



Chesapeake Conservation Corps 2019-2020 Corps Member Placements

James Batho, Maryland Environmental Service
Millersville, Anne Arundel County

James will serve his year at Maryland Environmental Service in the Geospatial & Engineering Services (GES) division, where he will support activities focused around stormwater planning, design, construction, and compliance projects as associated with National Pollution Discharge Elimination Systems (NPDES), Municipal Separate Storm Sewer System (MS4) requirements and the Chesapeake Bay Total Maximum Daily Load (TMDL). James will gain exposure to geographic information systems (GIS) and how GIS can be utilized in a multitude of situations. Prior to joining the Corps, James was working at Rice University's, Severe Storm Prediction, Education and Evacuation from Disasters (SSPEED) Center producing simulations for increased rainfall to create updated flood maps of Texas Watersheds. James is also a recent Rice University Graduate in Chemical and Biomolecular Engineering.

Amanda Bland, Alliance for the Chesapeake Bay
Annapolis, Anne Arundel County

Amanda, during her year of service with the Alliance for the Chesapeake Bay, will engage community, business, and governmental organizations in outreach events and hands-on projects. She will create outreach programming that responds to local interests, resulting in support of the long-term protection, conservation, and restoration of southern Maryland natural resources. Amanda is a recent graduate from Washington College where she majored in Environmental Studies with a minor in Chesapeake Regional Studies. Amanda frequently volunteers with Habitat for Humanity in her free time.

Patrick Boddicker, Howard County Office of Community Sustainability
Ellicott City, Howard County

During his year with the Corps Patrick will work with the Howard County Office of Community Sustainability. He will manage energy saving projects in Howard County buildings, take the lead on community engagement and outreach for the County by developing materials, and work on social media. Patrick will also coordinate tree plantings, work on the Roving Radish meal kit program, and do stormwater management field inspections as well. Patrick has a degree in Ecology and Environmental Biology with a minor in Math and Chemistry from Shippensburg University of Pennsylvania. He likes to volunteer at the local Humane Society as well as assist in stream cleanups when he is not at work.

Mairin Corasaniti, ShoreRivers
Easton, Talbot County

Mairin will serve her year at ShoreRivers' Easton office which serves the Miles-Wye and Choptank watersheds, where she will be the lead contact and organizer for each regions' respective volunteer water quality monitoring program. She will assist in submerged aquatic vegetation (SAV) monitoring by kayak and assist with ShoreRivers' two education programs; the Students for Streams program in Dorchester and Talbot County and Sturgeon Discovery in Talbot County. Prior to joining the Corps, Mairin worked at Washington College in various positions and interned with The Library of Congress. She is currently pursuing a degree from Washington College.

Samuel Dainton, The Nature Conservancy
Cumberland, Allegany County

Samuel, who double-majored in Environmental Science and Spanish at Mount St. Mary's University, hopes to strengthen and protect the Chesapeake Bay watershed in order to conserve habitat and aide in carbon sequestration. While at The Nature Conservancy he will assist with conifer restoration, old growth management, and prescribed fire implementation by joining their Cumberland-based Resilient Forest Program. Samuel will work on both restoration and community engagement projects among other things.

Tyrah Cobb-Davis, Frederick County Office of Sustainability and Environmental Resources

Frederick, Frederick County

Tyrah will spend her year with the Frederick County OSER, she will lead the creation, design, and implementation of a small BMP retrofit at a site identified and prioritized by the County's watershed assessments. She will also lead the creation of an anti-litter campaign through the design and installation of anti-litter signs and community clean-ups. Tyrah will assist with certifying Frederick County as a LEED community. Tyrah has previously worked with Maryland Coastal Bays Program and is a graduate from Randolph College with a degree in Environmental Science and a minor in both Math and Engineering.

Rachel Delbo, American Chestnut Land Trust
Prince Frederick, Calvert County

During her placement at the American Chestnut Land Trust, Rachel will lead groups of volunteers during litter clean up days to improve ecosystem health on various ACLT-managed properties. During her year, she will also train over 50 high school students in tree identification and forestry tool use, and will assist with analyzing, designing, and implementing improvements to old hiking trails. Rachel will also help to establish new hiking trails that minimize the impact on native wildlife habitat and improve hiker safety. Rachel is a recent college graduate from Mount St. Mary's University where she studied biology, with a focus on aquatic sampling and stream habitat assessments.

