



CNHS Newsletter

Spring 2020

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Dean Greenwood's Note

Colleagues,



It's hard to believe we are entering 2020 and the spring semester at UT is about to begin. As this newsletter showcases, the CNHS faculty and students have been exceptionally busy with not only classes, but also with their research and community outreach activities. As The University of Tampa, we have a special obligation to connect with the Tampa Bay community, and I take great pride in the many ways our faculty and students engage. In addition, the generosity of our community partners is critical for us to provide the transformative educational experience we desire for our students. I thank all of our partners for the impact they have in connecting and working with our students. These partners range from hospitals and clinical organizations, who place our nursing and physician assistant medicine students, to the vast number of organizations who provide intensive internship opportunities for our students. I am grateful for your excellent work that is so important for the future success of our CNHS students.

CNHS Motto : *Connect – Transform – Succeed*

Cordially,

Dean's Listening Lunch

Paul Greenwood invites CNHS faculty to join him for lunch at Panache on Thursday, February 13th from 11:30 to 1:30. This lunch provides for an open discussion forum. First come, first served; contact Jana by email to sign up!



This past year, the College of Natural and Health Sciences was awarded a Senior Class Gift. The funds were used to purchase an interactive screen that currently resides on the wall in the Cass Building next to the stairwell. The screen (above) provides an interactive map of UT, CNHS faculty information, link to the CNHS website with degree lists, student engagement opportunities, and current CNHS events. Stop by and browse the screen if you are in the area! Thank you to the Class of 2019!

Faculty Presentations, Publications and Scholarship

Professor Johnna Yealy (Department Chair of the Physician Assistant Medicine Program) is the lead researcher on the newly launched PA admissions exam. The Physician Assistant College Admission Test (PA-CAT®) is a specialized test that is designed to measure applicant knowledge and application in key prerequisite science subjects typically required for PA school. The PA-CAT measures general academic ability and scientific knowledge necessary for success in the demanding Physician Assistant curriculum. The PA-CAT has been developed specifically for use by PA educators and admissions experts as part of a holistic admissions process. This 240 question exam was field tested with over 1700 examinees at 36 PA programs.



Additionally, **Professor Yealy** was recently promoted to rank of Major in the US Army Reserves, attended the 411th Army combat hospital validation event at Ft. Gordon Georgia. Over a period of 3 days, the hospital saw over 300 simulated patients and completed 3 mass casualty events. During the training, Dr. Yealy successfully “resuscitated” Brigadier General Beth Salisbury during the simulated event and was highlighted on the General’s public social media account.



Professor Elizabeth Sassatelli (Nursing) presented at the American Association of Justice annual meeting in Atlanta. Her presentation entitled, *Mastering the Medicine* focused on nurses who are most often the last line of defense in preventing harm to patients from medication errors. Additionally, she had a podium presentation entitled, *Intravenous Dilaudid on the Medical Surgical Unit: A Cause to Pause for Nursing*.



Professor Bridgette Froeschke (Biology) and recent Biology graduate, **Madison Dowdy**, recently published an article in ARCNEWS entitled, *A model of popular fishing locations aims to reduce pressure on certain species*.

<https://www.esri.com/about/newsroom/arcnews/a-model-of-popular-fishing-locations-aims-to-reduce-pressure-on-certain-species/>



Professor June Llerena (Nursing) presented a poster entitled, *The Lived Experience of Veteran Medics Entering Baccalaureate Nursing Education* at the 10th Annual Doctoral Student Research Conference in Washington, DC. This conference was sponsored by the Washington Regional Nursing Research Consortium. The theme of the conference was fostering collaborative research in pursuit of nursing excellence.

Professors Bridgette Froeschke (Biology), **Michelle Osovitz** (Biology), and **Tracy Zontek** (Public Health) received a 2 year Tampa Bay Estuary Program and Restore America's Estuaries grant to examine the use of *Staphylococcus aureus* as an indicator of human pollution. They will evaluate levels of *Staphylococcus aureus* and Methicillin-Resistant *Staphylococcus aureus* during high and low peak recreational usage. The outcome will be a risk assessment on human health in Tampa Bay.



