



## CNHS Newsletter

Fall 2019

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### Dean Greenwood's Note

Colleagues,



*This issue of the CNHS Newsletter contains just a small sample of the amazing work our faculty, staff, and students do together. In addition to being dedicated and talented teachers, the faculty of CNHS are professional scholars who publish and present their work in a wide variety of venues. Collaborative connections among students and faculty broaden the experiences of all participants in meaningful and transformative ways. The two stories of CNHS alumni demonstrate that the good work of CNHS students continues after their graduation. Please also note the upcoming events happening in the college. There is an opportunity to share the morning of November 11<sup>th</sup> with the Astronomers watching Mercury transit the sun, and I am especially pleased that we are able to welcome Dr. Joseph Francisco to campus on November 7<sup>th</sup> and 8<sup>th</sup>, for both a general, public lecture and a more technical chemistry lecture. All are invited to both events.*

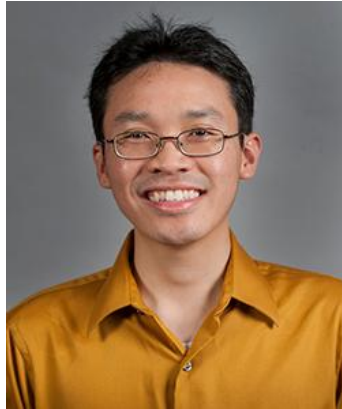
CNHS motto : *Connect – Transform – Succeed*

Cordially,

### Faculty Presentations and Publications

**Professor Elizabeth Sassatelli** (Nursing)  
presented at the statewide Human Trafficking

Summit as part of a panel of healthcare providers and law enforcement officers speaking about identifying and treating victims of sex trafficking.



**Professor Tony Pham** (Chemistry) recently co-authored an article entitled "Synergistic sorbent separation for one-step ethylene purification from a four-component mixture" in the journal *Science*.

<https://science.sciencemag.org/content/366/6462/241>.

**Professor Kimberly Dobrinski** (Biology) has published a chapter entitled "Tissue-Specific eQTL in Zebrafish". in *Methods Molecular Biology*, Vol. 2082, eQTL Analysis, 978-1-0716-0025-2, 417452\_1\_En, (17), publisher Springer Nature.



Two CNHS professors presented at the recent Creative and Critical Thinking Conference in St. Petersburg, Florida.

**Professor Melissa Morris** (Top) ( Health Sciences and Human Performance) presented *Ten Tips to Transform Non-Critical Thinkers to Critical Thinkers*. During this presentation, Melissa shared ten tips for engaging and encouraging students to think critically in undergraduate courses. These simple strategies included tips like earning trust, listening, presenting the full picture, identifying knowledge gaps, asking questions and more.

**Professor MaryAnn D'Alesandro** (Nursing) presented *The Art Of Questioning To Foster Critical Thinking – A Nursing Perspective*. Her session focused on the nursing perspective as it relates to critical and creative thinking that is the foundation and is essential for safe practice and efficient nursing care threaded throughout the



nursing student's curriculum, and more importantly utilized every day as a practicing registered nurse.

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**Professor James Weiner** (Sport Management) published an article entitled "Weighing the Pros and Cons of Franchising in Call of Duty". The basis of the article is that one of the most popular e-sports in the world has changed its league structure from an open-based qualification where you "win your way in" to a franchise model where 10 teams will be paying over \$25 million each to guarantee a spot in their league forever. The article discusses the business and consumer implications from each.

<https://esportsobserver.com/opinion-call-of-duty-franchising/>



**Professor Todd Doran** (Physician Assistant Medicine) co-authored a publication entitled "Standardized Office Cystoscopy Training For Advanced Practice Providers in Urology". The article is being published in the Journal of Urology Practice.

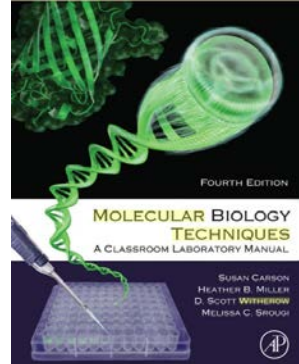
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**Professor Scott Witherow** (Biology) co-authored a book earlier this year entitled "Molecular Biology Techniques.

<https://www.elsevier.com/books/molecular-biology-techniques/carson/978-0-12-815774-9>

Fun fact: The cover art was created by one of our UT graduates, **Electra Scott**, a biochemistry alum.





**Professor Nauris Tamulevicius** (Health Sciences and Human Performance) recently co-authored a publications entitled "Physical Activity and Sedentary Time in Active and Non-Active Adults with Intellectual Disability: A Comparative Study" in the International Journal of Environmental Research and Public Health.