Benjamin Derlan, The 6th Branch
Baltimore, Baltimore City

Benjamin graduated from St. Mary's College of Maryland double majoring in Studio Art and Environmental Studies with a minor in Math. Benjamin was also in the AmeriCorps program with the Neighborhood Design Center in Baltimore. Throughout the next year Benjamin will serve as the first ever Oliver Community Farm (OCF) Manager. In this role, Benjamin will work as an integral part of the The 6th Branch team to manage daily operations at OCF including planting, site maintenance, crop cultivation, harvest coordination, and produce distribution along with community partners. The project provides a unique lens of community-based agriculture in Baltimore City.

Jacqueline Doerr, Sultana Education Foundation
Chestertown, Kent County

During her placement at Sultana Education Foundation Jackie will be co-lead Sultana's K-12 land-based programs and will support the 7th grade Watershed Watch program. She will also be taking the lead role in the daily care and maintenance of the Center's aquariums. Jackie recently graduated from Cornell University with a degree in Environmental and Sustainability Sciences with a concentration in Watershed Hydrology and Management. She also has experience studying red snapper management in the Gulf of Mexico.

Jessica Elliott, Chesapeake Conservancy
Annapolis, Anne Arundel County

Jessica will lead weekly communication efforts disseminating the latest research, news, and updates to the Partnership members. She will also use GIS skills to provide geospatial tools for consensus building. Jessica recently graduated from the University of Maryland, Baltimore County with a degree in Geography and Environmental Science. She is also a frequent volunteer at the Smithsonian Environmental Research Center, surveying sites on their 280,000-acre property in southern Anne Arundel County.

Callie Fishburn, C&O Canal Trust
Hagerstown, Washington County

Callie is a recent graduate from Hood College with a degree in Environmental Science and Policy, with a minor in Archaeology, and was an intern for the Frederick County Office of Sustainability and Environmental Resources. Throughout the next year Callie will lead environmentally focused education workshops, volunteer service activities, and outdoor recreational programming throughout the year. She will also lead a 5-week conservation jobs skills training program for youth aged 14-17 during the summer of 2020. Finally, she will assist with other NPS natural resources programs and projects at the C&O Canal, including deer management, GPS data collection, and rare plant surveys.

Maya Garrison, Howard County Conservancy
Woodstock, Howard County

During her placement with Howard County Conservancy, Maya will support their watershed report card program, a partnership with the Howard County Public School and NOAA. She will also participate in Master Naturalist training. Finally, she will assist with daily care and educational presentations of nature center animals including an eastern screech owl, corn snake, terrapin and grey tree frog. Prior to joining the Corps, Maya graduated from Coastal Carolina University with a degree in Marine Science and has since worked for the National Aquarium in Baltimore to develop education and outreach programs for underserved groups.

Catherine Gaudlip, Hood College: Center for Coastal & Watershed Studies
Frederick, Frederick County

Catherine recently graduated from Washington College with a degree in Environmental Science with minors in both Chemistry and Earth & Planetary Science. She has previously worked with ShoreRivers taking soil samples all over the eastern Shore. While at Hood College this year Catherine will be actively involved in collecting water quality data from several stream sites for analysis in the lab. She will monitor the installation of specialized vegetable rain gardens that are designed to capture roof-top runoff and provide sub-irrigation to the crops grown in newly installed community gardens.

Karlis Grauze, Patapsco Heritage Greenway
Ellicott City, Howard County

During his year Karlis will work with the Patapsco Heritage Greenway leading GIS work pertaining to the Patapsco River Valley and helping engage the Spanish-speaking community who utilize Patapsco Valley State Park. He will also be continuing with their pet waste behavior change project in Howard County. Karlis is a recent graduate from the University of Maryland with a degree in Philosophy, he has previously worked with Howard Ecoworks, Anacostia Watershed Society, and the National Aquarium in Baltimore.

Faith Haley, Accokeek Foundation
Accokeek, Prince George's County

During the course of Faith's year, she will be working with the Accokeek Foundation to help develop and implement an invasive management plan according to National Park Service standards. She will coordinate outreach efforts to recruit volunteers and coordinate and execute volunteer training and workdays. Finally, she will assist in the evaluation of Accokeek's 500+ acres of land to determine target species by location and priority of removal. Faith is a recent graduate from Salisbury University with a degree in Earth Science.

