Kyle VanMeter

kvanmete@pointloma.edu | (951) 231-5000

Education

Master of Science in Biology (2016)
Point Loma Nazarene University
Advisor: Dianne Anderson

Bachelor of Science in Marine Biology (2012)
San Diego State University
Advisor: Matthew Edwards

Teaching Experience

Adjunct Professor, Biology *(Spring 2020-Present)*
San Diego City College (SDCCD), *San Diego, CA*
- Plants and People (Bio180), Physiology (Bio235), General Biology (Bio107)

Adjunct Professor, Ecology *(Spring 2021-Present)*
Point Loma Nazarene University (PLNU), *San Diego CA*
- Ecological and Evolutionary Systems (Bio2011L), Ecology and Conservation (Bio1005)

Adjunct Professor, Biology *(Spring 2021-Present)*
Cuyamaca College (GCCCD), *El Cajon CA*
- The Secret Life of Plants (Bio122), General Biology (Bio130)

Adjunct Professor, Life Sciences *(Summer 2019)*
Monterey Peninsula College (MPC), *Monterey, CA*
- Environmental Science (Biol31, Biol32L)

Teaching Assistant, Biology *(2015-2016)*
Point Loma Nazarene University (PLNU), *San Diego, CA*
- Marine Biology (Biol3033, Biol3033L), Ecology and Evolution (Biol2011)
- Developed curriculum; creating labs, dissections, and fieldwork
- Maintained research equipment, aquariums, research facilities

Marine Science Instructor *(2012-2015)*
Catalina Island Marine Institute at Toyon Bay (CIMI), *Avalon, CA*
- Prepared curriculum, developed teaching strategies and instructed students in marine science, terrestrial ecology and astronomy
- Led students in outdoor activities including hiking, snorkeling, and kayaking
- Managed school groups as a Program Coordinator for grades 4^{th}-12^{th}

Publications

VanMeter, Kyle and Matthew S. Edwards. (2013) The effects of mysid grazing on kelp zoospore survival and settlement. Journal of Phycology, 49: 896-901.

Professional Experience

Captain and Dive Master *(2019-Present)*

***Waterhorse Charters**, San Diego, CA*

- Captain of a 44ft vessel; in charge of managing the crew, boat maintenance, and customer safety
- Scuba instruction as a (PADI) Dive Master; Educating on dive physics, physiology, skills, scuba equipment and the environment.

Life Science Lab Manager *(2016-2019)*

***Monterey Peninsula College (MPC),** Monterey, CA*

- Instructional support; preparing and setting up equipment for lab sessions and class demonstrations
- Developing and implementing lab protocols for life science courses
- Operate, maintain, and repair inventory of lab equipment and materials
- Courses that I supported:
  - Principles of Biology (Bio10), Marine Biology (Bio13), Majors Biology (Bio21, 22), Microbiology (Bio25, 26L), Environmental Science (Bio31, 32L), Physiology (PHSO1, 2)

Professional Development

Equity Minded Teaching and Learning Institute (EMTLI)

- A yearly cohort-based professional development activity in which faculty analyze their classroom data, disaggregate by race/ethnicity, and then make changes to their curriculum and teaching practices using an equity-minded teaching framework.

Striving Towards Inclusion in Academic Biology (SABER)

- A series of events and sessions that are focused on promoting awareness, understanding and commitment to change academic biology environments to be more inclusive.

Creating an Inclusive Syllabus Workshop

- Evaluated teaching practices and was provided with tools to advance equity, diversity, and inclusion when writing syllabi.

Mentor & Mentees

- A mentorship program, which provides resources and individual mentoring that prepares faculty and staff for a successful and rewarding professional life

Canvas Online Training Certificate

- Canvas-based course, covering essential information and guidelines for online instruction, and provided updated information on the latest Distance Education State and Federal regulations.

Student Research Symposium (SRS 2011-2013)

- A public forum where students present their research

Professional Memberships

Society for Advancement of Biology Education Research (SABER)
Botanical Society of America (BSA)
National Science Teaching Association (NSTA)