# As always – check out our community events at our Science 2024 calendar:

# <https://tockify.com/hasta/agenda>

# ʻIolani School STEMplus: AI in the Classroom

Tue Jan 23rd 5:00pm - 7:00pm

ʻIolani School - Sullivan Center 4th Floor Project Space, 563 Kamoku Street, Honolulu, HI 96826, USA



ʻIolani School teachers, Gabe Yanagihara and Kim Tsiang will share their insights and experiences in integrating Artificial Intelligence (AI) and machine learning into the curriculum. Engage with interactive AI tools and strategies to inspire students across all grades! Join us in thought-provoking discussions that will inspire you to reimagine education in the digital age.

Register [Here](https://docs.google.com/forms/d/e/1FAIpQLSfHjg_t_RwqhShnC3K1lrO_KRWQ1P-YaCv5IUwNE-yuA3n4pw/viewform?usp=send_form)

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| ***Connecting You to America's Ocean and Great Lakes Treasures***[National Marine Sanctuaries Webinar Series](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vc2FuY3R1YXJpZXMubm9hYS5nb3YvZWR1Y2F0aW9uL3RlYWNoZXJzL3dlYmluYXItc2VyaWVzLmh0bWw_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPUdvdkRlbGl2ZXJ5IiwiYnVsbGV0aW5faWQiOiIyMDI0MDExNi44ODYwMTQ5MSJ9.u5rlrr3GPRtwi0LGSDCN3PhcAaQwPej9eoxDbo8vz_Q/s/717434665/br/235321745834-l) |
| [Coconut Palms, Seabirds, Coral Reefs and Sea Level Rise](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vYXR0ZW5kZWUuZ290b3dlYmluYXIuY29tL3JlZ2lzdGVyLzUyMjUwOTI5OTU3ODAxMzUyNTQ_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPUdvdkRlbGl2ZXJ5IiwiYnVsbGV0aW5faWQiOiIyMDI0MDExNi44ODYwMTQ5MSJ9.6Zc7mgCogIzkqmypD-JlKtUQv4th5a08yhDeCAHSltQ/s/717434665/br/235321745834-l)January 23, 20243 pm Hawai`i / 5 pm Pacific / 7 pm Central / 8 pm Eastern  |  | | --- | |  |  |  | | --- | |  |   As a Lead Scientist for The Nature Conservancy, Alex Wegmann, PhD. works in thematic areas of land-sea connectivity, invasive species, seabird restoration, natural climate solutions, coral reef resilience, pelagic conservation, sustainable fisheries, and the application of biotechnology-based solutions to conservation challenges. His responsibilities include advancing cutting-edge science to inform investment and actions at Palmyra Atoll, throughout the Pacific region, and at global scales. Alex organizes and participates on multilateral teams to drive scientific research agendas focused on The Nature Conservancy’s priority conservation challenges. Join Dr. Alex Wegmann as he takes us to a remote island in the Pacific Ocean and shares how connected we are to it.  This webinar is co-sponsored by NOAA’s Olympic Coast National Marine Sanctuary and Feiro Marine Life Center.  The [National Marine Sanctuaries Webinar Series](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDQsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vc2FuY3R1YXJpZXMubm9hYS5nb3YvZWR1Y2F0aW9uL3RlYWNoZXJzL3dlYmluYXItc2VyaWVzLmh0bWw_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPUdvdkRlbGl2ZXJ5IiwiYnVsbGV0aW5faWQiOiIyMDI0MDExNi44ODYwMTQ5MSJ9.IfIgU8xDKdIfkTADJ5X3Ie4-xW5FGJJ7ePKlGYya6vY/s/717434665/br/235321745834-l) provides educators with educational and scientific expertise, resources, and training to support ocean and climate literacy in the classroom. This series currently targets formal and informal educators, students (high school through college), as well as members of the community, including families. You can also visit the archives of the webinar series to catch up on presentations you may have missed [here](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDUsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vc2FuY3R1YXJpZXMubm9hYS5nb3YvZWR1Y2F0aW9uL3RlYWNoZXJzL3dlYmluYXItc2VyaWVzLWFyY2hpdmVzLmh0bWw_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPUdvdkRlbGl2ZXJ5IiwiYnVsbGV0aW5faWQiOiIyMDI0MDExNi44ODYwMTQ5MSJ9.0kzWq_ftFFRMgrbZuUGLbS0MFQ2tNAECIIjaLGJrlqU/s/717434665/br/235321745834-l).  After registering you will receive a confirmation email containing information about joining the webinar. The Webinar ID is 173-134-299.   |  | | --- | | [REGISTER HERE](http://register.gotowebinar.com/register/5225092995780135254?utm_medium=email&utm_source=GovDelivery) |  |  | | --- | |  | |