Chandler Joiner, Maryland Coastal Bays Program (Education)
Berlin, Worcester County

For her year at Maryland Coastal Bays Program Chandler will develop educational lessons to contribute to the first-ever Maryland Coastal Bays specific curriculum that will be accessible to the public on their website. Chandler will mentor middle and high school students on school environmental projects to empower youth and promote energy conservation and habitat restoration. Chandler is a recent Graduate from Rhodes College in Tennessee majoring in environmental studies. She previously interned with the Memphis and Shelby County Office of Sustainability.

Isabelle Ketcham, Severn River Association
Annapolis, Anne Arundel County

Isabelle is a recent graduate from Grand Canyon University with a degree in Environmental Science. She is interested in water resources and hopes to gain professional experience from this program. This year she will help the Severn River Association to develop water quality and habitat assessments of the Severn River watershed, its tidal and non-tidal creeks, wetlands, marshes, bogs, natural areas, shorelines, forests, fisheries and restored oyster reefs. She will use these assessments to create community outreach efforts that explain the various challenges to the Severn river's water quality.

Charles Kreizenbeck, American Chestnut Land Trust
Prince Frederick, Calvert County

Charles graduated from St. Mary's College of Maryland with a degree in Studio Art. For his year with the Corps, Charles will lead groups of volunteers during litter clean up days to improve ecosystem health on various American Chestnut Land Trust managed properties, learn to operate and maintain their equipment such as chainsaws, weed whackers, mowers, and ATVs. He will carry out the daily operations on their one-acre sustainable agriculture farm; Double Oak farm is currently volunteer-run and donates an average of 4,000 pounds of produce to a local food bank annually. Finally, Charles will complete the Maryland Master Naturalist program and complete 40 hours of volunteer service.

Ethan LaLumia, ShoreRivers
Chestertown, Kent County

Ethan will serve his year in the Chestertown office where he will assist with the development and execution of Chestertown and Washington College's sustainability plans and increasing

green infrastructure in the Chestertown Marina complex. He will also assist with ShoreRivers' 9th grade Students for Streams program in Kent and Queen Anne's County High Schools by co-leading field trips to the Sassafras Education Center. Ethan will coordinate in class lessons focusing on expanding school programming and partnerships in Cecilton and Galena Elementary Schools, including schoolyard restoration projects. Prior to joining the Corps, Ethan graduated from Washington College with a degree in Environmental Studies and a minor in Business.

Hadijah Lawal, Anne Arundel County Department of Recreation and Parks – Jug Bay Wetland Sanctuary

Lothian, Anne Arundel County

Hadijah will support the ongoing effort to control invasive woody plants in meadow habitats through prescribed grazing. She will support and collaborate with the Anne Arundel County Weed Resistance volunteer program to implement projects and/or trainings and support the monitoring of Jug Bay's deer population. Hadijah will also develop an outreach plan to increase participation of people of color in public programming and conduct a pilot project to assess success. Hadijah graduated from Emory University with a degree in Environmental Science. Recently she has worked with Education Consulting Services as a STEM innovation intern.

Nicholas Long, National Aquarium

Baltimore, Baltimore City

Nicholas will work within the conservation department at the National Aquarium focusing his activities and effort on Climate Change and Resiliency; and Urban Conservation and Diversity. He will work alongside Aquarium staff in engaging with community volunteers in planting 30,000 native grasses and shrubs at the Naval Air Station in Virginia Beach. He will have an opportunity to lead student classroom activities in Worcester and Wicomico counties and plant trees at Nassawango Creek Preserve with these students. Nicholas recently graduated from Dickinson College in Pennsylvania where he studied Biology. Prior to the Corps, he has worked at many organizations including the New England Aquarium and Massachusetts Audubon's Drumlin Farm Wildlife Sanctuary.

Deaven Maull, Environmental Concern (Education)

St. Michaels, Talbot County

Deaven recently graduated from Washington College with a degree in Environmental Science. Throughout college she studied abroad in Bermuda performing fish and coral surveys, Ecuador to study its vast biodiversity, and Tanzania working with conservationists and indigenous peoples. This year with Environmental Concern, Deaven will be educating the public about Monarch Butterflies and the importance of creating and restoring Monarch Butterfly habitat. She will also be planting milkweed species and pollinator species in habitats; including schoolyards, home gardens, community properties, and local restoration projects and will begin inventorying the existing milkweed populations.

