states.
- Consolidated two departments comprised of six teams into a single department for increased efficiency.
- Managed multiple teams, which included Auditing, Eligibility, Systems, EDI, Programming, and VTData.
- Assisted in the requirements analysis and technical support for the ACA department, which produced multimillion dollar revenue in its inaugural year.

Altegrity, Inc. – Holding company for partners providing security and risk management, background screenings, and data recovery services

HRIS Manager

June 2013 – March 2014

- Managed dispersed teams who supported users with answering questions and resolving issues with corporate systems, to include ADP Enterprise, Deltek, SAP, Taleo Enterprise Edition, and SuccessFactors.
- Worked with various business functions to define and develop periodic and ad-hoc reports to support compliance and business specific needs, developing automated companywide HR metrics.
- Partnered with stakeholders in multiple departments to gather business requirements for interfaces.
- Evaluated, designed, and documented business and system processes and procedures to drive improvement and efficiency.
- Co-lead for new benefits vendor implementation for eligibility and payroll interfaces.

HRIS Project Manager

September 2010 – June 2013

- Participated in all phases of implementations including requirements analysis, design, testing and user acceptance to ensure the needs of the end users and business are met.
- Co-lead for new benefits vendor implementation for 2012 for eligibility and payroll interfaces for three ERP systems.
- Project lead to consolidate historical Ceridian data and PeopleSoft system data into ADP totaling over 20,000 lines of data.
- Led HR teams for ADP v5 security model design and implementation for trainings, roles, and security tree setup.
- Security admin for Taleo during upgrade to Taleo 10 and lead for ERP inbound and outbound interfaces.
- Developed and presented training as needed on the various systems.

Vangent, Inc. – Information management and strategic business process services catering to the federal government

HRIS Analyst

June 2009 – September 2010

- Developed standard functional design documents and specifications for project implementations.
- Managed the daily administration of the PeopleSoft HR system and worked with HR functional business partners to define, analyze and evaluate HR needs for services and developed, implemented, and executed recommendations.
- Determined priority and feasibility for implementation of changes; developed and managed project plans for changes and working with IS validates and tests programs and calculations.
- Developed and executed detailed test plans in support of system development.
- Functional resource and lead for the VTAS (Talent Acquisition Software) implementation and integration.
- Provided functional expertise and direction for a variety of professional HR system projects and developed end user training.

BearingPoint, Inc. – Management and IT consulting

Senior HR Consultant

March 2009 – June 2009

- Provided leadership, planning, project coordination and management for the operations of the PeopleSoft HR System.
- Oversaw the specification, development and implementation of new or redesigned components and customizations of the PeopleSoft ERP system, reports and policies and procedures for internal use.
- Ensured the development of proper training and documentation for the PeopleSoft system use and maintenance.
- Ensured SOX compliance and legal requirements are met to minimize company exposure to liability.
- Provided leadership to the HR Systems Team including talent selection and development.

HR Consultant

March 2006 – March 2009

- Supported the completion of internal and external auditing.
- Directed technical support and development regarding system enhancements, maintenance and integration to systems.
- Trained users on a project which implemented an automated online workflow that saved an estimated \$1 million for the company.

►Ethan Heslep

939 Hale Road NE, Check, VA. 24072

Phone: (540) 588-9429

E-mail: ethan.c.heslep@gmail.com

Profile

My objective is to join a dynamic company where I can leverage my skills and expertise to contribute to the enhancement of productivity and reputation. With over fifteen years of experience in weatherization and general contracting, including roles in general contracting, Army National Guard, weatherization, energy auditing, and quality assurance inspecting. I bring a unique blend of disciplines to the table. With every task given, I embrace change and even expect it. I strive to continually raise the bar with every task I am given. I seek to work in an environment that will challenge me further, while allowing me to contribute to the continued growth of this industry. I am truly fascinated about the subject of weatherization and how science plays a role in constructing a home. All things considered, I look forward to working with a company that promotes quality products and services, and provides me the opportunity to meet and exceed the assigned standards.