Faculty and Student Engagement



Professor Claudia Aguado Loi (Health Sciences and Human Performance) and Eta Sigma Gamma, Health Education Honorary Students **Elizabeth Khoury, Claudia Jimenez, and Rachel Mastrangelo** (alumna) presented at the national American Public Health Association (APHA) conference. Their poster entitled, *Sex and The Ybor City: Sexual Cultural, Perceptions, and Behaviors*, was awarded the APHA – Public Health Education and Health Promotion Section Student Award. The award was accepted by **Rachael Mastrangelo**, in recognition of excellent student research in public health education and health promotion. This was a great honor and a highlight at the conference.



The UT Chapter of Eta Sigma Gamma was also recently awarded the Chapter of Excellence Award; the highest award a chapter can receive from the national office. This award is provided to a chapter that achieves excellence in each of the ESG categories, which include advocacy, research, service, and teaching. Congratulations!

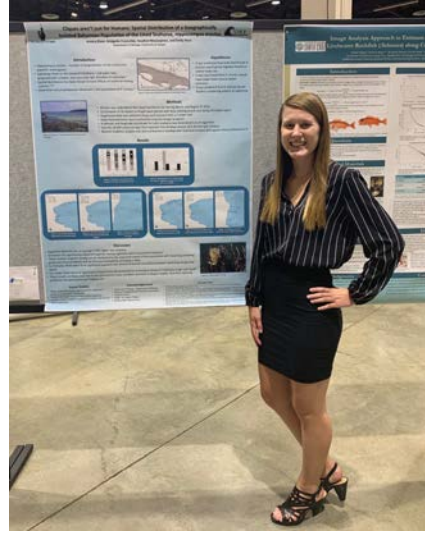


Professors Mark McRae and Rebecca Waggett

(Biology) attended the American Fisheries Society & The Wildlife Society Joint Conference in Reno, NV. They were accompanied by two current UT students and one recent graduate who presented on their UT research projects.

Heather Johnson (Biology Alumna) presented a poster entitled, *Seasonal Trends of Zooplankton in Sweetings Pond on the Island of Eleuthera, Bahamas*.

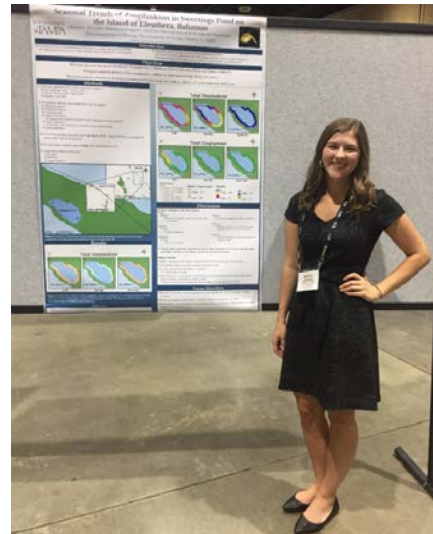
This research is co-authored by **Professors Masonjones, Froeschke, and Waggett**. This work was completed under a UT Office of Undergraduate Research and Inquiry grant awarded last year to **Professor Rebecca Waggett**.



Jessica Elson (Biology major) presented a poster entitled, *Cliques aren't just for Humans: Spatial Distribution of a Geographically isolated Bahamian population of the lined seahorse, Hippocampus erectus*. The research is coauthored by **Professors Froeschke, Rose and Masonjones** (Biology).

Ryan Tharp (Biology major) gave an oral presentation entitled, *Stomach content analysis of Cichlasoma urophthalmus (Mayan cichlid) in the Tampa Bay watershed* coauthored with Professor **Mark McRae**.

This information can also be viewed on the interactive touch screen located in the Cass Building.



Professor Simon Schuler's (Physics) physics majors attended the National Society for Black Physicists conference this past November in Providence, RI. **Vincent Clanzy** and **Milani Hernandez**, won prizes for best posters! **Vincent** won the prize for best undergraduate poster in astronomy, and **Milani** won best graduate poster (even though he is an undergraduate) in environmental physics. All three students were elated to have attended the meeting. **Milani Hernandez** (Environmental Physics award) and **Vincent Clanzy** (Beth Brown Memorial Award in Astrophysics), holding their awards for best poster.