Christian Meoli, Audubon Naturalist Society

Chevy Chase, Montgomery County

During Christian's year in the Corps he will support efforts to restore the habitats of Woodend Nature Sanctuary through invasive species management, restoration planting, habitat surveys and wildlife monitoring. He will also engage the public on issues of conservation and environmental quality in the region, using Woodend as a demonstration site. Finally, he will lead groups of volunteers in the mechanical removal of invasive shrubs and vines and perform cut stump treatments of glyphosate and triclopyr to invasive shrubs. Christian is a recent graduate from the University of Mary Washington with a degree in Environmental Science and

Geography. He has experience working as a GIS intern for the City of Fredericksburg in Virginia.

Samantha Myers, The Nature Conservancy
Bethesda, Montgomery

Samantha recently graduated from Washington University in Missouri with a degree in Environmental Biology and a minor in Music. Samantha has had significant field work experience from her time in college. While at The Nature Conservancy this year Samantha will be sent to a Wildfire training academy, a week-long class offered by the Maryland Department of Natural Resources (DNR). Samantha will also assist with spring and fall prescribed burns, which are in various locations throughout the state.

Emma O'Donnell, Carrie Murray Nature Center
Baltimore, Baltimore City

Emma will assist the Carrie Murray Nature Center and will lead restoration projects with volunteers. The Center has several restoration projects prioritized for 2019 to 2020 including restoring an ADA trail path, restoring an ADA path for viewing the native birds of prey in the outdoor aviary, and installing native plants in a new nature play space. She will also assist with environmental field trips with students ages 5-17 using existing curricula for seasonal topics including bees and pollinators, stream studies, and native wildlife. Emma is a recent graduate from Washington College with a degree in Environmental Studies and has previously worked with the National Aquarium, the Delaware Center for the Inland Bays, and Delaware DNREC.

Virginia Parker, Maryland Coastal Bays Program (Restoration)
Berlin, Worcester County

During her year of service Virginia will assist with the Ilia Fehrer Wetland Restoration and Assateague Island Living Shoreline Projects. She will also serve as the Oyster Gardening Program Lead, collecting oyster cages from community volunteers, determining growth rate, refilling cages with new spat on shell, and distributing grown oysters to restoration sites. Virginia will also lead water quality monitoring efforts, where she will obtain water samples at 8 sites monthly using specialized equipment. Finally, she will assist the science team in monitoring marsh health throughout the watershed using Mid-Atlantic Tidal Wetland Rapid Assessment Methods (Mid-TRAM). Virginia is a recent graduate from Washington College with a degree in Environmental Science. She previously interned with NOAA's Pacific Marine Environmental Laboratory.

Robert Pavlik, Audubon Naturalist Society
Chevy Chase, Montgomery County

Robert recently graduated from the University of Maryland, College Park majoring in Environmental Science and Technology. Robert also interned with Arundel Rivers Federation (Formerly South River Federation). During his time with Audubon Naturalist Society he will aid in invasive species management, restoration planting, habitat surveys, and wildlife monitoring of Woodend Nature Sanctuary. Robert will also help to address issues of conservation and environmental quality in the region, using Woodend as a demonstration site. Lastly, he will assist the Director of Restoration in creating an annual restoration planting plan.

Jacqueline Pickford, Eco City Farms
Edmonston, Prince George's County

During her year at ECO City Farms, Jacqueline will assist in all facets of farming operation, working alongside urban farmers at both the Edmonston and Bladensburg farm sites. She will also assist in the monitoring and maintenance of the ECO City Farms' compost and vermi-compost. Lastly, Jacqueline will aid the Youth Educator in conducting the 2019 SEED 2 FEED

Summer Youth Program, farm tours, farm to school visits, and after school programs. Jacqueline recently graduated from James Madison University with a degree in Integrated Science and Technology.

Sajoy Pottian, Allegany County Commissioners
Cumberland, Allegany County

Sajoy will spend his year with the corps with the Allegany County Commissioners and will supervise residents at the Allegany County mulch site and control littering and illegal dumping at the site. He will also help organize the Biennial Household Hazardous Waste Event where he will be tasked with engaging with partner organizations, increasing public awareness, organizing the site, and working at the actual events. Lastly, he will be developing and conducting surveys to assist in future decisions related to recycling practices in Allegany County. Sajoy recently graduated from Trinity University with a degree in Environmental Studies and Geosciences. Sajoy also studied abroad in China working on geographical basin systems.

