

**Dr. Tammy d'Artenay**  
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## **EDUCATION**

Ph D, Southern Illinois University, Carbondale, IL, 2011  
Major: Plant Biology  
Dissertation Title: Evolution of Male Gametes in Liverworts

BA, University of California, Berkeley, CA, 2005  
Major: Integrative Biology

## **TEACHING EXPERIENCE**

August 2025-Present

**Kent State University Geauga and Twinsburg Academic Center, Twinsburg, OH**

Assistant Professor of Biological Sciences

Selected Classes Taught: Human Anatomy and Physiology

August 2014-Present

**Penn State University Shenango, Sharon, PA**

Associate Teaching Professor of Biology

Classes Taught: Human Anatomy & Physiology I and II lecture and lab; Basic Concepts and Biodiversity; Human Body; Plants, People, and Places; Biology: Populations and Communities; Biology: Function and Development of Organisms; Environmental Science; Science of Sustainable Development; Introduction to Biology

January-August 2014

**Western Iowa Tech Community College, Sioux City, IA**

Adjunct Instructor

Classes Taught: Applied Mathematics, Environmental Science (hybrid)

August 2011-May 2014

**Morningside University, Sioux City, IA**

Visiting Assistant Professor of Biology

Classes Taught: Capstone (hybrid), Environmental Issues, Composition and Communication, Human Anatomy, Human Biology, Midwest Natural History, Natural History of Medicinal Plants, Plants and Society, and Principles of Biology I.

## TEACHING EXPERIENCE CONT.

January-May 2011

**Southern Illinois University**, Carbondale, IL

Senior Teaching Fellow

May 2008-June 2010

**Southern Illinois University**, Carbondale, IL / Red Bud High School, Red Bud, IL

NSF GK-12 Teaching Fellow

## SCHOLARSHIP

### Peer Reviewer of Manuscripts

- *The American Biology Teacher*, Reviewer. (January 2019-Present)

### Presentations Given

- d'Artenay, T. (May 2025). "Flipping the A&P Classroom: Lessons Learned," Human Anatomy and Physiology Society Annual Conference, Pittsburgh, PA, peer-reviewed/refereed, published in proceedings, Accepted. International.
- d'Artenay, T. (June 2024). "Testing for Antimicrobial Properties in Extracts of Skunk Cabbage, Gray Birch, and Daylily," Botany 2024, Grand Rapids, MI, peer-reviewed/refereed, published in proceedings, Accepted. International.
- d'Artenay, T. (June 2023). "Testing Anti-bacterial Effects of Cordyceps militaris," Society for Economic Botany, Emory University, Atlanta, GA, peer-reviewed/refereed, published in proceedings, Accepted. International.
- d'Artenay, T. (May 2023). "Sustainability at Penn State Shenango," Western Penn State Campuses Sustainability Forum, Sustainability Institute, Penn State DuBois. Regional.
- d'Artenay, T. (Co-Presenter, Penn State Shenango), & Shaffer, K. (Penn State Shenango). (August 2022). "Using Escape Rooms to Engage Students," Commonwealth Connections: Instructor Days, Commonwealth Campus Teaching Support, Remote, peer-reviewed/refereed, Accepted. Colleges.
- d'Artenay, T. (November 2018). "An integrated curriculum: using sustainable development to teach natural and social science," National Association of Biology Teachers Professional Development Conference, National Association of Biology Teachers, San Diego, CA, peer-reviewed/refereed, published in proceedings, Accepted. National.
- d'Artenay, T. (June 2018). "Integrating the UN Sustainable Development Goals into a lesson plan," Sustainability Curriculum Consortium Faculty Conference 2018, Sustainability Curriculum Consortium, Pittsburgh, PA, Invited. National.
- d'Artenay, T. (July 2015). "Architecture of the Mature Spermatozoid of Porella platyphylla," Botany 2015, Botanical Society of America, Edmonton, Alberta, peer-reviewed/refereed, published in proceedings, Accepted. International.

## **Contracts, Grants, and Sponsored Research**

- d'Artenay, T., Grant, "General Education Microgrant," Office of General Education, Penn State. Total requested: \$400.00, Amount Funded (Total or To Date, as applicable): \$400. (submitted: October 7, 2019, date funding awarded: October 11, 2019).
- d'Artenay, T., Grant, "Seed Grants for General Education Integrative Studies," Office of General Education, Penn State. Total requested: \$5,000.00, Amount Funded (Total or To Date, as applicable): \$5000. (submitted: February 23, 2017, date funding awarded: April 19, 2017, total start and end of funding: December 31, 2017).

## **Selected Development Activities Attended**

- "OL 3800.01: Excellence in Academic Advising, 2025," Penn State World Campus. (January 31, 2025).
- Commonwealth Campus Teaching Support, Penn State University, Commonwealth Connections: Instructor Days. (August 10, 2022).
- Educational Testing Services, Standard Setting for AP Environmental Science exams. (June 2021).
- Aquaculture in the Northeast Webinar. (February 1, 2021).
- Educational Testing Services, AP Environmental Science Grading Session. (2015 - 2019).
- "Sustainability Curriculum Workshop," Sustainability Institute, Penn State. (August 7, 2018 - August 8, 2018).
- Sustainability Curriculum Consortium, Sustainability Curriculum Consortium Faculty Conference 2018. (June 25, 2018 - June 26, 2018).
- "2018 Integrative Studies Seed Grant Workshop," Office of General Education, Penn State. (May 21, 2018).
- "Integrative Studies Sustainability Courses Workshop," Sustainability Institute, Penn State. (August 10, 2017).
- "2017 Integrative Studies Seed Grant Workshop," Office of General Education, Penn State. (May 15, 2017).
- Pennsylvania Association of Environmental Educators Annual Conference. (March 12, 2017 - March 13, 2017).
- "Writing for non-writing classes," Penn State Shenango. (January 6, 2016).