Good morning,

Join hosts Dr. Rachael Arens, Associate Researcher at NAU PLANETS and Luke Henke, Education Advisor for NASA HEAT, on **Thursday, Feb. 1st at 7pm CT/ 8pm ET** as they welcome Dr. Sharon Bowers and Joan Harper-Neely from NASA eClipsto explore new resources and learn about the importance of Luna, Earth’s moon. This webinar is targeted for formal and nonformal educators of learners in grades 3-12.  All introduced resources will be organized in a LiveBinder for easy access.

Access registration [**here**](https://forms.gle/MZfGT37c7eCALc6B8)!

Also, our **past episodes** are currently being moved to an updated page on [NASA Science](https://science.nasa.gov/). Stay tuned for further resource information!

We hope to see you all on Feb. 1st!

Best,

Dr. Rachael A. Arens, Ed.D.

Research Associate for NAU PLANETS

AFA/Rolls Royce 2020 National Teacher of the Year

U.S. Presidential Award for Environmental Education

Twitter: @ArensRachael



Happy New Year, fellow TIES teachers!

TIES has a great webinar series scheduled for 2024. There is something for everyone, but the big event is on Darwin Day. Dr. Kenneth Miller, the greatest defender of evolution education (and possibly the author of your biology textbook), will be joining Kenny for a webinar titled, [The Human Difference: How Evolution Fashioned the Earth's Most Extraordinary Creature](https://us02web.zoom.us/meeting/register/tZIqf-qrqDouGNAKaC8goP12joWFVw-Xw7r4), on Darwin Day. How cool is that?

Our webinars are always free, and students are encouraged to attend as well or watch later. The times listed below are EST times.

Monday, February 12, 6:00 PM (Darwin's Birthday!)-[The Human Difference: How Evolution Fashioned the Earth's Most Extraordinary Creature by **Ken Miller**](https://us02web.zoom.us/meeting/register/tZIqf-qrqDouGNAKaC8goP12joWFVw-Xw7r4)

**Ken Miller** is Professor of Biology, Emeritus, at Brown University and recipient of the Stephen J. Gould Prize from the Society for the Study of Evolution. He has written extensively on Evolution, and was the lead witness in the landmark Kitzmiller v. Dover trial in 2005 on the teaching of "Intelligent Design."  Together with Joseph S. Levine, he is the author of the nation's leading high school biology textbook. He also serves as President of the National Center for Science Education.

Thursday, February 15, 2024 - 7:00 pm-

[Hal Johnston’s Duel to the Death: Evolution, Genesis and the Great Scopes Monkey Trial of 1925](https://us02web.zoom.us/meeting/register/tZMrfuqtpjgjE9C9oeJKH1l7lIWtGNMx0tld" \t "_blank)

Friday, March 1, 2024 - 2:00 pm-

[Birds and Flowers: An Intimate 50 Million-Year Relationship by Jeff Ollerton](https://us02web.zoom.us/meeting/register/tZEqde6qqzovH9KlY_4pfkVGwrEU55pkS8AK" \t "_blank)