Samara Pyfrom, Patuxent River Park
Upper Marlboro, Prince George's County

Working at the Patuxent River Park this year, Samara will aid in education program facilitation, and organization, including becoming involved with visiting classes, students, and field trips. She will also assist with the replanting of Wild Rice in the marshes of the Patuxent. To assist interns with the monitoring of wood duck boxes, Samara will be trained to operate a small job boat. She will use GIS to map invasive species throughout 7,000 acres and facilitate the removal of invasives and the replanting of native plants. Finally, she will lead the management of properties in Prince George's County that are used for native pollinator meadows. Samara most recently worked with the Smithsonian Environmental Research Center and recently graduated high school from South River High School in Anne Arundel County.

Rachel Scott, U.S. National Park Service
Annapolis, Anne Arundel County

During her year in the Corps, Rachel will work with the U.S. National Parks Service, and will assist with the implementation of the U.S. National Park Service's new Junior Ranger program for the Chesapeake Bay Gateways Network. She will also support outreach efforts through the Kids in Kayaks program and with Roving Ranger events. Rachel attended Towson University where she recently received a degree in Organismal Biography and Ecology.

Megan Sinclair, Frederick County Office of Sustainability and Environmental Resources
Frederick, Frederick County

Megan will work at Frederick County Office of Sustainability and Environmental Resources during her year with the Corps, where she will select and complete willow stake plantings at stream restoration sites, organize and manage a Creek ReLeaf or other community volunteer tree planting on publicly-owned land, and lead an effort to identify renewable energy projects around the County by creating an interactive application (i.e Story Maps or Geocaching Trail) to engage citizens on the different ways to implement renewable energy practices. She will also identify and prioritize problematic sites with large invasive species densities and plan an invasive species removal workshop or event through the Green Leader Brigade. Megan recently graduated from Salisbury University with a degree in Environmental Studies and a minor in Earth Science. She also studied abroad in the Caribbean studying marine protected areas.

Nicholas Sparacino, Environmental Concern (Restoration)
St. Michaels, Talbot County

Nicholas will serve his year at Environmental Concern, where he will assist with all aspects of

nursery propagation including seed propagation of herbaceous and woody plants, cutting/-asexual propagation of shrubs, and potting. He will also assist in all aspects of restoration, including site assessments, surveys, design, construction, planting, and monitoring. Nicholas is a recent graduate from Wingate University with a degree in Environmental Biology.

Katherine Stahl, U.S. Fish and Wildlife Service

Annapolis, Anne Arundel County

Katherine attended school at the College of William and Mary where she double majored in Biology and Environmental Science. While at the U.S. Fish and Wildlife Service she will assist with site assessment, surveying, construction oversight, pollinator or tree planting, and other logistics associated with projects pertaining to wetland restoration. She will also assist with bird nesting surveys, small mammal surveys, marsh vegetation surveys, and surveys of submerged aquatic vegetation in the nearby shallow waters. Katherine will also conduct wildlife surveys for federally threatened and endangered species including monitoring and implementing bog turtle, red knot, piping plover, Indiana Bat, Northern Long Eared Bat, and monarch butterfly restoration strategies.

Christina Thomas, Susquehanna Heritage Corporation

Wrightsville, York County, PA

Christina will assist in producing the Zimmerman Center Heritage Lecture Series and associated interpretive materials for the Captain John Smith Chesapeake National Historic Trail (CAJO). She will also develop and deliver educational programs focused on CAJO-related interpretive themes. Christina recently graduated from Pace University double majoring in Environmental Studies and Economics.

Aubryn Walters, USFWS Patuxent Research Refuge

Laurel, Prince George's County

During her year with the U.S. Fish and Wildlife Service's Patuxent Research Refuge, Aubryn will conduct on-site and off-site Environmental Education (EE) programs and Interpretive Programs for visitors of all ages. She will also assist with community engagement and outreach for the Urban Wildlife Refuge Partnership at Masonville Cove in Baltimore, MD. Aubryn recently graduated from Willamette University in Oregon with a major in Environmental Science and a minor in politics.

Briana Yancy, Maryland Department of Natural Resources

Annapolis, Anne Arundel County

During her Corps year, Brianna will work with the Maryland Department of Natural Resources where she will be monitoring submerged aquatic vegetation (SAV) in Maryland's portion of the Chesapeake Bay and its tributaries. She will also assess the impacts of shoreline hardening and living shorelines on SAV habitat as well as the impact of invasive cyanobacteria on SAV recovery and resilience. Finally, she will be managing and analyzing SAV data and preparing press releases, reports, and communication materials for resource managers, funding partners, and the general public. Briana has worked with several other regional environmental organizations including the Patuxent Wildlife Research Refuge, Salisbury Zoological Park, and The National Aquarium in Baltimore.

