



CNHS Newsletter

Fall 2018

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Dean Greenwood's Note

Colleagues,



I am happy to formally announce the new Mission Statement and Motto of the College of Natural and Health Sciences, which is now posted on the CNHS website at: <http://www.ut.edu/naturalandhealthsciences/mission/>. The mission statement was approved without dissent at the October CNHS meeting. Thank you to all who were involved in the discovery process last year, and to those who helped write, critique, edit, and rewrite the final products. I look forward to using the mission statement to inform our strategic thinking throughout the year.

CNHS Mission Statement: The College of Natural and Health Sciences (CNHS) offers a rigorous, high-quality curriculum to prepare a diverse population of students for the rapid advances in science, healthcare and sport studies. The faculty and staff provide a transformative education embedded in a culture of respect and positivity, which prepares students for the challenges and opportunities they will encounter. Through partnerships, collaborations and connections, our faculty, staff and students engage in research, clinical practice and scholarship, interactive and experiential inquiry, and internship learning opportunities that cultivate success.

Motto : *Connect – Transform – Succeed*

Cordially,

Faculty Presentations

Professor Jeffrey Fasick engaged many UT students and professors in his honors presentation entitled "The Urban Whale: Science and Conservation of the North Atlantic Right Whale".



On October 26th, **Professor Johnna Yealy** (PA Program Dept. Chair) and **Professor Todd Doran** (PA Program Director of PA Admissions/Director Evaluation and Assessment) joined Dr. Auth, Department Chair of the Drexel PA Program to lead a presentation the Physician Assistant Education Association's national annual conference in Anaheim California. The presentation entitled "The Perfect PA Faculty Workload Allocation: Chasing Unicorns and Other Myths," was highly attended and generated much discussion. There is a complex balance between resources and expectations when calculating PA faculty workloads. The discussion included the application of a workload formula to various institutional settings.

In October 2018, the PA faculty participated in the 2018 Physician Assistant Education Association's Annual Education Forum in Anaheim California. Faculty, **Johnna Yealy**, **Kimberly Mularoni**, **Greg Burns**, **Marisa Belote** and **Allison Kaczmarek** joined PA faculty from across the nation to acquire new skills, network with colleagues, collaborate with new partners, and exchange innovative ideas.

Faculty and Student Research



Professor Claudia Aguado-Loi recently published an article entitled Unpacking Hispanic Ethnicity—Cancer Mortality Differentials Among Hispanic Subgroups in the United States, 2004–2014. *Frontiers in Public Health*.

<https://www.frontiersin.org/articles/10.3389/fpubh.2018.00219/abstract>

Professor Nauris Tamulevicius presented at the American College of Sports Medicine Annual Meeting and World Congress on Exercise is Medicine, May 29-June 2, 2018, Minneapolis, Minnesota. Co-authors of presentation: Tamulevicius N., Wadhi T., Daniels E.A.,

Oviedo G.R., Baeder S. (underlined are UT students).
Presented paper entitled: Electromagnetic Field
Application Effects on Recovery and Power after
Sport-Specific Exercise Intervention: Feasibility Study.
[https://journals.lww.com/acsm-
msse/Pages/articleviewer.aspx?
year=2018&issue=05001&article=02655&type=Fulltext](https://journals.lww.com/acsm-msse/Pages/articleviewer.aspx?year=2018&issue=05001&article=02655&type=Fulltext)

Professor Nauris Tamulevicius received International Programs Award to travel to South Africa in May 2018. During his trip he visited five universities and worked on several research projects. At the North West University (NWU), Potchefstroom, Professor Tamulevicius visited the program that he created in 2015. The program targets low-socioeconomic environment and physical activity as preventative measure for non-communicable disease. At NWU Dr. Tamulevicius worked on several papers with Prof. S.J. Moss.

During this visit, Professor Tamulevicius accepted the service as an area co-editor for South African Journal for Research in Sport, Physical education and Recreation (SAJRSPER) for a five years term.

At University of Pretoria, University of West Cape, University of Cape Town, and Stellenbosch University Dr. Tamulevicius discussed collaborative research opportunities.

Pictured to the right is **Emily Daniels** (undergrad, class 2018) and **Tanuj Wadhi** (Graduate, class 2018) at the American College of Sports Medicine annual meeting, Minneapolis.



Professor Kristine White attended the 4th Asia Pacific Coral Reef Symposium in Cebu City, Philippines, this June, where she presented the research she completed with two recently graduated students, Katherine Duval and Kevin Travis. The research involved the molecular confirmation of two invasive amphipod crustacean species in Hawaii, U.S.A., Okinawa, Japan, California, U.S.A., and New Zealand. It also confirmed the likely introduction of this species through fouling on the hulls of U.S. military vessels. This research was funded by a Delo grant through UT.

