

AMIE HUFTON
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PROFESSIONAL APPOINTMENTS

- 2020 Joint Appointment in the Department of Maritime Business Administration
- 2020 Joint Appointment in the Department of Foundational Sciences
- 2016 Instructional Associate Professor, Texas A&M University at Galveston, Department of Liberal Studies
- 2012 Instructional Assistant Professor, Texas A&M University at Galveston, Department of Liberal Studies
- 2006 Lecturer, Texas A&M University at Galveston, Department of General Academics

EDUCATION

- Exp 2021 PhD in Population Health Sciences, University of Texas Medical Branch
- 2010 Masters in Marine Resource Management; Texas A&M University at Galveston
- 2002 B.S. in Marine Biology, Honors; Texas A&M University at Galveston

TEACHING

Statistical Methods (SCMT 303)

Description: Collection, tabulation and presentation of numerical data; sampling, estimation of averages and variation, probability and error, hypothesis testing and correlation.

Introduction to the Science of Health and Fitness (KINE 223)

Description: Overview of the human body systems; interdisciplinary focus on wellness, fitness, nutrition, disease, drug use; integrated physical activity centering on principles and applications of conditioning; collect data, evaluate information, formulate plans based on findings; experience with pedometers, heart rate monitors, bioelectrical impedance devices, software and other technology.

Diversity in Sport Organizations (SPMT 336)

Description: Examine an encompassing perspective of diversity within North American and international sport organizations. The primary purpose of the course is to engage students in the study and understanding of important issues related to diversity and inclusion in the sport

industry specifically and be able to apply these concepts to the workplace and broader society.

Swimming (KINE 199)

Description: Selection from a wide variety of activities designed to increase fitness and/or encourage the pursuit of lifetime activity

RESEARCH INTERESTS

- Health outcomes and recovery strategies of populations affected by large-scale disasters
- Health outcomes of refugees and internally displaced persons
- Quantitative and qualitative epidemiological methods
- Diversity and inclusion of underrepresented populations in aquatic sports and endurance racing

COURSEWORK

Completion of >40 graduate level hours in the Population Health PhD program in the Graduate School of Biomedical Sciences at UTMB. Coursework includes: Biostatistics, Linear Regression, Social Epidemiology, Health of Aging Minorities, Translational Epidemiology, Epidemiological Methods, Correlated Data Analysis, Categorical Data Analysis, Applied Statistics, Survey Methods, Research Methods and Data Management. I am proficient in Stata, and familiar with R and SAS.

CONFERENCE PRESENTATIONS:

- Sept 2018 Texas A&M University at Galveston Conference on Inclusion for Diversity for Higher Education
 “Critical Reflections on the TAMUG Common Reader” - Roundtable Presenter
- April 2018 Transformational Teaching and Learning Conference, College Station
 “Preparing to Perform...with their eyes closed"- a presentation on a final assessment that I created for DIVE 330, which required the rescue diving students to work in small groups with one member blindfolded to respond to a simulated medical emergency (accepted, but unable to attend due to a health complication)
- May 2017 National Association of Underwater Instructors (NAUI), International Conference on Underwater Education (ICUE), Long Beach, California, May 5-7.
 “Just Add Water- Engaging College Students and Youth”- a presentation about promoting the inclusion of historically underrepresented students in recreational and scientific SCUBA

PUBLICATIONS

Merrell, W., L. Reynolds, A. Cardenas, J. Gunn, and **A. Hufton**, The Ike Dike: A Coastal Barrier Protecting the Houston/Galveston Region from Hurricane Storm Surge, In: Macro-engineering Seawater in Unique Environments, Viorel Badescu ed., Springer Press, 691-716, 2011

SERVICE TO THE PROFESSION

- 2015 Representative of Southwest Region at United States Lifeguarding Association Fall Conference, Kona, HI,
- 2004 Instructor in Health, Volleyball, Swimming, and English for Burmese refugee students at Legacy Institute, Chiang Mai Thailand