Education

- BPI Quality Control Inspector, Building Analyst, Energy Auditor, Envelope and Duct Leakage
- VA DPOR License - Residential Building Energy Analyst - 2722000043
- Energy Auditor training
- Lead Paint Renovator – EPA
- Quality Control Inspector – Classroom and Lab
- OSHA 10
- ASHRAE 62.2
- Weatherization Technician Fundamentals – Classroom and Lab
- NEAT / MHEA / HEAT Software
- Heating System Fundamentals – Classroom / Lab / Online
- Weatherization Management – online
- Retrofit Installer – online
- Manufactured Housing Fundamentals – online
- Crew Leader – online
- Client Education – online
- Army National Guard (ARNG) Combat Life Savor Course
- ARNG - HAZMAT Awareness / Operations
- ARNG – FEMA National Incident Management System
- ARNG – Equal Opportunity Course
- US Army Chemical School – Toxic Agent Training

- US Army Chemical School – Chemical Operations Specialist Course
- High School Diploma – Floyd County High School

Experience

Director of Utilities (July 10th, 2023 – Present)

Community Housing Partners

Lead implementation of specific utility sponsored DSM programs - APCo, CVA, DEV, WGL, HEC, ODEC

Assistant Director of Utilities (July 29th, 2022 – July 9th, 2023)

Community Housing Partners

Assist implementation of specific utility sponsored DSM programs - APCo, CVA, DEV, WGL

Manager of Operations – APCo LI Programs (February 2nd, 2022 – July 28th, 2022)

Community Housing Partners

Design, plan, and implement APCo LI-DSM programs

Building Science Trainer & Project Manager (September 25th, 2017 – February 1st, 2022)

Community Housing Partners

Project Manage TN & GA Quality Assurance / Building Science Trainer

Energy Auditor/Quality Control Inspector (March 2nd, 2015 – September 24th, 2017)

Community Housing Partners

Conduct energy audits and quality control inspections

Weatherization Technician (September 9th, 2013 – February 27th, 2015)

Community Housing Partners

Perform weatherization work on homes

Energy Auditor/Quality Control Inspector (January 4th, 2011 – September 4th, 2013)

Total Action for Progress

Conduct energy audits and quality control inspections

Weatherization Technician (October 13th, 2008 – January 3rd, 2011)

Community Housing Partners

Perform weatherization work on homes

General Contracting (August 18th, 2007 – February 1st, 2008)

Maintenance and More

Perform weatherization work on homes

Awards/Acknowledgements: Department of the Army – Army Achievement Medal



MARK F. JACKSON

550 Industrial Drive, Christiansburg, VA 24073
540-998-3194 email: mjackson@chpc2.org

PROFILE

- Senior Manager with over 35 years of extensive and diverse experience.
- Ability to direct complex projects from concept to fully-operational status.
- Goal-oriented individual with strong interpersonal skills and leadership capabilities.
- Organized, highly motivated, and detail-directed problem solver.
- Proven ability to work in unison with governmental agencies, contractors, and clients.
- Ability to quickly master new skill sets and successfully implement new programs.
- Skilled in conflict resolution and problem-solving related to group dynamics.

EDUCATION

- Virginia Polytechnic Institute & State University – Blacksburg, Virginia
Economics, 1991

PROFESSIONAL EXPERIENCE

Community Housing Partners Corporation

Vice President: 2009 – Present
Christiansburg, Virginia

- Responsible for overseeing the day to day operations of the CHP Energy Solutions team of 125 employees and more than 100 subcontractors responsible for weatherization of more than 7500 low income homes in Virginia annually.
- Developed a 12,500 square foot state of the art Weatherization and Energy Efficiency Training Center to deliver training and technical assistance across the U.S. and Internationally.
- Interface and develop relationships with multiple stakeholders to include local, state, federal and international partners
- Responsible for developing new business opportunities for CHP Energy Solutions resulting in 500% revenue growth over 5 years.

