



CNHS Newsletter

Fall 2020

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Dean Greenwood's Note



Colleagues,

We're past mid-semester and the faculty, staff, and students of the College of Natural and Health Sciences are doing an exceptional job, despite the impact of Covid-19. I continue to be enormously impressed by the dedication of the faculty and staff to deliver the very best education to our students, while also being active and dedicated scholars, scientists, and clinicians.

This newsletter celebrates just a few of the recent professional accomplishments of our faculty and students, as well as showcasing connections among CNHS departments, CNHS faculty and students, the college and the UT community.

Finally, I'm quite sure you are all aware that November 3rd is election day. I encourage you all to vote, and I encourage you to encourage your students to vote as well.

CNHS Motto : *Connect – Transform – Succeed*

Cordially,

Faculty Presentations and Publications

Professors Rom Delacroix and Robin White
(Nursing) recently published a peer reviewed

article.

White, R. M., & Delacroix, R. (2020). Second victim phenomenon: Is just culture a reality? An integrative review. *Applied Nursing Research*, 151319.

Additionally, **Professor Delacroix** had two scholarly presentations in September.

Delacroix, R & Mohamed, E (September 15, 2020). Discussion panel: Improving documentations: "Cut and paste versus use of templates in Electronic Medical Records." Virtual Nursing Summit 2020

Delacroix, R (September, 14, 2020). Second victim phenomenon. Is just culture a reality? Keynote Lecture. Virtual presentation and Q&A Virtual Nursing Summit 2020.



Professor Eduardo De Souza (Health Sciences and Human Performance) coauthored a publication entitled "Is stronger better? Influence of a strength phase followed by a hypertrophy phase on muscular adaptations in resistance trained men" accepted for publication in the Research in Sports Medicine journal.

CARVALHO, L; MORIGGI JUNIOR, R; TRUFFI, G; SERRA, A; SANDER, R; **DE SOUZA, E.O**; BARROSO, R. Is stronger better? Influence of a strength phase followed by a hypertrophy phase on muscular adaptations in resistance-trained men. Research in Sports Medicine, 2020.

Professor Todd Campbell (Biology) and colleagues published an article in the journal Evolution.

Kamath, A., N.C. Herrmann, K. Gotanda, K. Shim, J. LaFond, G. Cottone, H. Falkner, **T.S. Campbell**, and Y.E. Stuart. In Press. Character displacement in the midst of background evolution in island populations of *Anolis* lizards: a spatiotemporal perspective. *Evolution* 74(10):2250-2264.



Professors Pad Mahadevan and Michael Middlebrooks (Biology) recently published articles, collaboratively and independently.



Mahadevan P, Middlebrooks ML Bacterial diversity in the clarki ecotype of the photosynthetic sacoglossan, *Elysia crispata*. Microbiologyopen. 2020 Sep;9(9):e1098. doi: 10.1002/mbo3.1098. <https://onlinelibrary.wiley.com/doi/10.1002/mbo3.1098>

Wittmann J, Turner D, Millard AD, **Mahadevan P**, Kropinski AM, Adriaenssens EM. From Orphan Phage to a Proposed New Family-the Diversity of N4-Like Viruses.

Antibiotics (Basel). 2020 Sep 30;9(10):E663. doi: 10.3390/antibiotics9100663. <https://www.mdpi.com/2079-6382/9/10/663>



Middlebrooks ML, Curtis NE, Pierce SK (2020) The complete disappearance of a long standing sacoglossan sea slug population following Hurricane Irma, despite recovery of the local algal community. Symbiosis 80: 231–237. <https://link.springer.com/article/10.1007/s13199-020-00670-3>

Professor Michael Middlebrooks also published an article with **Professor Sarah Cuccinello** (Biology).

Middlebrooks ML, Gutierrez-Andrade D, **Cuccinello SE** (2020) Range and dietary expansion of the Chromodorid Nudibranch *Felimare ruthae* (Ev. Marcus and Hughes, 1974). The Nautilus 134 (2): 92-94.