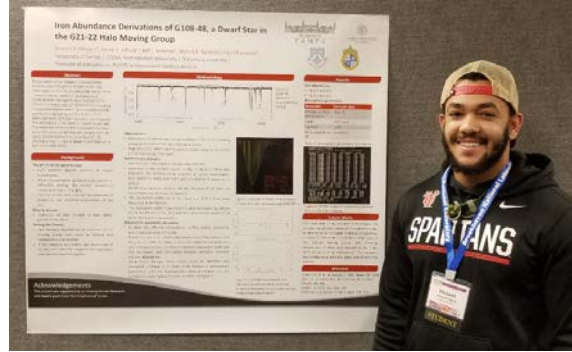
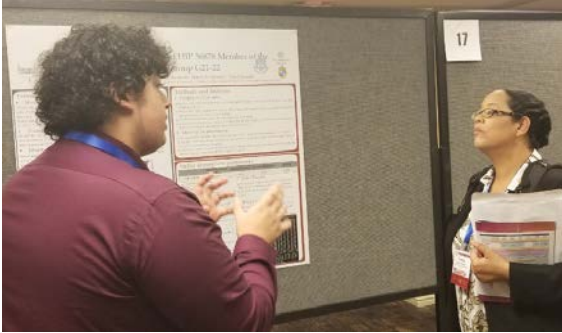


Poster presentation titles are listed below:

Vincent Clanzy (Poster title: Iron Abundance Derivations of G108-48, a Dwarf Star in the G21-22 Halo Moving Group)

Mohammed Mourabit (Poster title: Iron Analysis of the Sub-Giant HIP 36878 Member of the Halo Moving Group G21-22)

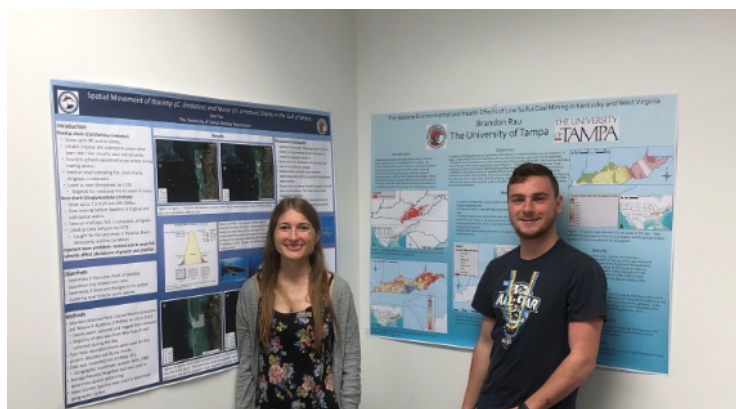
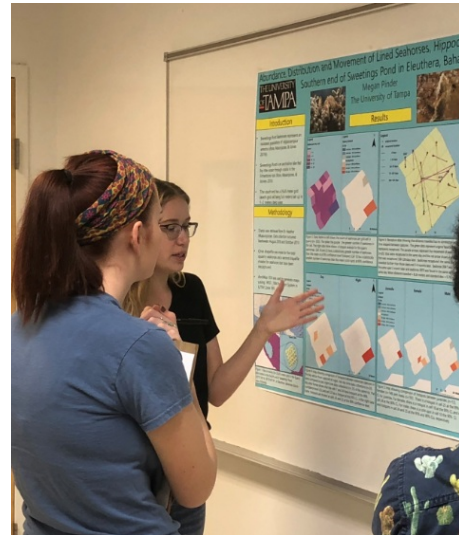
Milani Hernandez (Poster title: Modeling Wave Dissipation on Coral Reefs)



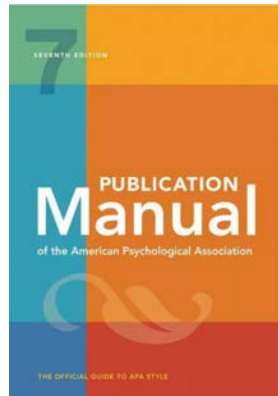
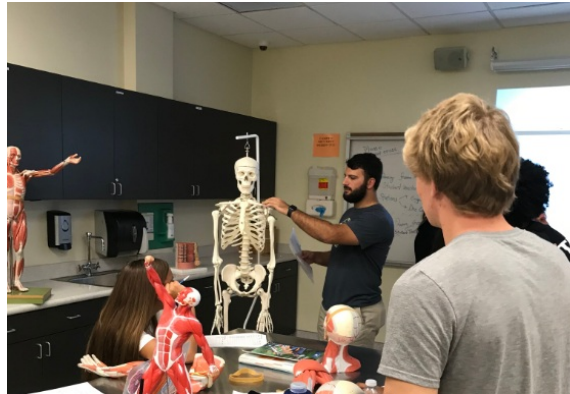
Pedagogy