Weatherizers Without Borders

Chief Operating Officer / Vice President: 2012 – Present
Christiansburg, Virginia, U.S.

- Responsible for financial operations for WWB and its affiliates.
- Responsible for development of short and long term strategic, operational, service, financial and quality performance goals.
- Interface and develop relationships with multiple stakeholders to include international, federal, state and local partners.
- Develop and execute conferences and presentations to communicate WWB's mission to partners and stakeholders.

Shadowlake Village Development LLC

Project Manager/Managing Partner: 1999 – 2006

- Coordinated planning, development, construction, and marketing of a 30+ acre site with 33 private homes.
- Interfaced with general contractor, sub-contractors, local planning staff, regulatory agencies, financial institutions, architectural and engineering professionals, and clients.

Pizza Hut

Lead Regional Director: 1995 – 2008

- Responsible for 2-3 District Managers and development of Lead Restaurant General Managers.
- Led company in highest customer satisfaction scores for multiple years.
- Responsible for developing and maintaining multiple vendor contracts for the company.

RELEVANT EXPERIENCE & ACCOMPLISHMENTS**Program Development and Coordination**

- Developed an International Weatherization Training Center providing more than 10,000+ hours of energy efficiency, health and safety training annually.
- Successfully developed and managed construction of a 33-home residential green community.
- Secured funding and managed a \$6.5-million-dollar construction budget.
- Analyzed and managed financial plans for 102 restaurants totaling \$78 million annually.
- Developed and implemented new mapping system to decrease response times for local rescue squad.

Management/Supervision

- Directed recruitment, training and development of managers and 400+ employees.
- Received multiple company achievement awards for individual and team leadership.
- Stage Manager and Producer for two local musical theater productions.
- Successfully increased retention of salaried managers to highest percentage in division.
- Led training of multiple leadership, personal finance, managerial, and food safety classes.

Meghan McMillen

545 Slaughter Hill Rd. Indian Valley, VA 24105
540.239.6116 | mmcmillen@chpc2.org

EDUCATION

High School Diploma, Christiansburg High School
Liberal Arts-Did not receive degree, New River Community College
Christiansburg, Virginia

PROFESSIONAL EXPERIENCE

Director of Weatherization
Community Housing Partners

July 2020 - Present
Christiansburg, VA

- Manage and provide consultation to senior field staff, including review of job expectations, scheduling, personnel development, and the delivery of technical, customer service and quality standards.
- Oversee the design, planning and implementation and delivery of multiple programs across the state of Virginia, in accordance with regulatory, building code and other requirements.
- Work to manage turnover and increase retention by investing in the development of employees.
- Establish and build relationships with vendors, customers, agencies and funders to ensure smooth program management.
- Manage financial and operational objectives including the delivery of work, evaluation of production and quality.

Senior Manager
Community Housing Partners

November 2016 – July 2020
Christiansburg, VA

- Design, plan, implement and deliver programs with a leadership role. Development and/or management of vendor relationships.
- Achieve operational objectives including the delivery of work efficiently and effectively, evaluation of production, audit of work and reporting as required. Evaluate opportunities for operational improvement and initiate corrective actions as necessary.
- High level administrative oversight for the Crisis and Cooling programs and APCo utility program.
- Establish and build relationships with vendors, customers, agencies and funders to ensure smooth program management.
- Prepare for and point of contact for state initiated Financial Monitoring's. All have been successful with no findings.

Program and Administrative operations manager
Community Housing Partners

October 2009-November 2016
Christiansburg, VA

- Provides comprehensive administrative oversight to Energy Solutions including training, maintenance of all contracted and outsourced services, data collection and entry, customer service, communications, reporting and compliance with funding source requirements. Additional responsibilities include the supervision of all Energy Solutions administrative positions to include the NRV Outreach/Eligibility Coordinator, the NRV Administrative Assistant, the NOVA Administrative Assistant, the NOVA contracted Outreach Coordinator, and the CVA Administrative Assistant.
- High level administrative support for the Weatherization program, Crisis and Cooling programs, EHARP program and 3 utility programs (Dominion, APCo, Columbia Gas).
- Establish and build relationships with vendors, customers, agencies and funders to ensure smooth program management.
- Prepare for and point of contact for state initiated Financial Monitoring's. All have been successful with no findings.
- Work with HR to comply, track and process any new hires or separations.