The first is a Behind the Science feature interview I did about some research I was involved in on a mesophotic coral reef.

<http://www.mesophotic.org/posts/33>

Community Involvement

The Student Members of the American Chemical Society, led by seniors **Lindsay Truesdale** and **Rachael Kurlander**, hosted the Professional Pathways Forum on October 4 in the Music Room. A panel of local professionals entertained questions from students about their training, jobs, and their paths to their own success. The panelists included the Hillsborough County Chief Medical Examiner, an industry product



specialist, a sixth grade Pinellas County teacher, a UT professor and a USF professor. Career Services Student Ambassador, **Zachary Walker**, was their to provide advice on utilizing resources that are available to students on campus. It was a terrific social setting where all guests had a chance to relax, enjoy each other's company, and learn something new!



They also held an outreach event at the Glazer's Children's Museum as part of the Halloween Spree with Tampa Riverwalk. UT undergraduates and USF graduate students teamed up to demonstrate spooky chemistry experiments to celebrate National Chemistry Week and Halloween.

Pedagogical Strategies

HSC 350 Biostatistics Class utilized their data analysis skills to conduct descriptive statistics on data from the National College Health Assessment. Following the analysis the students developed infographics to transfer and display this data into a graphic visual representation that allows readers to readily comprehend the data. Pictured to the right are the two sections of Biostatistics students and their infographics.

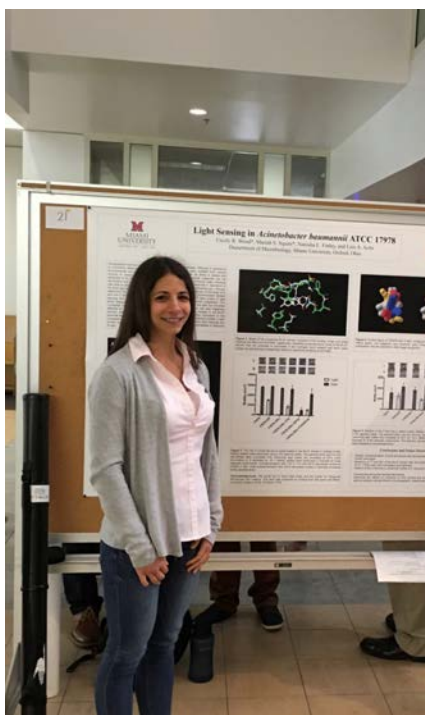


Professor Tracy Zonek's public health policy class engaged local community member Marshall Deason, a board-certified real estate lawyer from the firm Older, Lundy & Alvarez, in HSC 440 – Public Health Policy and Social Change class. They had a spirited legislative debate about prohibiting hookah establishments. Senior **Bella Lumia** posed as the legislator who sponsored the bill “Hookah Bar Prohibition Act” which would prohibit hookah bars and make it a third degree felony to operate one. Other students role played as legislators with various issues such as needing money for re-



election or supporting a rural religious community. The remaining students posed as lobbyists from the American Cancer Society, American Heart Association, Chamber of Commerce, College and University Students Association and Hookah Manufacturers and Operators Association.

Alumni News



Cecily Wood graduated from UT in 2012. She started her Ph. D. work in Microbiology at the University of Miami, Ohio in August 2013. She is defending her dissertation in December, 2018. She published her first paper recently.

<https://iai.asm.org/content/86/9/e00442-18>

During her tenure at UT Cecily was also on the Crew team and was a cross-fit competitor and has been competing in the strong woman competitions while pursuing her graduate studies.

Cecily commented, "I study a human pathogen *Acinetobacter baumannii* in the lab of Luis Actis. We study how the pathogen senses and responds to its surroundings to modulate its physiology, particularly towards light.

As an undergraduate, I thought medical school was always the plan. But then I took **Professor Kucera's** genetics course and the micro and immuno courses taught by **Professor Williams** and I knew I had to go to graduate school. They have made such an incredible impact on my future. I still use them and their courses as examples when I teach my students. There is not one week that goes by when I can't relate an experience I had as a student in their course to something relevant now as a graduate student and mentor. They were excellent role models and are still the most insightful and influential people I have met."

Important Dates

[UT Master Calendar](#)

[UT Academic Calendar](#)

Wednesday, November 21- Thanksgiving Break

Saturday, December 8- Last day of Fall Classes

Saturday, December 15- Fall Commencement

Monday, December 17- Fall Grades Due

Dean Greenwood's Starbucks out-of-office hours are 9:30-10:30am each day as noted below.

Wednesday, November 7

Thursday, November 29



Please send future news items to jdavila@ut.edu