



News fEEB

Ecology and Evolutionary Biology Monthly Newsletter

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Monthly Discussion

Social media networks have become a unique tool for building connections and amplifying opportunities such as: job openings, post-doc positions, graduate school resources, highlighting new publications, webinar series, finding special issue publication submissions, and so much more!

If you have chosen not to use social media as a networking tool, is there a specific reason or experience that you can recall that led to that decision? What may be some of the pros and cons of social media as a professional tool?

Want to join the discussion?

***Respond to the corresponding email OR
Tweet your response using #TAMUEEB***

Upcoming Events

- Nov. 2 Dr. Andrea Kessler**, Chemical information driving plant interactions and community dynamics
- Nov. 3 ELECTION DAY!**
- Nov. 9 Dr. Sanjay Antony-Babu** Bad guys need friends too: pathobiomes of interkingdom interactions in pathogenesis
- Nov. 16 No seminar**
- Nov. 17** Anti-racist working group meeting at noon zoom id: 97960180126 PW:science
- Nov. 23 Dr. Roberto Mendoza**, Multidisciplinary research for the domestication of the alligator gar in Mexico
- Nov. 17** Anti-racist working group meeting at noon zoom id: 97960180126 PW:science
- Nov. 26-27 BREAK!**

Follow us on Social Media!

Twitter: [@TAMUEEB](https://twitter.com/TAMUEEB)

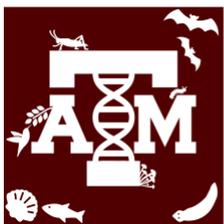
[Facebook](#)

And updates on our [website!](#)

You or a colleague accomplish something? Let us know by tweeting #TAMUEEB

Want to submit a story or announcement for the News fEEB?

Let us know by [clicking HERE](#)



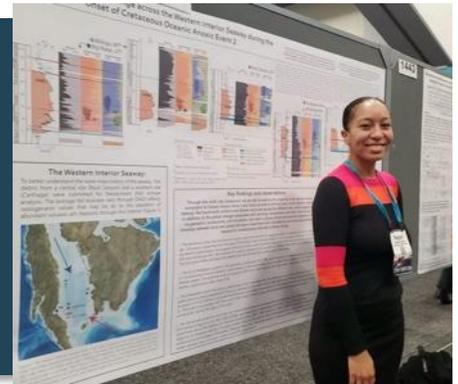
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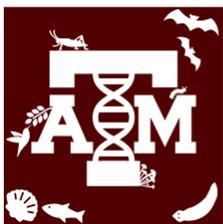
EEB Spotlight

This last month was [#HispanicHeritageMonth](#) and [#LatinxHeritageMonth](#) (September 15th-October 15th) we took the opportunity to celebrate the [#LatinxinSTEM](#) within our very own community here at TAMU. It is crucial to provide an inclusive community for the betterment of science and who is doing the science. Currently, science innovation and ingenuity is more likely to come from scientists who have been historically excluded from participating. However, they are not being rewarded with publications or job positions as much as their White male counterparts ([Hostra et al. 2020](#)). Therefore, by highlighting these scientists work via Twitter we hope to broaden their networks and visibility to increase their network. Furthermore, with a lack of [representation](#) of Latinx scientists currently in higher positions of power, it diminishes younger generations to recognize themselves as scientists in the future ([Schinske et al. 2017](#)). Thus, supporting the Latinx scientists around us and providing them platforms especially in public outreach are essential to building a more inclusive future in science. Lastly, the ramifications of Ecology and Evolutionary Biology investigation is international, and needs international prospective and collaboration to effectively understand processes. Incorporating the public into research in order to learn about ecological systems that have been heavily interacted with local people can provide some insightful evidence ([Johnson and Jackson 2015](#)). Additionally, it is crucial for effective communication and dissemination of information to have someone whom speaks a native language of these international ecosystems. Please keep inclusion initiatives and ramifications at the top of your list when thinking about your science, as all of us are a part of facilitating a role in this ecosystem of EEB.

Dr. Raquel Bryant (@foramsraqu) uses fossil foraminifera to study ancient ocean change. Forams are sensitive to changes in their environment, so we can use them to examine change in the ocean through geologic time and during intervals of abrupt climate change. She is most interested in studying times of extreme global warmth, like during the Late Cretaceous. Her favorite place science has taken her is across the ocean from San Diego to Honolulu when she got to sail on a research vessel while conducting field work. Her favorite part was waking up in the middle of the Pacific Ocean every day!