Quality Department Administrative Assistant
Volvo

March 2006-August 2009
Dublin, VA

- Provide administrative support to the Quality Department at Volvo Trucks in Dublin, VA. Prepared reports, charts, graphs and presentations for the department and Quality Manager. Processed payroll, ordered supplies, organized customer meetings.
- Prepared for and participated in Quality Management System audits.
- Worked with other departments to ensure effective communication between the Quality Department and others.

SKILLS

- Management- Managed the administrative functions of 3 offices in VA. Direct supervisor for 4 full time employees and 1 contracted employee. Able to delegate duties as needed. Provide high level administrative support/management for 5 programs with over 5 million in revenue.
- Communication- Presenter/group leader for bi annual network meetings.
- Designated American Red Cross CPR/FA/AED instructor

Philip Hull

540-239-0917 ● phull@chpc2.org ● Salem, VA, 24153

SUMMARY

Growth oriented leader with over 15 years of management experience building a workforce. Successful in motivating, training, and developing team members to drive profitability.

Experienced instructor and educational leader skilled in evaluating needs and developing student-focused training strategies.

SKILLS

- Building Science
- Leadership
- Consulting and Training
- Project Management
- Business Development
- Communication

EXPERIENCE

Training Center Director

CHP Energy Solutions | Christiansburg, VA | 2010 - Current

- Oversee day-to-day operations for building science and weatherization training, proctoring, curriculum and development for the center and trainers.
- Project management of trainers, resources, remote classes, RFPs and curriculum development.
- Develop RFP responses for training requests.
- Developed schedules and managed over 30 trainers during ARRA.
- Facilitate and maintain working relationships with local, regional, and national partners.
- Coordinate with Assistant Training Center Director and staff to develop training related policies and processes to maintain high standards of quality.
- Former trainer for Building Science and BPI proctor (super proctor).
- Established groundwork for BPI training and testing at CHP Energy Solutions and off site training facilities (i.e. BPTC house)
- Facilitated the training / field mentoring of participants in the NCAF and ARC/FAHE grants

Technical Program Manager

Building Performance Engineering | Boone, NC | 2006 – 2010

- Certified BPI Professional, Trainer/Proctor and Proctor Trainer.
- Managed the Piedmont utility Energy Efficiency Retrofit infrastructure program.
- Organized volunteers, schedules, training, and materials for a regional utility program.
- Performed energy audits and quality assurance of contractor work performed.
- Managed program funds for proper distribution and completion of projects.
- Developed and implemented new Building Science classes.
- Contractor & equipment scheduling & procurement.

EDUCATION AND TRAINING

Masters: Industrial Technology (Building Science Concentration)

Appalachian State University | Boone, NC | 2008

Bachelor of Science: Industrial Technology Management (Minor in Business Administration)

Berea College | Berea, KY | 2005

Certifications

- BPI
- RRP
- CPR/First Aid
- BPI Proctor Trainer
- EOW Board Member

Robert C. Nutter, PE, MS, LEED Green Associate

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SOLAR PROJECT MANAGER

25+ years' experience developing and delivering innovative energy solutions to diverse clients. Utilize a systems view to examine problems and develop holistic solutions. Strong record of working within, building, managing, and leading teams. Highly motivated, enthusiastic, hardworking individual that sets goals to meet project and workload deadlines. Effectively communicates energy and sustainability concepts to a variety of audiences.

