



## CNHS Newsletter

Fall 2021

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### Dean Greenwood's Note



*Colleagues,*

*For me, the beginning of the academic year is a time of great optimism. As the new and returning students appear, the relative quiet of the summer months are pierced with the renewed promise of almost unlimited academic possibilities. Recent construction efforts have resulted in new chemistry and biology labs in the Cass Building, and a number of renovated teaching and research labs, and a suite of new offices, in the science wing. We welcomed a record number of new faculty, and a record number of new students to the college. I am honored to be able to support the exceptional teaching and scholarship you all do, and I wish you all great success this semester.*

*Best regards,*

A handwritten signature in black ink that reads "Paul J. Greenwood".

**Welcome all New and Returning Faculty!**

**2021 New CNHS Faculty**



Professor Robin Bairley  
Biology



Professor Robin Glenn  
Biology



Professor Karl Petersen  
Biology



Professor Jacob LaFond  
Biology



Professor Emily Durkin  
Biology



Professor Carlos Santamaria  
Biology



Professor Melissa Evans  
Chemistry, Biochemistry, Physics



Professor Lauren Logsdon  
Biology



Professor Alex Landy  
Biology



Professor Zeinab Motawe



Professor Mirvat Abdel Hadi  
Chemistry, Biochemistry, Physics

Biology



Professor Brett Hemric  
Chemistry, Biochemistry, Physics



Professor Katie Gordon  
Chemistry, Biochemistry, Physics



Professor Nadeesha Wijerathne  
Chemistry, Biochemistry, Physics



Professor Willie Leung  
Health Sciences and Human  
Performance



Professor Amy Lien  
Chemistry, Biochemistry, Physics



Professor Charrita Ernewein  
Nursing



Professor Roman Sereda  
Physician Assistant Medicine



Professor Jennifer Gellock  
Sport Management



Dhonnie Labang  
Physician Assistant Medicine

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## CNHS Happenings

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On June 2, 2021, the Physician Assistant Medicine Program hosted the Leadership Tampa Class of 2021 on Health Care Day. Class members were welcomed to UT by Dean Paul Greenwood (member of the 2020 Leadership Tampa Class). The class had the opportunity to engage with the synthetic cadaver, listen to the lungs and heart of the high-

fidelity patient simulator, experience the realistic feel of the skins used to train PA students how to suture and much more. The day ended with **Professor Marisa Belote (Physician Assistant Medicine)**, Simulation Director (& member of the 1999 Leadership Tampa Class), guiding a volunteer on how to deliver a baby.



The University of Tampa Physician Assistant Medicine Program hosted a ‘Diversity in Healthcare’ event. The event featured nationally recognized speakers to discuss Diversity in Healthcare with all three PA-student cohorts on August 14, 2021.

## Student Success



**Emma Stange**, CNHS Student, was selected as a Phi Kappa Phi Fellow and received \$8,500.00. Congratulations to Emma, the first UT student to receive this fellowship.



## Faculty and Student Scholarship

Congratulations to **Professor Kenyon Evans-Nguyen (PI)**, **Professor Kelly Deister**, **Professor Michele Crosby** and **Professor Christine Theodore (Chemistry, Biochemistry, and Physics)** who received a National Science



Foundation in the amount of \$360,000.00. The award includes acquiring a high resolution mass spectrometer equipped with an orbitrap analyzer, a direct analysis in real time (DART) interface and an ultrahigh pressure liquid chromatography (UPLC) unit.



Congratulations to **Professor Simon Schuler (Chemistry, Biochemistry and Physics)** who was co-investigator on 2 successful telescope proposals and recently published 2 papers.