Oviedo, G.R.; Tamulevicius, N.; Guerra-Balic, M. *Physical Activity and Sedentary Time in Active and Non-Active Adults with Intellectual Disability: A Comparative Study*. International Journal of Environmental Research and Public Health, 2019, 16, 1761.  
<https://www.mdpi.com/1660-4601/16/10/1761>



**Professor Denija Crnojevic** (Physics) attended two International conferences. The first conference was Light in the Suburbs: Structure and Chemodynamics of Galaxy Halos (in Sexten, Italy), where she gave an invited talk on her current research entitled "Resolved stellar populations in the outer halo of Cen A".

<https://zenodo.org/record/3369784#.XaOjopNKjOQ>.

Professor Crnojevic's second presentation was at the IAU Symposium 355, The realm of the low surface brightness universe (in Tenerife, Spain), where she gave an invited review talk on her current field of research entitled "Near-Field Cosmology with low surface brightness features". She also attended a collaboration meeting at Ohio State University to work on her NSF-funded research project (the Magellanic Analog Dwarf Companions And Stellar Halos survey).

Additionally, Dr. Sungsoo Lim has joined the Physics Department as a Postdoctoral Research Associate. He will be working with Professor Crnojevic on her NSF-funded project to characterize the stellar content of nearby low-mass galaxies.







**Professor Jeffrey Fasick** (Biology) and **Katherine Serbia** (Marine Science major) presented their whale shark vision research as a poster at both The Society for Integrative and Comparative Biology in Tampa and at the 5th International Whale Shark Conference at the Ningaloo Coast World Heritage Area in Exmouth, Western Australia. This work was also presented at the Florida Undergraduate Research Conference and the CNHS Undergraduate Research Symposium and has now been accepted for publication by the peer-reviewed journal *Visual Neuroscience*. The article is entitled "The retinal pigments of the whale shark (*Rhincodon typus*) and their role in visual foraging ecology". Katherine had an incredible summer in Australia and Mexico researching and swimming with whale sharks. she also engaged in her independent research project at UT examining whale shark vision and initiating a shark genomic DNA survey of Tampa Bay.

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University of Tampa Physician Assistant Medicine (PAM) students celebrated National PA Week by inviting undergraduate students to learn more about the profession and the PAM program at UT. Faculty were on hand to share in the celebration and the free ice cream!



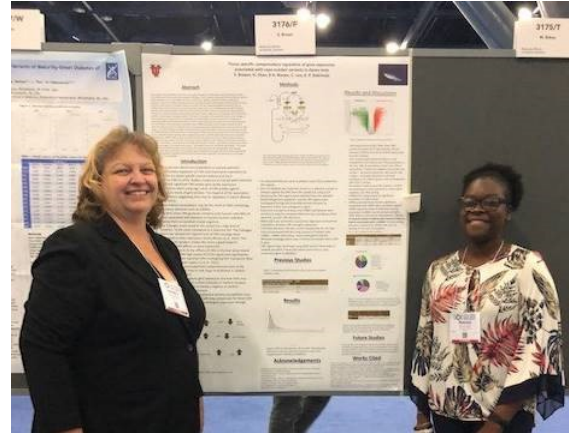
The Nursing Honor Society Sigma Theta Tau International held its induction ceremony in Plant Hall on October 10th.

The mission of the Honor Society of Nursing, Sigma Theta Tau International (Sigma), is advancing world health and celebrating nursing excellence in scholarship, leadership, and service. We are the Delta-Beta-at-Large chapter with USF and the USF school of nursing was present on campus as well.

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The culmination of **Sherrea Brown's** (Biology student) SURF project under the direction of **Professor Kimberly Dobrinski** (Biology) was a

poster presentation on *Tissue Specific compensatory regulation of gene expression associated with copy number variants in Danio rerio* at the meeting of the American Society of Human Genetics (ASHG) in Houston, Texas. ASHG is a global meeting with attendees from all over the world. There were 8363 attendees at the conference this year representing 74 countries. There were 2995 poster presentations with Sherrea as one of the only undergraduate students presenting. Poster presentations at this conference are normally by Junior Faculty, Postdoctoral Fellows, and Graduate students. From the ASHG website- "ASHG 2019 will feature invited presentations by the world's leading geneticists, in addition to symposia, workshops, and abstract-driven sessions about new developments in basic, translational, and clinical human genetics research and technology".



*sports*

**Professors De Souza, Andersen and Tamulevicius** (HealthSciences and Human Performance) along with two Exercise and Nutrition Science alumni (**Tanuj Wadhi** and **Jacob Rauch**). published an article in the journal of Sports.

