

## Travis Lageman

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### EDUCATION

#### University of Maryland, Baltimore County (UMBC)

M.S. in Geography and Environmental Systems, GPA: 4.00/4.00

Baltimore, MD

May 2019

#### Binghamton University

B.S. in Biochemistry, GPA: 3.41/4.00

Binghamton, NY

May 2014

### SKILLS

**Grant Writing:** Developed community-initiated grant proposals for during Peace Corps Service

**Mapping:** ArcGIS – basic map making, GeoDatabases, Spatial Analysis, Raster Analysis, Georeferencing; QGIS – SQL, 3-D Mapping; GeoDa – Spatial Regression

**Language:** Spanish: 10+ years, conversational; Asante Twi: 2 years, Intermediate Mid competency

**Computer:** R/R Studio; STATA; Python 3.3 (basic); Adobe Photoshop; Microsoft Office; PyMol molecule visualization

### PUBLICATIONS AND PRESENTATIONS

**Baltimore G.R.O.W. Center Report**, Department of Public Works (online)

January 2018

**G.R.O.W. Center**, USDA Forest Service/Humanim Urban Wood Academy (oral)

December 2018

**G.R.O.W. Center Progress Report**, Urban Waters Partnership Meeting (oral)

December 2017

**G.R.O.W. Center Progress Report**, Baltimore DPW Senior Leaders Meeting (oral)

December 2017

### RELEVANT EXPERIENCE

#### Department of Public Works

Baltimore, MD

*Green Resources and Outreach for Watersheds (GROW) Center Coordinator*

July 2017 – May 2019

- Led development of GROW Center project to promote stormwater management, vacant lot revitalization, waste reduction, and an increase in urban tree canopy for city residents
- Coordinated and managed 23+ organizations including government agencies, non-profits & community groups to hold 4+ GROW Center pop-up events biannually
- Liaised monthly with USFS and other “community greening” authorities for technical support
- Developed goals and data collection methods for program evaluation, monitoring and reporting
- Budgeted all programmatic activities and oversee necessary payments
- Engaged numerous communities, partners and agencies in GROW Center event promotion and development
- Delivered progress and programmatic reports at stakeholder meetings and online forums
- Analyzed program data to create informative maps and advise programmatic decisions via GIS software

#### UMBC Shriver Center

Baltimore, MD

*Peaceworker Fellow*

July 2017 – May 2019

- Practiced professional development through various workshops from budgeting to facilitation
- Engaged community residents in organized activities, presentations and interviews
- Assisted local and other non-profit organizations with community events
- Co-facilitated and participated in weekly seminars to explore social issues in Baltimore City
- Explored the influence of historical context on urban conditions
- Counseled prospective Peace Corps Volunteers and Peaceworker Fellows as requested

**Peace Corps**

*Science Education Volunteer/Peace Corps Volunteer Trainer*

Sekyedumase, Ghana

May 2015 – July 2017

- Prepared and administered Chemistry lessons and examinations to secondary level (9-12<sup>th</sup> equivalent) students on weekly basis
- Developed and delivered technical training sessions to incoming Peace Corps trainees
- Provided technical feedback, cross-cultural support and mentorship to Peace Corps trainees
- Co-facilitated HIV/reproductive health trainings with Ghanaian teachers for Ghanaian youth
- Organized Ghanaian farmers associations and co-facilitated technical trainings with local Agriculture Officers and community leaders
- Collaborated on and delivered environmental and sanitation activities for Ghanaian youth
- Liaised with local stakeholders to solicit support from various organizations for school and community projects
- Assisted other volunteers with facilitation and led a student group at a leadership camp for graduating high school seniors
- Revitalized school computer lab and initiated rebuilding of local Jr. High School with local teaching staff

**AmeriCorps; Central New York Area Health Education Center**

*Program Assistant*

Cortland, NY

May 2014 – August 2014

- Coordinated five health career exploration camps for 8<sup>th</sup>– 9<sup>th</sup> grade student participants
- Utilized online administration software to manage registration forms for 120 student participants
- Liaised between hospital coordinators and parent/guardians of student participants
- Collected data from camp participants to support program evaluation
- Delivered presentations and utilized health career exploration software to teach students about healthcare careers

**RESEARCH EXPERIENCE**

**Binghamton University; Chemistry Department**

*Independent Research*

Binghamton, NY

September 2012 – March 2014

- Conducted independent research in protein biochemistry with weekly check-ins
- Researched the autocatalytic self-splicing reaction of Hedgehog proteins using fluorescent reporters, kinetic assays, and other biochemical techniques

**SUNY Oswego**

*Research Assistant*

San Jose, Costa Rica

July 2013 – August 2013

- Employed organic chemistry research methods with research partner to study nicotine content in tobacco plants and cigarettes
- Co-presented findings at end of program conference to peers and staff
- Participated in cultural activities and practiced Spanish while living with host family

**VOLUNTEER EXPERIENCE**

**UMBC, Conservation Partner Program Volunteer**

September 2017 – June 2018

**Binghamton University, English Conversation Pair Volunteer**

October 2012 – May 2014

**UHS Wilson Hospital, Volunteer**

June 2012 – December 2013