AREAS OF EXPERTISE

- Project Management
- Team Building Management and Leadership
- Analytical Skills
- Client Support
- Consensus and Collaboration Building
- Self Starter
- Renewable Energy Technologies
- Energy, Water Efficiency for Buildings
- Weatherization of Multifamily Homes
- Power Requirements Analysis
- Microsoft Windows, Office applications

SUSTAINABILITY EXPERIENCE

Professional Positions

Community Housing Partners | Christiansburg, VA | June 2018 - Present

Project Manager, Solar and Multifamily

- Lead and manage implementation of Dominion Energy Virginia (DEV) Income and Age Qualifying Solar program to income-qualifying households across Virginia. Built internal program and processes. Established partnerships with solar installers across Virginia. Oversee outreach to eligible customers in CHP's DEV-serviced territory. Collaborate with utility partners, home energy improvement service providers, regional municipal leaders, other regional nonprofit organizations. Installed nineteen systems to date, enabling an average 60% reduction in grid energy demand and emissions reduction of 1.47 tons of carbon dioxide equivalent.
- Oversee implementation of weatherization projects in low-income apartments across northern Virginia. Projects include HVAC replacements and tune-ups, LED lighting and low-flow water fixture retrofits, upgrades to attic and water fixture insulation, and energy audits.
- Investigate candidate properties to build business opportunities. Collaborate with program partners to execute initiatives that reduce residents' energy and carbon use in the most cost-effective manner.
- Develop strategic partnerships with like-minded nonprofit and volunteer organizations to maximize benefits to low-income tenants using varying types of funding, including grants and utility rebates.
- Conduct quality assurance inspections on job sites to insure compliance with regulatory agencies.
- Prepare timely and accurate reporting to CHP team members, supervisors, utility program partners.

Volunteer Positions

Sustainable Energy Systems for Developing Communities Workgroup, IEEE Power & Energy Society

| July 2015 - Present

- Chair of Sustainable Energy Systems workgroup. Lead team of diverse professionals compiling tools to build business cases, assess socio-economic impacts of clean energy systems. Organize and lead workgroup and task force meetings, monthly and at annual Society General Meetings.
- Develop toolkit to assess energy needs and potential for clean energy systems in developing communities. Co-authored research paper, "A New Toolkit for Energy Planning for Isolated Microgrids." Analyzed and compared capabilities and shortcomings of existing toolkits with new software application.

Arlington (Virginia) Energy Masters | Arlington, VA | September 2014 - Present

- Install LED lighting, other energy and water conservation and weatherization measures in low-income apartments. Saved over 221,000 kilowatt-hours, 6.2 million gallons of water since inception.
- Conduct quality assurance checks on measures installed by work crews.
- Educate county residents on energy and water conservation techniques.
- Teach energy conservation techniques to businesses, students and civic groups.

ADDITIONAL PROFESSIONAL EXPERIENCE

Whitney, Bradley, & Brown | Reston, VA | November 2016 – December 2020

AutoDISE Development Engineer

- Develop models of combat outposts to analyze energy needs and facilitate energy management.
- Consult on concepts for expansion of energy and water modeling software used by the military.

U.S. Army | Expeditionary Energy & Sustainment Systems | Ft. Belvoir, VA | June 1999 - September 2016

Lead Project Engineer | Tactical Systems Integration

- Lead Engineer, Network Integration Exercise

- Provided leadership and technical support to semiannual exercise using latest Army technologies.
- Reduced fuel consumption by 30% by designing and modeling energy network and providing engineering support to new Army tactical microgrid.
- Designed and supervised setup of 150-person base camp that used a mix of diesel generation microgrid and solar-hybrid energy sources to power housing, operations, force protection, HVAC.
- Coordinated on-site support for inaugural event. Organized and managed support team during critical test windows. Secured funding and provided administrative support.

- Project Leader, Central Power Solution

- Initiated, designed, and implemented revolutionary solution to efficiently power remote Army sites.
- Led teams of up to eight people to collect and analyze data, set up generation and distribution.
- Coordinated with system developers and users to design and establish power grid. Ensure all clients' needs are addressed, advised on energy conservation measures.
- Enhanced energy effectiveness and sustainability of remote field posts. Reduced acquisition costs by \$25,000 and fuel use by 38% while providing energy assurance and reduced risk of brownout.