Milton Torres Ceron, M.S. (@miltontc) has spent the last 10 years working to understand the impacts of environmental change on ecosystems, with an emphasis on aquatic systems. He is a PhD student in the Population Ecology lab of Dr. Fujiwara. His current research is focused on the effects of extreme events on estuaries. His favorite music style is middle eastern music and Latin music, being Fonseca, Ishtar Alabina and Revivo Project his favorite singers.



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Daniel J. De Jesus (@danieljdejesus), is currently developing a project on the courtship behavior of *Xiphophorus* swordtail fish. He is conducting a wide-scale comparative study on the inter- and intraspecific biogeographic diversity of courtship behavior and physiological color change in the fiddler crab *M. rapax* from Texas, throughout Puerto Rico, to southern Brazil. Daniel is also dedicated to developing innovative methodologies for biology education.



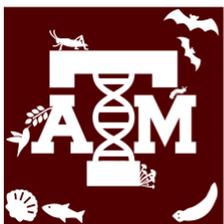
Jorge H. Medina-Duran, M.S. (@jorgevol1) is broadly interested in macroevolutionary processes, so for his PhD dissertation he aims to continue the study of parasite-insect interactions combining field work and molecular experiments, to understand aspects such as their diversity, parasite effects on the hosts, and their coevolution. He is specifically studying the gregarine-orthoptera system, and his research involves a lot of field work, which he loves! Jorge's favorite song is el corrido de Manuel Juarez!

Paola Fascinetto Zago, M.S. is from Puebla, Mexico and is in the Rosenthal Lab in the Department of Biology. Her research interests are centered around animal behavior and evolutionary ecology. She wants to know if animal personality affects cognitive strategies in two species of swordtails and their hybrids. Moreover, she wants to shed light on the non-sexual mechanisms that affect mate choice in these fish.



Arani Cuevas-Sanchez (@aranicuevas) is in the Jurgens Lab in the Department of Marine Biology, at TAMUG. She is from Michoacán, Mexico and grew up in Portland, Oregon. For her PhD she plans to investigate how marine communities respond to ecologically relevant stressors through field and laboratory experiments. To amplify the voices of underrepresented minorities in the Marine Sciences, she along with 4 other PhD students, developed an organization. You can find out more about their efforts and learn how you can support URM in Marine Science at latinxmarinesci.com and @LatinxMarineSci.

Andrea Miranda, is an undergraduate student in the Rangeland Wildlife and Fisheries Management Department in the lab of Dr. Mariana Mateos. She is examining the effects of Spiroplasma and its outcomes related to parasitism by two previously uncharacterized wasp species collected in the Texas Hill Country; *Ganaspis* sp. and *Leptopilina*, and *L. clavipes*.



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EEB Recruiting Opportunities

Jorge H. Medina-Duran is currently creating an EEB program 'commercial' to use for recruiting purposes for our program. Therefore, he is requesting that EEB affiliates (faculty, post-docs, and students) submit quick video's introducing themselves and explaining your research while acknowledging the intersection between your science and social, racial, and environmental justice. He has provided some example videos in his email to the EEB listerv on 10/22/20. Please email him with any further questions and to submit your videos jorgemedinad@tamu.edu

If you are struggling to understand exactly what Jorge is looking for here is an example from Jordan Salomon's research...

The CDC currently estimates that 300,000 individuals live with Chagas disease within the US. Additionally, the CDC estimates that 300,000 cases of Lyme disease may occur each year. However, the funding that supports these two different diseases is drastically different, as well as the demographics of whom is burdened by these diseases. Lyme disease is funded significantly more money and burdens White communities with higher education and yearly income. Compared to Chagas disease, which is a neglected tropical disease, disproportionately burdens low income and latinx communities. With these socioeconomic/health disparities in mind, I hope my research leads to innovative and sustainable management tools to prevent transmission of Chagas disease for the most at risk communities.

COVID-19 Resources

[TAMU Face Covering Guidelines](#)

[CDC: Community, Work, and School](#)

[TAMU Student Return Training](#)

[TAMU COVID-19 Guidance Website](#)

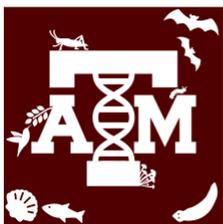
[Texas DSHS COVID-19 Website \(including case numbers and testing sites\)](#)

[Student Health Services: \(979\)-458-8310](#)

Voting Resources!

Here is a [link](#) to some compiled resources on understanding the people and propositions on the local ballots!

Here is a [link](#) to the election day polling places and times they are operating!



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