

# Tina Tamme Hopper

## About me:

Organized professional teacher that has excellent rapport with both students and colleagues throughout many years of experience. Diligent worker that ensures quality instruction and feedback in a timely manner and regularly refines teaching strategies based on performance and feedback. Abilities to multitask many different classes and manage large numbers of students. Quality mentor of new teachers.

## Education:

M.S. Biology, August 2002. Missouri State University, Springfield, MO. Cumulative GPA: 4.0 /4.0.  
Thesis: "The environmental limitations of the establishment of *Daphnia lumholtzi* Sars in a pond environment"  
Advisor: John Havel

B.S. Biology, Cum Laude, December 1999. Missouri State University, Springfield, MO. Minor – Professional Education. Cumulative GPA: 3.71/4.00 - GPA on last 60 hrs of course work: 3.95

## Teaching Experience:

December 2002 – Present

*Senior Instructor, Missouri State University*

*Courses Taught:*

Biology in Your Life (non-majors lecture and lab/seated, hybrid, and online)

First Year Foundations (lecture)

Biological Science for Educators (lab)

General Biology 1 (lecture)

General Biology 1 & 2 (majors lab/seated and online)

Genetics (lab)

General Ecology (lab)

Human Physiology (lab)

*Duties:* Lab Supervisor of laboratory portion of General Biology I and II with additional lab sections of other lecture and lab courses, as needed (oversee 16-24 sections of classes per semester). Development and deployment of curriculum through learning management system (Blackboard/Brightspace). Lecture instructor of introductory and majors level lecture courses (100-185 students per section). General responsibilities include teaching 12 contact hours per semester, supervising and training graduate teaching assistants and student workers (10-15/ semester), curriculum development, advisement (40-50 students classified as honors students, proactive advising, pre-pharmacy), preparing/ordering materials for labs, and editing/publishing of lab manuals.

June 2016- Present

*AP reader, College Board*

*Duties:* Use provided guidelines to grade free response (essay) questions from high school students.

June 2012- June 2014

*Faculty Mentor, Missouri Innovation Academy*

*Duties:* Led presentations and activities for attendees of the academy that include high school juniors and seniors that are interested in STEM careers.

August 2002-August 2003

*Adjunct Faculty, Ozarks Technical Community College*

*Courses Taught:*

Life Science (non-majors lecture and lab)

Fitness for Living (lecture)

*Duties:* Developed quizzes, exams, and homework assignments. Developed syllabi in accordance with college guidelines. Coordinated lecture and lab materials.

June 1997- June 2003

*Competitive Gymnastics Coach, Springfield Gymnastics and Aquatics Center*

*Duties:* Developed and implemented curriculum for the development of competitive gymnastics. Trained new instructors. Participated in continuing educational opportunities.

## **Textbook Writing Experience (see also publications):**

May 2014- September 2018

*Contract writer for Biology, The Core by Eric Simon, Pearson Education*

*Duties:* Edit text and provide feedback. Wrote questions over new content as new editions were released. Wrote and lined up course materials with student learning objects.

December 2013- September 2017

*Contract Writer/Editor for Animations for What is Life? by Jay Phelan, W.H. Freeman*

*Duties:* Review story boards for animations. Review final animations. Wrote test bank questions for new content in new editions including constructive feedback for all wrong answer choices.

May 2014- September 2014

*Contract Writer/Editor for content questions for Dynamic Biology, Sapling Learning*

*Duties:* Authored content questions based on needs of the texts to be adapted to covering state educational standards as it is adopted to new states or as state standards change. Edited questions generated by fellow team authors. Wrote extensive constructive feedback for all wrong answer choices.

## **Publications:**

Dewey, S., Saunders, G., and T. Hopper. 2008-present. *Doing Biology*. Fountainhead Press, Southlake, TX (ongoing publication with new editions every 2 years)

Dewey, S., Saunders, G., and T. Hopper. 2008-present. *Biological Investigations for Teaching*. Fountainhead Press, Southlake, TX (ongoing publication with new editions every 2 years)

Hopper, T.M and D.A. Wait. 2005-present. Laboratory Manual for General Biology II. Macmillan Publications. (ongoing publication with new editions every 2 years)

Barnhart, M.C. and T.M. Tamme. 2005-present. Laboratory Manual for General Biology I. Macmillan Publications. (ongoing publication with new editions every 2 years)

Schnake-Greene, J. and T. Tamme. 2001. The ups and downs of frogs. Science Activities 38:12-16.

## **Certifications**

Substitute Certification, DESE (November 2020-November 2024)

American Board for Certification of Teacher Excellence (March 2021)

Biology Content- Distinguished Score 319

Professional Teaching Knowledge- Proficient 310/ Essay 5

State of Missouri Certification 4/5/2021 – 4/5/2025 (Biology 9-12)

## **Service**

Ozarks Regional Science and Engineering Fair- judge

Science Olympiad – Aquatic events

Expanding Your Horizons- multiple events giving lectures and providing activities for girls grades 6-12 interested in STEAM careers

Missouri State Stream Team coordinator

## **Grants, Honors, and Awards:**

Assessment Grant (internal)- Increasing collaboration to enhance student learning in BIO 101

Outstanding Staff Recognition Award, 2005-2006 and 2012-2013 academic year

Master Advisor Certification/Proactive advising certification (internal)

Milt Topping Research Fellowship, 2001

“Outstanding Oral Presentation” Southwest Missouri State University’s Graduate Interdisciplinary Research Forum (2002)

Outstanding Graduating Senior (1999-2000 academic year)