Tuesday, March 19, 2024 - 6:00 pm-

[Beyond DNA: How epigenetics is transforming our understanding of evolution](https://us02web.zoom.us/meeting/register/tZMsdu-pqjovHNLGWYdhDT8v0beN3drCbgEG" \t "_blank)

Kenny and I wish you a happy and healthy 2024,

Bertha

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Bertha Vazquez

Director, The Teacher Institute for Evolutionary Science

Education Director, The Center for Inquiry

[www.tieseducation.org](http://www.tieseducation.org/)

[www.sciencesaves.org](http://www.sciencesaves.org/)

[www.generationskeptics.org](http://www.generationskeptics.org/)

Join on Facebook:

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[ScienceSaves](https://www.facebook.com/ScienceSavesOrg)

[Generation Skeptics](https://www.facebook.com/generationskeptics)

Aloha,

We still have spots left for the**ʻIke Loa: Symposium on Postsecondary Transition of Neurodivergent Students Having Potential in STEM**, to be hosted by the University of Hawai’i at Mānoa, Center on Disability Studies faculty and researchers of CLD TEAMS, BEAM, and NSF INCLUDES TAPDINTO-STEM team projects on **Monday, February 26, 2024, 9:00am to 4:00pm (HST)** at the Campus Center Ballroom (third floor) at the University of Hawai’i at Mānoa.

**For details, please see the attached flyer.**

[**Register**](https://docs.google.com/forms/d/e/1FAIpQLSdfoIQcHzt31IBmBEhY0iGWsSgAwFtxtef4hMvLJzguH_Sr1A/viewform?usp=pp_url) **by February 9, 2024. No costs to attend.**

Light breakfast and lunch will be provided.

For more information visit [the symposium website](https://pacrim.coe.hawaii.edu/neurodivergent-pre/).

**Who Should Attend?** High school and college faculty and administrators, high school and college students, employers, researchers, practitioners, parents and other community members.

Please share this widely with anyone who might be interested.

We hope to see you at the event!

Mahalo,

ʻIke Loa Symposium staff

\*The event is limited to 100 individuals, and priority will be given to secondary teachers and administrators. Participation fees are made available through a co-sponsorship by the U.S. Department of Education, Gifted and Talented Education Program funded  
projects, BEAM and CLD TEAMS, and by the NSF Eddie Bernice Johnson INCLUDES initiative TAPDINTO-STEM.

For Hawaiʻi Island attendees, a limited number of transportation support is available. Please indicate your needs in the registration form.

\*\*ʻIke Loa: Symposium on Postsecondary Transition of Neurodivergent Students Having Potential in STEM is a pre-event of the 39th Annual Pacific Rim International Conference on Disability and Diversity hosted by the Center on Disability Studies, College of Education, University of Hawaiʻi at Mānoa, February 27 – 28, 2024 at the Hawai‘i Convention Center, Honolulu, HI.

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# News you can use from [NOAA Planet Stewards](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vb2NlYW5zZXJ2aWNlLm5vYWEuZ292L2VkdWNhdGlvbi9wbGFuZXQtc3Rld2FyZHM_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPUdvdkRlbGl2ZXJ5IiwiYnVsbGV0aW5faWQiOiIyMDI0MDExNy44ODY2MzQ5MSJ9.f0yKq_JkYKdBPLi9zluvVqxBLPlEUauELVDrAEVsn6M/s/717434665/br/235478150438-l)