Each fall, **Professor Bridgette Froeschke** (Biology) holds a research symposium showcasing her ENS 235 (Geographic Information Systems) student research posters. This semester was no different. Students studied a variety of topics including distribution of fires in California, cause of MRSA in the US, impacts of education on birth rates, relationship of environmental parameters on a variety of fishes in the Gulf of Mexico and the Bahamas, and so much more.



Human Performance) shares how her students educate each other in her Anatomy lab. Student mentors work with students in small & large groups & activities and her students do "student-to-student" teaching (under guided supervision).



Do you use APA? The 7th edition is now available! You can review some of the changes from previous editions [here](#).

Community Involvement

Professors Michele Wolf and **Julie Umberger** (Nursing) along with nursing students (**Sarah Regino**, **Samantha Reed**, **Allison Craig**, **Elizabeth Adams**, and **Olivia Brown**) attended a remote area medical clinic that was able to triage 1039 patients with medical, dental, and vision concerns. Together they provided \$432,922 in care to under-served members of the Tampa Bay community.

"We may not be able to change the world, but we can certainly make a difference in making it better for all--and they did just that", said Professor Wolf.



Through the collective coordination by **Sarah Cuccinello, Matt Wilson, Simon Schuler, Jeanette Gore, and Robin White**, advanced placement and International Baccalaureate students from Hillsborough County high schools spent a day at UT on Sat Dec 7th participating in the AP Science Day. Faculty and student mentors from Nursing, Biology, Chemistry, and Physics engaged the students and their teachers in a variety of activities and experiments throughout the day, as seen in the photos. Thank you to all the faculty who participated in this day of learning and community engagement!



The Mercury transit event hosted by the Physics and Astronomy faculty on Nov 11 was a huge success! They had two of their 8" Celestron reflecting telescopes set up for students, staff, faculty and UT friends to view the transit, which lasted 5.5 hours. Over 100 folks took advantage of the opportunity to see this rare celestial event!



Program News



Congratulations to the Athletic Training Program who recently were awarded continuing accreditation from the Commission on Accreditation of Athletic Training Education!

Faculty Connecting Outside the Classroom

Professors Jennifer Wortham, Rob Haughey and Melissa Morris (Health Sciences and Human Performance) recently completed a dry triathlon at Orange Theory Fitness Center. **Melissa Morris** took it one step further and completed her first half marathon!





Alumni News



Elaine Thornton, 2012 Graduate of the Public Health Program, recently graduated from Sherman School of Chiropractic and successfully passed her national board exam. Elaine is pictured front row second from left. Congratulations Elaine!

Important Dates

[UT Master Calendar](#)

[UT Academic Calendar](#)

January 17 - MS in Exercise and Nutrition Science Virtual Information Session

<https://eventactions.com/eareg.aspx?ea=Rsvp>

January 20 - Martin Luther King Holiday - no class

January 21 - Spring semester classes begin

January 27 - Last day to drop/add classes

February 5 - Masters in Nursing Virtual Information Session

<https://eventactions.com/eareg.aspx?ea=Rsvp>

February 6 - Doctorate in Nursing Practice Virtual Information Session

<https://eventactions.com/eareg.aspx?ea=Rsvp>

February 10 - Physician Assistant Program Virtual Information Session

<https://eventactions.com/eareg.aspx?ea=Rsvp>

February 16 - Admissions Open House

February 24 - Physician Assistant Facility Tour

<https://eventactions.com/eareg.aspx?ea=Rsvp>

March 9-13 - Spring Break

March 16 - Last day to resolve Incomplete grades

March 30 - Last day for students to withdraw from 14 week session

April 6 - Registration begins for the fall semester

May 4 - Last day of spring classes

May 9 - Spring Commencement

May 11 - Classes begin for May term

Please send future news items to jdavila@ut.edu