- Detailed Composition of Stars in a Newly Identified Stellar Structure- Theia 456. Awarded 1.5 nights.
- Characterizing Seven Promising Cluster Benchmarks for Gyrochronology. Awarded 2.3 nights.
- First authored paper titled, “Combining Astrometry and Elemental Abundances: The Case of the Candidate Pre-Gaia Halo Moving Groups G03-37, G18-39, and G21-22”, The Astronomical Journal:

<https://iopscience.iop.org/article/10.3847/1538-3881/ac10c6>

(RISE Grant project and includes UT graduate Vincent Clanzly II and Mohammed Mourabit.

- Co-authored, "Detailed Abundances of Planet-Hosting Open Clusters. The Praesepe (Beehive) Cluster”, accepted for publication in The Astrophysical Journal

<https://arxiv.org/abs/2107.01472>



Congratulations to **Professor Eric Werner (Department of Chemistry, Biochemistry and Physics)** and his undergraduate

research group who were awarded a grant from the National Science Foundation through the Research in Undergraduate Institutions (RUI) program entitled “Development of Tripodal Ligands for Next-Generation Rare Earth Element Separations.” The grant will provide a total of \$388,704 over three years to support the next phase of a collaborative project between the labs of Professor Werner at UT and Professor Shannon Biros at Grand Valley State University.



**Professor James Weiner (Sport Management)** is a co-author of a textbook, *Sales and Revenue Generation in Sport*. The book, published by Human Kinetics, will release in Spring 2022.



**Professor Michael Middlebrooks (Biology)** and **Professor John Ambrosio (Biology)** along with UT Emeritus Professor Wayne Price (Biology) co-authored a publication titled *First Finding of the Family Rhynchomolgidae (Copepoda: Cyclopoida) In the Gulf of Mexico, With the Description of a New Species* in *Novitates Caribaea* (18:28-37, 2021).

**Professor Michael Middlebrooks (Biology)** had three presentations at the American Malacological Society Meeting. Two were with UT students including Daniela Gutierrez-Andrade who won an outstanding presentation award.

**Professor Maryann D'Alesandro (Nursing)** published *Supporting Students in Their First Clinical Experience* in *Nursing* (Volume 51, Number 9)



[https://journals.lww.com/nursing/Fulltext/2021/09000/Supporting\\_students\\_in\\_their\\_first\\_clinical.2.aspx](https://journals.lww.com/nursing/Fulltext/2021/09000/Supporting_students_in_their_first_clinical.2.aspx)



**Professors Eduardo De Souza, Joseph Walters, and Jay O'Sullivan (Health Sciences and Human Performance)** along with UT's students published an article in the *International Journal of Sports Medicine* entitled *Loaded Inter-Set Stretching for Muscular Adaptations in Trained. Males: Is the Hype Real?* <https://pubmed.ncbi.nlm.nih.gov/34375990/>

**Professor Eduardo De Souza (Health Sciences and Human Performance)** co-authored the article, *Pre-season in Soccer: A Paradox Between a High Volume of Technical/tactical Training and Improvement in the Neuromuscular Performance of Elite Women Soccer Players* in the *Journal of Sports Medicine and Physical Fitness* entitled <https://pubmed.ncbi.nlm.nih.gov/34028241/>

**Professors Eduardo De Souza, Joseph Walters, and Jay O'Sullivan (Health Sciences and Human Performance)** co-authored student abstract presentations at the National Strength and Conditioning Association National Conference last summer.

Murphy, A; Horwell, A; Bradshaw, J; Wadhi, T; Morrison, TE; Hollamon, V; Zazzo, S; Barakat, C; O'Sullivan, J; Walters, J; De Souza, EO. Muscle Hypertrophy Adaptations in Pectoralis Major and its Effect on Absolute Strength in Resistance-Trained Males. In: NSCA National Conference, 2021.

Horwell, A; Barakat, C; Murphy, A; Bradshaw, J; Wadhi, T; Morrison, TE; Hollamon, V; Zazzo, S; O'Sullivan, J; De Souza, EO; Walters, J. The Influence of Fat-Free Mass Adaptations on Muscular Strength in Trained Individuals. In: NSCA National Conference, 2021.