SERVICE TO TEXAS A&M UNIVERSITY AT GALVESTON

- Co-chair, Department of Liberal Studies Mentoring Committee 2020
- Member, interim chair, TAMUG Teaching Awards Committee 2018-present
- Member, Galveston Family, Youth and Children Board 2018-present
- Member, Department of Liberal Studies Curriculum Committee 2019-present
- Coordinator, Minor in Diving Technology and Methods 2014-2019
- Chair, Task Force for Best Practices in Open Water Instruction 2017
- Member, LIST Instructional Faculty Promotion Committee 2017
- Recreational Diving Safety Officer 2016-2018
- Co-chair, TAMUG Commencement Committee 2013-2017
- Co-Chair, Diving Advisory and Resources Committee 2014-2015
- Co-chair, Diving Control Board 2012-2013
- Member, Academic and Professional Track Faculty Committee 2016-2019
- Member, Diving Control Board 2013-2018
- Faculty Fellow, Academic Advisor at all New Student Conferences 2013-2016
- Member, Student Conduct Conference 2014-2018
- Faculty Advisor: Volleyball Club, Swimming Club, Ultimate Club 2012-2017
- Interim Dive Safety Officer 2012, 2016

AWARDS AND HONORS

- 2019 Laura Ray Scholarship from UTMB Graduate School of Biomedical Sciences
- 2019 Galveston County “40 Under 40” Honoree- Awarded by the Galveston County Daily News in recognition of Galveston County’s outstanding professionals under the age of 40. “These individuals have demonstrated personal and professional success and a commitment to the community. Honorees are chosen by a panel of judges not affiliated with Daily News.”
- 2018 Outstanding Service Award- Awarded by the National Association of Underwater Instructors for who distinguish themselves for service provided to the association
- 2016 TAMUG S.A.L.T. Camp Transitions Speaker- chosen by four undergraduate S.A.L.T. Camp Directors

- 2014 Student Organization Advisor of the Year- nominated by students in Volleyball Club; selected through Student Affairs process
- 2014 TAMUG S.A.L.T. Camp namesake- chosen by four undergraduate S.A.L.T. Camp Directors
- 2013 Association of Former Students of Texas A&M University Distinguished Achievement Award College Level
- 2010 United States Lifesaving Association Heroic Act Award

QUOTED IN MEDIA

- 2012-2018 Interviewed for Beach Safety Awareness article in tamuTimes “Know Rules of the Sand when Hitting the Beach”

CONSULTATIONS OUTSIDE THE UNIVERSITY

- Oregon State University Research Office for development of diving minor
- Jacksonville University School of Education for development of academic dive courses
- University of Tennessee- Knoxville for development of service center and academic diving

COLLABORATIVE ACTIVITIES

Assess diversity within DIVE program/minor and develop methods to encourage inclusion of underrepresented students. Co-developed SCUBA Educational Adventures Living Learning Community to increase access of DIVE courses to incoming freshmen. Ensure safety and compliance for Recreational DIVE program. Develop strategic planning for DIVE program. Collected coral health data on multiple offshore trips for FGBNMS monitoring. Trained and escorted scientific divers with FGBNMS. Trained and escorted scientific divers for Texas Parks and Wildlife. Provide safety oversight for University Dive Program with over 200 active divers. Coordinate teaching and diving schedules of dive program faculty. Mentor undergraduate divers for research opportunities. Created effective methods for organizing diver medical files. Maintained records to comply with AAUS standards. Collaborated with NOAA, TPWD, LUMCON, and HRI to provide diving opportunities.

MEMBERSHIP IN SCIENTIFIC SOCIETIES/PROFESSIONAL ORGANIZATIONS:

- 2020 Delta Nu Chapter of Delta Omega at the University of Texas Medical Branch
- 2020 American Public Health Association

CERTIFICATIONS

- NAUI Instructor Trainer 2012
- NAUI SCUBA Instructor 2007
- Emergency Medical Technician-Basic 2004
- AAUS Scientific Diver 2001

EXTERNAL EMPLOYMENT

2001- present Seasonal Lifeguard Supervisor/Junior Lifeguard Instructor, Galveston Island Beach Patrol

- Train new lifeguards (>16 years of age) and junior lifeguards (ages 10-15) in rescue techniques and professionalism
- Assisted city officials in relief work after Hurricane Ike
- Supervise lifeguard force of 100 in various beach zones
- Administer emergency medical care and first aid to the public
- Enforce city ordinances pertaining to safety and conduct
- Maintain emergency equipment and radio communications
- Instruct staff in PWC rescue skills
- Train Junior Lifeguards in open water lifeguarding techniques