Professor Nauris Tamulevicius (Health Sciences and Human Performance) published an article and had two scholarly presentations.

Oviedo, G. R., Javierre, C., Font-Farré, M., **Tamulevicius, N.**, Carbó-Carreté, M., Figueroa, A., Pérez-Testor, S., Cabedo-Sanromá, J., Moss, S. J., Massó-Ortigosa, N., & Guerra-Balic, M. Intellectual disability, exercise and aging: the IDEA study: Study protocol for a randomized controlled trial. *BMC Public Health*. 2020, 20(1), 1266. Available at: <https://doi.org/10.1186/s12889-020-09353-6>



Presentations (with abstracts published in proceedings)

Tamulevicius N., Wadhi T., Tien J.J., Oviedo G.R., Aguado Loi C.X., Ortiz J.M., Rodriguez Z., Martinasek M.P. Migraine in College Students: Relationships of Exercise, Sleep And Stress.

Oviedo G.R., Javierre C., Carbó-Carreté M., **Tamulevicius N.**, Guerra-Balic M. Arterial Stiffness And Cardiorespiratory Fitness In Adults With And Without Down Syndrome: An Age-and

Accepted for presentation at the 67th American College of Sports Medicine Annual Meeting and World Congress on Exercise is Medicine, May 26-May 30, 2020, San Francisco, California. Abstract published in *Medicine & Science in Sports & Exercise*: July 2020 - Volume 52 - Issue 7S - p 1057
doi: [10.1249/01.mss.0000687096.55869.dc](https://doi.org/10.1249/01.mss.0000687096.55869.dc)

Sex-matched Study. Accepted for presentation at the 67th American College of Sports Medicine Annual Meeting and World Congress on Exercise is Medicine, May 26-May 30, 2020, San Francisco, California. Abstract published in *Medicine & Science in Sports & Exercise*: July 2020 - Volume 52 - Issue 7S - p 148
doi: [10.1249/01.mss.0000675072.04759.46](https://doi.org/10.1249/01.mss.0000675072.04759.46)



Professor Rebecca Olsen (Health Sciences and Human Performance) will be presenting “Mixed Method Inquiry for Performance Improvement” at the Florida Association of Healthcare Quality Annual Conference in October.

Faculty and Student Engagement



Professor Heather Masonjones (Biology) and Biology major, **Megan Pinder**, presented at the Bahamas and Natural History virtual conference in August.



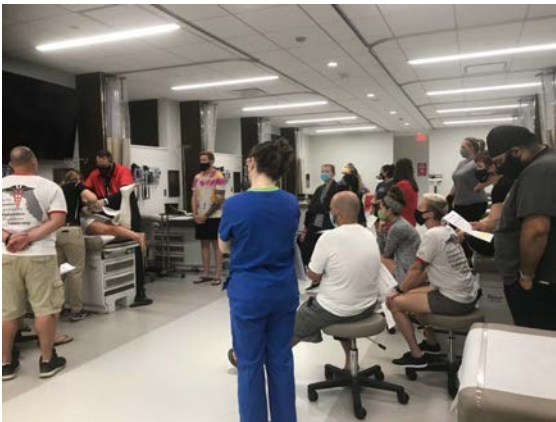
Masonjones, H and M. Pinder, 2020. Looking back to look forward: Connecting science to the community in the development of the proposed Seahorse National Park. Session 9: Get Involved: Community-Based Conservation of the Bahamas Natural History Conference – Virtual meeting, August 5, 2020.

Professor Elizabeth Sassatelli (Nursing) is currently recruiting subjects for a mixed-methods research study entitled, *The Long Term Physical and Psychological Consequences of Sex Trafficking on Women in Florida*, examining the long-term physical and psychological consequences of sex trafficking on women in Florida. This research is supported by an

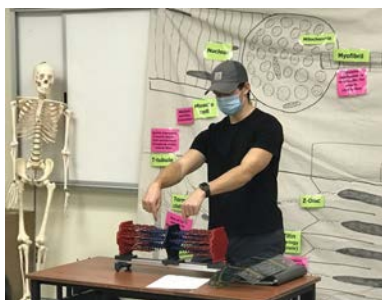
Undergraduate Research and Inquiry Grant from UT. Two senior nursing students (**Corinne Fanta** and **Katherine Justus**) are also involved on this project. The research has received interest and support from the Office of the Florida Attorney General.