Bradshaw, J; Horwell, A; Murphy, A; Hollamon, V; Wadhi, T; Barakat, C; Walters, J; O'Sullivan, J; De Souza, EO. The Effects of Weekly Strength Training Volume on Changes in Regional Body Composition of the Lower Extremities in Strength-Trained Individuals. In: NSCA National Conference, 2021.

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## Summer Undergraduate Research Fellowships (SURF)

Congratulations to the following students receiving a Summer Undergraduate Research Fellowship (SURF).

- **Margaret Baker** is a Marine Science senior working with her mentor, **Professor Kim Dobrinski (Biology)**, on her project entitled "PCR Genetic Analysis of *Vibrio* sp. in Tampa Bay."
- **Maggie Dakin** is a Marine Science senior working with **Professor Jen Wortham (HSHP)** on "The Grooming Behaviors of Semi-terrestrial Ghost Crabs, *Ocypode Quadrata*."
- **Emily Friden** is a senior Chemistry Major being mentored by **Professor Robert Masserini (Chemistry, Biochemistry and Physics)** on "Red Tide in Tampa Bay: Fish Kills and Ammonium Enrichment Correlations."
- **Elise Gething** is a senior Biochemistry major working on her project "Umbilical cord stem cell differentiation to myoblasts as potential treatment for muscular dystrophy" with **Professor Pavan Rajanahalli (Biology)**.
- **Ella Hampson** is a senior Biology major being mentored by **Professor Bridgette Froeschke (Biology)** on "Examining the relationship among pathogenic bacteria with precipitation in Tampa Bay."
- **Annabella Hernandez** is a Marine Science major being mentored by **Professor Mike Middlebrooks (Biology)** for her project called, "A study on the population and photosynthetic behavior of the solar powered sea slug *Elysia zuleicae*."
- **Sean Knapp** is a Physics and Mathematics senior working with **Professor Simon Schuler (Chemistry, Biochemistry and Physics)** on his project entitled "Elemental Abundances of M67 Stellar Cluster."
- **Bailey Lake** is a senior Chemistry major working with **Professor Eric Werner (Chemistry, Biochemistry and Physics)** on "Variation of Ligand Scaffold for Targeted Lanthanide Metal Extraction."
- **Natalie Reece** is a junior Biochemistry major being mentored by **Professor Ashley Longstreet (Chemistry, Biochemistry and Physics)** on her project "Investigation into Utilizing Carbazoles as Photocatalysts to Form New Carbon-Carbon Bonds."
- **Daniel Maselli** is a Biology senior working with **Professor Eric Freundt (Biology)** on his project called "Investigating the Role of SARS-CoV-2 Accessory Proteins."



**Professor Nauris Tamulevicius (HSHP), Professor Eric Vlahov (HSHP) and Professor Fraser Houston (HSHP)** along with UT Alumni (Tanuj Wadhi and Ashmeet Anand) published "Effects of Acute Low-Frequency Pulsed Electromagnetic Field Therapy on Aerobic Performance during a Preseason Training Camp: A Pilot Study" in the International Journal of Environmental Research and Public Health: <https://doi.org/10.3390/ijerph18147691>

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## Important Dates

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[UT Master Calendar](#)

[UT Academic Calendar](#)

September 28 - Last Day to withdraw from first 7-week classes

October 18 - First 7-week classes end

October 20 - Second 7-week classes begin

October 26 - Deadline for graduate candidate names to appear in the December Commencement Program

November 1 - Registration begins for Spring and Winter

November 8 - Last day to withdraw from 14-week class

November 16 - Last day to withdraw from second 7-week class

November 24 - Thanksgiving Break

December 11 - Last Day of Fall Classes

December 13 - Fall final exams

December 16 - Fall Semester ends

December 17 - Fall Commencement

December 20 - Fall Grades Due

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