## **SERVICE**

### **Academic Leadership and Support Work**

- University College Teaching Line Promotion Review Committee, Elected. (August 2024 - Present).
- Campus Promotion Committee for multiple campus including Hazelton, Fayette, and Dubois (2021 - 2024).
- STEM Department Coordinator. (August 2022 - Present).

## **Academic Leadership and Support Work cont.**

- Future State Integrative Design Trichairs committee, Peer models and Academic Programs, Chairperson. (August 2024 - December 2024).
- Academic Committee for the Butler County Community College Co-Location Feasibility Study. (September 2023 - December 2023).
- Faculty Athletic Representative, Representative. (August 1, 2022 - December 2023).
- Teaching-Line Faculty Peer Reviewer. (2023-2024).
- Chair, Shenango Faculty Senate, Chairperson, Elected. (August 2023 - Present).
- Penn State Shenango Senator, University Faculty Senate, Representative, Elected. (August 2020 - May 2021).
- Shenango Faculty Senate, Vice-chair, Elected. (August 2017 - August 2020).
- Campus Ombudsperson, Penn State, Alternate, Elected. (August 2018 - July 2019).

## **Committee Work**

- Student Success Committee, Penn State, Committee Member. (May 2018 - Present).
- Search Committees including Faculty and Staff positions (2016-Present).
- Faculty Excellence Award, Chairperson. (August 2023 - May 2024).
- Outreach Committee, Secretary. (August 2021 - May 2023).
- Academic Affairs Committee, Member. (August 2018 - May 2023).
- Research and Faculty Development Committee, Committee Member. (August 2019 - May 2020).
- Earthfest Committee, Member. (January 2015 - May 2020).
- Research and Faculty Development Committee, Chairperson. (August 2015 - August 2019).
- Heart of Shenango Committee, Member. (January 2015 - January 2019).
- Educational Consultant, Aquaponics Project, Winner Corporation, Committee Member. (October 2017 - April 2018).
- Student Affairs Committee, Member. (August 2014 - August 2017).
- Research and Faculty Development, Member. (August 2014 - July 2015).

## **Participation in Recruitment, Retention, and Outreach**

- STEM Club, Co-Advisor. (August 2014 – May 2025)
- EnvironMentors, Mentor. (January 2023 – May 2023)
- High School Campus Visits, Presenter. (August 2015 – Present)
- New Student Orientation, Advisor. (2017 – 2025)
- QUEST Program Microscope Lab, Delahaunty, Farrell, and Sharon Middle Schools, Instructor. (2015 - 2019)
- STEAM Day, Presenter. (2015 - 2018)
- STEM Camp, Co-Organizer. (2016 - 2018)
- Anatomy Day, Mercer Elementary School, Presenter, Local. (May 2018)
- Invention Convention Judge, Delahaunty Middle School, Judge, Local. (2015 - 2017)

### **Service to Public Organizations**

- Secretary Troop 9022, Scouting America (formerly Boy Scouts of America). (2023 - Present).
- Advancement Chair Troop 4040, Scouting America (formerly Boy Scouts of America). (2021 - 2023).
- Treasurer, Pack 4040. Scouting America (formerly Boy Scouts of America). (2020 - 2023).
- Finance Committee Member, Hubbard Community Swimming Pool, (2018 - 2019).

### **Service to the Disciplines and to the Profession**

- Pennsylvania Biological Survey Bryophyte and Lichen Technical Committee, (December 2014 - 2019).
- Anderson-Crum Student Field Research Award, American Bryological and Lichenological Society, Judge, International. (2020).

### **Licensures and Certifications**

- Human Subject Research, CITI Program. (July 17, 2023)
- Aquaponics Master Class, Nelson and Pade, Inc. (December 21, 2021)

### **Professional Memberships**

- Human Anatomy and Physiology Society. (September 2024 - Present).
- Society for Economic Botany. (January 2023 - Present).
- National Association of Biology Teachers. (September 2016 - Present).
- American Bryological and Lichenological Society. (2006 - Present).
- Botanical Society of America. (2006 - Present).

### **Awards and Honors**

- Employee Appreciation Faculty Member of the Year, Penn State Shenango. (May 2022).
- Teaching Excellence Award, Penn State Shenango. (May 5, 2022).
- Leonard R. Riforgiato Memorial Teaching Award, Penn State Shenango. (May 2015).

## REFERENCES

- Dr. Elaine Andrews    Assistant Director of Academic Affairs, Associate Teaching Professor of English, Penn State University Shenango, Sharon, PA  
(724) 983-2900        jam39@psu.edu
- Dr. Kathrine Shaffer   Teaching Professor of Chemistry, Penn State University Shenango, Sharon, PA  
kxs51@psu.edu
- Dr. Kevin McDade     Senior Lab Instructor, University of Pittsburgh, Pittsburgh, PA  
kkm66@pitt.edu