- Project Leader, Joint Users Interoperability Communications Exercise

- Designed, implemented, and operated "Green Command Post" to demonstrate how portable renewable energy technologies can power a remote command post.
- Coordinated with users, exercise managers, local utility to ensure energy assurance to all systems.

EDUCATION AND ACCREDITATIONS

Master of Science, Environmental Policy and Management | University of Denver | November 2017

- Concentration: Energy and Sustainability
- Coursework: Renewable Energy, Green Building, Environmental Finance and Economics

Professional Engineers License | Commonwealth of Virginia

Residential Building Energy Analyst License | Commonwealth of Virginia

LEED Green Associate | U.S. Green Building Council

Bachelor of Science | Mechanical Engineering | West Virginia University | Morgantown, WV

Certifications: Program Management | Solar Photovoltaic Project Design and Development | Systems Planning, Research, Development, & Engineering | BPI Building Analyst

TRACI QUICK-VARGAS

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Results-oriented professional with extensive experience in project management, process optimization, and team leadership across diverse industries. Seeking a challenging role where I can leverage my expertise in analyzing, strategizing, and implementing solutions to drive operational efficiency and foster organizational growth.

EXPERIENCE

AUG 2022 – PRESENT

BUSINESS SOLUTIONS SPECIALIST, COMMUNITY HOUSING PARTNERS

Responsible for organizing, gathering, analyzing, and providing decision support information for all operations of Community Housing Partners' Energy Solution business lines. Provide accurate and timely analysis of processes and systems. Assisted with the implementation of Microsoft Dynamics 365, ensuring smooth integration and functionality across the organization. Responsible for user adoption, providing training and support to ensure effective utilization of the system. Maintain and update Dynamics, ensuring data integrity and system efficiency. Coordination of the annual Energy Solutions Summit, facilitating collaboration and knowledge sharing among stakeholders.

NOV 2021 – AUG 2022

SENIOR MANAGER, PROFESSIONAL SERVICES, PLANSOURCE

Revamped open enrollment renewal process through strategic project planning, staffing, and training initiatives, ensuring exceptional client experiences. Coordinated with diverse stakeholders to implement changes seamlessly and ensure a smooth transition. Managed a Renewal Team comprising a Program Manager, 2 Team Leads, and over thirty temporary resources during peak season, facilitating efficient operations despite a surge in workload. Developed comprehensive project plans, statements of work, staffing models, and training programs to optimize renewal processes. Successfully navigated surge season, handling 8 to 10 times the usual workload, particularly vital as many clients completed open enrollment for a January benefit start date.

JUL 2020 – NOV 2021

PROFESSIONAL SERVICES MANAGER, PLANSOURCE

- **Lead of Automation Tiger Team** responsible for reviewing current department processes to improve quality and efficiency via technology. 85% of recommendations were implemented or were in the process of implementation.
- **Implementation of Data Conversion Software.** Led the search for a data conversion tool to meet PlanSource's unique needs. Vetted over thirty companies and chose two companies for proof of concept, and thoroughly evaluated both before making a final decision.
- **Interim Manager for Launch/Implementation team** for 4 months during the busiest season of the year, Sept. – Dec. Supervised a team of 12 employees to onboard new customers.
- **Manager of Data Analyst/Auditing Team.** Continued supervision of a team of onshore and offshore data analysts to audit customer and system data, as well as complete custom reporting.

JAN 2017 – JUL 2020

EDI/DATA MANAGER, PLANSOURCE

- **EDI Coordinators:** Supervised, expanded and streamlined the role of the EDI Coordinator as a vital part of the PlanSource EDI team.
- **Carrier Connect Team:** Managed the interim carrier process until the EDI file is in production. Increased efficiency by 20%, utilizing Excel macros & customizing reports to pull data into carrier formats.
- **Data Analyst/Auditing Team:** Led a team of data analysts in completing custom reporting tasks, data importing, and auditing, ensuring accuracy and efficiency. Implemented Salesforce tools to assign, track and report on employee progress. Created efficiencies that saved the company \$100K/year in labor costs.
- **PSPS Flex/COBRA:** Managed the analysts responsible for the importing, exporting, and troubleshooting of data within the COBRA and Flex systems.

