

# Amanda M. Mainello

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5011 Falls Road Terrace • Baltimore, MD 21210

## EDUCATION

**Bachelors of Arts in Biology**

Anticipated graduation date: May 2016

**Bachelors of Arts in Public Policy**

Cumulative GPA: 3.38

Minor in Economics

Dean's List Fall 2014

St. Mary's College of Maryland (SMCM), St. Mary's City, MD

## REVELANT COURSEWORK

- **Biology major courses** (all with labs): Genetics, Plant Development Feeds the World, General Chemistry I and II, Organic Chemistry I, Plant Physiology, Ecology and Evolution, Microbiology (BSLII trained)
- **Electives:** Food Production Seminar, Environmental Ethics, Calculus I and II

## WORK EXPERIENCE

(Summer 2014, Summer 2015)

**Intern**, Maryland Agricultural Resource Council (MARC) • Cockeysville, MD

- Organized and taught various agricultural education programs including Farm Sprouts, introducing Pre-K children to farming; and Farm Camp, helping children ages 8-13 foster an appreciation for agriculture.
- Coordinated and managed various large events hosted by MARC including the Tractor Trot 5k, Charm City Yoga Festival, and Family Farm Day.
- Improved MARC's online presence and marketing efforts by regularly updating the Facebook page.
- Developed a virtual tour of the Farm Park using the mobile app, TaleBlazer.
- Developed a volunteer recruitment strategy, and secured volunteers for upcoming projects.

## RESEARCH EXPERIENCE

**Senior research project**, Biology St. Mary's Project (SMP) • SMCM

(Fall 2015-Spring 2016)

- Studying which species may be an effective phytoremediation species in herbicide contaminated areas in Maryland by hydroponically growing switchgrass, broadleaf cattail, rice cutgrass and exposing plants to atrazine.
- Cove Point Natural Heritage Trust's Ruth Mathes scholarship recipient for focus on preservation and protection of ecologically sensitive areas in Southern Maryland (Fall 2015)
- Experience with High-Performance Liquid Chromatography and R Statistics Program

**Lab volunteer** • University of Maryland, College Park

(Summer 2016)

- Assist PhD student on her research with cover crop mixtures.

## LEADERSHIP EXPERIENCE

**President**, Crew • SMCM

(Fall 2015-Spring 2016)

- Leads by coordinating team practices and regatta schedule, maintaining equipment, planning fundraising events, and coaching novice crew throughout fall and spring.
- Interviewed prospective coaches during transition from club level to Division III status and communicated with both coaches and school administrators about future team endeavors.

## SKILLS

- Strong public speaking skills
- Leadership and communication skills
- Writing skills
- Proficient in Microsoft Office programs