### January 17, 2024

## **Keep Up with NOAA Planet Stewards:**

* [NOAA Planet Stewards Website](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vb2NlYW5zZXJ2aWNlLm5vYWEuZ292L2VkdWNhdGlvbi9wbGFuZXQtc3Rld2FyZHMvd2VsY29tZS5odG1sP3V0bV9tZWRpdW09ZW1haWwmdXRtX3NvdXJjZT1Hb3ZEZWxpdmVyeSIsImJ1bGxldGluX2lkIjoiMjAyNDAxMTcuODg2NjM0OTEifQ.KSMtEdV-d4xi0muOiTVA5KAIDe5bwLweiXT_95FXwf8/s/717434665/br/235478150438-l)
* [NOAA Planet Stewards Upcoming Events](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vb2NlYW5zZXJ2aWNlLm5vYWEuZ292L2VkdWNhdGlvbi9wbGFuZXQtc3Rld2FyZHMvdXBjb21pbmcuaHRtbD91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9R292RGVsaXZlcnkiLCJidWxsZXRpbl9pZCI6IjIwMjQwMTE3Ljg4NjYzNDkxIn0.DK1O_rsMxYNL3iK02osOngeio8VRsEIcmPjEtQWbih0/s/717434665/br/235478150438-l)
* [NOAA Planet Stewards Educational Resources](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDQsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vb2NlYW5zZXJ2aWNlLm5vYWEuZ292L2VkdWNhdGlvbi9wbGFuZXQtc3Rld2FyZHMvcHNlcC1yZXNvdXJjZXMuaHRtbD91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9R292RGVsaXZlcnkiLCJidWxsZXRpbl9pZCI6IjIwMjQwMTE3Ljg4NjYzNDkxIn0.oBpjJoQ06jG9bokrnyq-2R7FDC0f5ETgFh8FMaJh80Q/s/717434665/br/235478150438-l)
* [Sign up to receive NOAA Planet Stewards The Watch e-newsletter](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDUsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vcHVibGljLmdvdmRlbGl2ZXJ5LmNvbS9hY2NvdW50cy9VU05PQUFOT1Mvc3Vic2NyaWJlci9uZXc_dG9waWNfaWQ9VVNOT0FBTk9TXzEzOSIsImJ1bGxldGluX2lkIjoiMjAyNDAxMTcuODg2NjM0OTEifQ.HDAp0x02evDSquke4WMjbmmSKg1KAQjyKWmWeAtJsTc/s/717434665/br/235478150438-l)

Access our archive collections:[past webinars](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDYsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vb2NlYW5zZXJ2aWNlLm5vYWEuZ292L2VkdWNhdGlvbi9wbGFuZXQtc3Rld2FyZHMvd2ViaW5hci1hcmNoaXZlcy93ZWxjb21lLmh0bWw_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPUdvdkRlbGl2ZXJ5IiwiYnVsbGV0aW5faWQiOiIyMDI0MDExNy44ODY2MzQ5MSJ9.vBITio7h72C6zKcDz_YfDB2BwK6DutioHVQCMu--kfU/s/717434665/br/235478150438-l), [book club selections](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDcsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vb2NlYW5zZXJ2aWNlLm5vYWEuZ292L2VkdWNhdGlvbi9wbGFuZXQtc3Rld2FyZHMvYm9va2NsdWIuaHRtbD91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9R292RGVsaXZlcnkiLCJidWxsZXRpbl9pZCI6IjIwMjQwMTE3Ljg4NjYzNDkxIn0.FJrrpDIpvPqJGOoLltHUSvqSR8Dtv7Fl2KNtSV56LGk/s/717434665/br/235478150438-l), and [the newsletter!](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDgsInVyaSI6ImJwMjpjbGljayIsInVybCI6Imh0dHBzOi8vb2NlYW5zZXJ2aWNlLm5vYWEuZ292L2VkdWNhdGlvbi9wbGFuZXQtc3Rld2FyZHMvdGhlLXdhdGNoLWFyY2hpdmUuaHRtbD91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9R292RGVsaXZlcnkiLCJidWxsZXRpbl9pZCI6IjIwMjQwMTE3Ljg4NjYzNDkxIn0.FrKBpggSPYjMgPeTKWQhyDjOAJhrrRfXNy7zfSSn8Hs/s/717434665/br/235478150438-l)

### Did a colleague or friend share this copy of The Watch with you?

### Thank them, then sign up to receive it.  See the sign-up link above!

There are great resources – I only shared a few – I recommend you sign up for their newsletter.