Wadhi T, Rauch JT, Tamulevicius N, Andersen JC, De Souza EO. *Validity and Reliability of the GymAware Linear Position Transducer for Squat Jump and Counter-Movement Jump Height*. Sports. 2018; 6(4):177. Available at <https://doi.org/10.3390/sports6040177>

**Professor Sarah Cuccinello's** (Biology) molecular genetics lab students (**Shaelyn Kutis, Kaitlin Wykoff, Michael Petillo, and Jarred Miller**). were excited to don their personal protective wear for the lab!



## Community Involvement

**Professor Emily Rose** (Biology) and her students (Environmental Science major **Coley Tosto** and Marine Science major **Lauren Kulick**) went to North Shore Elementary for an outreach presentation to teach kindergarteners about Biology research.



**Professor Michael Smucker's** (Sport Management) sales class (SPM 425) partnered with the Tampa Bay Buccaneers to engage in an experiential learning sales project. As part of this semester long experience, he took the sales class on a tour of Raymond James Stadium and the Advent Health Training Center.



As part of this sales experience students are selling Buccaneers inventory including tickets, tailgate packages, and parking passes. Students also have the ability to sell each home game. Professor Smucker works with an executive in the sales department who provides feedback and access to our students on a weekly basis. The executive has also been into the Sport Management classrooms to make the experience more meaningful for these students.

## Upcoming Events

On November 11, Mercury will transit the Sun, and Physics will be hosting an observational event on campus.

The transit begins at 7:35 a.m. and ends at 1:04 p.m., local time, and the Physics faculty and students will set up 8" telescopes with solar filters to view the entire transit. **The UT community is invited to stop by and view this event between 8 a.m. and 1 p.m. in the campus green space between the Graduate Health Sciences building and Morsani.**

The next transit of Mercury is in 13 years, so folks will not want to miss this opportunity.

Remember, it is never safe to stare at the sun without the proper viewing equipment!







Dr. Francisco will be visiting the University of Tampa from November 7th-November 8th. There will be a public lecture beginning at 7 pm on November 7th in the Trustees Room of the Vaughn Center followed by a reception at 8 p.m. All are invited to attend. Dr. Francisco will give a technical chemistry lecture at 4 p.m. on November 8th. Those interested in attending this lecture are also welcome.

The University of Tampa and the Department of Chemistry, Biochemistry, and Physics, has been awarded a Jean Dreyfus Lectureship for Undergraduate Institutions from the Camille and Henry Dreyfus Foundation. This award allows UT to invite a leading researcher to campus and present two lectures: one geared to the general public and one technical lecture geared toward the science community.

We are pleased that **Dr. Joseph Francisco** has accepted our invitation. In 2009, Dr. Francisco was just the second African American elected president of the American Chemical Society. He currently serves as the President's Distinguished Professor of Earth and Environmental Science and Professor of Chemistry at the University of Pennsylvania. Dr. Francisco has numerous awards and honors to his name. He is a fellow of the American Association for the Advancement of Science and was appointed by President Barack Obama to serve on the President's Committee on the National Medal of Science. As a researcher, Dr. Francisco has made many important contributions to the field of Atmospheric Chemistry.

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## Alumni News

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**Mr Gary White** ( 2011 Graduate of the Public Health Program and current adjunct professor in the Department of Health Sciences and Human Performance) was recently interviewed on flavored vaping products. Gary currently serves as Associate Director of the Hillsborough County Anti-drug Alliance.

<https://www.wfla.com/bloom/kids-health-flavored-vape-pods/>

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**Professor Mason Meers** (Biology) and recent graduate **Rebecca (Becky) Cook** (Biology) presented their research at the 19th Congress of the International Federation of Associations of Anatomists in London. Becky received the Cave Young Investigator Joint Runner-Up Best Poster Award 2019 for her poster. Additionally, they presented their work at Experimental Biology 2019 conference in May.





# Important Dates

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[UT Master Calendar](#)  
[UT Academic Calendar](#)

Wednesday, November 27- Thanksgiving Break  
Saturday, December 7- Last day of Fall Classes  
Friday, December 13- Fall Commencement  
Monday, December 16- Fall Grades Due

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Dean Greenwood will be hosting a “listening luncheon” for ten faculty in Panache on Monday, November 4<sup>th</sup>, beginning at noon. He will listen to whatever topics you care to bring up. The luncheon is open to any faculty, and is available to the first ten faculty who RSVP to Jana Davila ([JDavila@ut.edu](mailto:JDavila@ut.edu)).

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**Please send future news items to [jdavila@ut.edu](mailto:jdavila@ut.edu)**