Professor JC Andersen (Health Sciences and Human Performance) and his Athletic Training student, **Natasha Nichols**, provided the second year Physician Assistant students with instruction on ankle and forearm splinting. This hands-on experience was well received and a wonderful experience for the students.



Professor Heidi Borgeas (Health Sciences and Human Performance) actively engages her students in the teaching process during Anatomy and Physiology class.



Professor Steve Kucera (Biology) and several former students published an article.

fs(1)A1304¹ is a 5' UTR deletion of the essential gene small ovary in *Drosophila*
Myles Hammond, Jillian G. Gomez, Brian Oliver,
Steve Kucera and Leif Benner

<https://www.micropublication.org/journals/biology/micro-pub-biology-000246/>

Leif Benner is a UT alum and is currently finishing his doctoral program in developmental genomics at a joint NIH/Hopkins program.

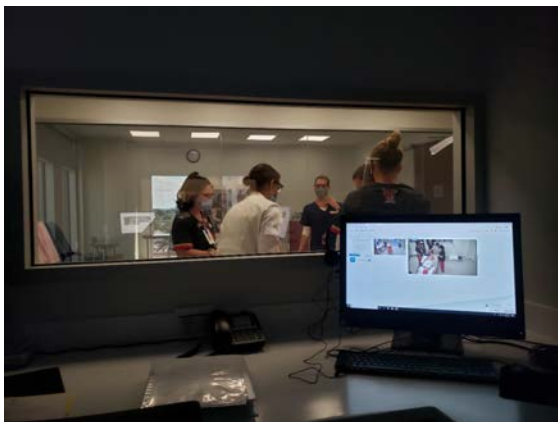
Myles Hammond graduated last December and recently began a doctoral program in Integrative and Comparative Genomics at UC Davis with a full ride of tuition waiver and financial support.

Jill Gomez graduated last May and started a fellowship at the NIH under the supervision of Brian Oliver, Ph.D., who is also supervising Leif. Jill works in Leif's lab and is continuing the work on the project started at UT. She plans to attend medical school.

Jill and Myles are Professor Kucera's former research students and were supported by a Biology department summer research fellowship and Myles was supported by a grant.



UT Nursing faculty work with students during Code Blue Simulation lab.



UT Community Involvement

Public Health students participating in the Breathe Easy tabling event share valuable tips during Covid-19. Pictured left are **Briana Lipski** and **Rheese McNab**.

UT students stopped by the table to gather tips and items to remind them to wash their hands and avoid sharing of products.



The **All In Democracy Coalition** at UT is aiming to increase the student voting rate. They just launched an Instagram campaign, and have three urgent requests.

1. Encourage your students/faculty/staff to follow us on Instagram @utampavote.
 2. Share their content on your own Instagram feed.
 3. Encourage students to send in a testimonial video of why they vote. Guidelines: Must be under one minute, and can't mention a political party or candidate. Focus on issues they are passionate about, the importance of civic engagement, making your voice heard, making a difference, etc. Submit here: <https://docs.google.com/forms/d/e/1FAIpQLSfJb4xPi1-ZIsS5WfxgTShX4MQ27ZMT-yspRb6AEVqnJofZSg/viewform>
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Important Dates

[UT Master Calendar](#)

[UT Academic Calendar](#)

January 19 - Spring semester starts
February 22 - Summer registration begins
March 15 - Incomplete grade deadline from fall and winter
April 5 - Registration for fall semester begins
May 1 - Last day of spring semester
May 8 - Spring commencement

Please send future news items to jdavila@ut.edu