DEC 2006 – JAN 2017

SENIOR LEAD DATA ANALYST, NEXT GENERATION ENROLLMENT

- **Team Lead** of the Configuration, EDI and Reconciliation/Auditing Departments comprised of eight employees and four interns.
- **Open Enrollment Project Management:** Managed the back-end processes of Open Enrollment for 100+ clients, including preparing the platform for employee elections, submitting all elections to appropriate carriers, and post open enrollment auditing of carrier to system data.
- **System Configuration:** Configured new groups on the platform, updated client sites, and troubleshooted system issues, streamlined and organized processes.
- **EDI:** Mapped carrier structure to the system for carrier integration files, coordinating with both PlanSource and the carriers. Tested files once complete.
- **Reconciliation** of carrier invoices against the data in the system, remitting payment to carriers as necessary.

EDUCATION

BACHELOR OF SCIENCE DEGREE, AQUINAS COLLEGE

Graduated Cum Laude with a Double Major in Mathematics and Business Administration.

SKILLS

- Advanced Excel knowledge, including Pivot Tables, V- and X-lookups, and Power Queries.
- Working knowledge of Dynamics 365, Power Apps, and Power BI.
- Working knowledge of Salesforce, including reports and dashboards.
- Ability to work on multiple projects simultaneously.
- Highly organized individual who learns new tasks quickly.

REFERENCES

Available upon request

MONTGOMERY COLLEGE EXPERIENCE

MC is an accredited, public, comprehensive, open-enrollment community college offering 92 associate degree programs as well as certificate and continuing education programs. MC serves nearly 50,000 credit and noncredit students annually. Its Carnegie classification is Associates Colleges: High Transfer-Mixed Traditional/Nontraditional institution. Founded in 1946, MC provides residents with a high-quality postsecondary educational opportunity at a reasonable cost. The college serves the entire county with three campuses, workforce development training facilities, community engagement centers, and satellite instructional sites. MC is one of the most diverse postsecondary institutions in the nation and serves students from 155 countries via a variety of non- and for-credit programs. In fiscal year 2023, approximately 17,000 credit students and 25,000 noncredit students enrolled at MC, with 21% receiving a Federal Pell Grant. MC is a Minority Serving Institution, with designations as a Hispanic Serving Institution and an Asian American and Native American Pacific Islander-Serving Institution that excels at serving students who face social, cultural, and economic barriers.

MC GITE is a facility offering instructional programs in four primary areas: Automotive Technology, Building and Construction Technology, Digital Fabrication and Workforce Technologies. GITE programs are a direct result of ongoing partnerships with local business and industry to identify and respond to the technical training needs of our community. The 55,000 square foot GITE facility houses instructional laboratories, classrooms, a conference center, and faculty offices. The newest instructional laboratory at GITE is the Montgomery College Digital Fabrication Lab. This Maker Space/Fab Lab is a state-of-the-art facility that offers the community access to the latest technologies in digital fabrication. The Gudelsky Institute offers both credit and noncredit courses. Many of the courses offered at GITE are co-listed. That means credit courses are also available through MC noncredit Workforce Development & Continuing Education (WDCE) program. Students pursuing a degree or certificate can register for credit. Students interested in enhancing their current skills or gaining personal knowledge can register noncredit. GITE courses are taught via classroom instruction with practical, hands-on lab training. Options include both long-term and short-term training. On-site and off-site customized contract training is available. Program delivery options include short-term courses and workshops, and semester-long courses. An associate of applied science program is available, as well as certification preparation and certificate programs. We also offer customized contract training and continuing education courses. Programs run day and evening, weekdays and weekends, year-round. Apprenticeship training is also available and MC is a member of the Registered Apprenticeship-College Consortium.