

Dear Friends,

We hope 2023 has been off to a great start for you and your family. In this newsletter, enjoy hearing about our latest research expeditions in Galapagos – including a special behind the scenes glimpse at what it is like to be on a marine expedition for weeks at a time. You will also hear from UNC Kenan-Flagler students who recently visited our Galapagos Science Center to explore global sustainability trends, get a closer look at some of our community outreach projects that have impacted over 2500 community members annually, and much more!

**Support UNC Center for Galapagos Studies** 

Marine Expedition Helps Protect Marine Biodiversity and Understand Climate Variability



Since 2014, researchers from the Galapagos Science Center have conducted marine expeditions to better understand climate variability and the population and health status of emblematic species in the Galapagos Marine Reserve. In November 2022, the latest marine expedition took place – this time during a La Niña event – and the data collected will help to evaluate the effects of climate change on the Galapagos ecosystem and potentially help with decision-making on how to best preserve the Galapagos Marine Reserve.

# **UNC Kenan-Flagler Business School visits GSC to Learn About Global Sustainability**



We are proud that our Galapagos Science Center has the opportunity to shape future leaders into global citizens. Hear from <u>students at UNC Kenan-Flagler Business School who recently visited the GSC</u> to have a once in a lifetime opportunity to study abroad, explore another culture, and better understand how international businesses operate.

## **Creative Cartography**



UNC Geographer Javier Arce-Nazario is leading a research effort to help farmers in the Galapagos Islands better understand their agricultural

landscape in a new way using drone technology. Javier <u>uses innovative</u> <u>mapping technologies</u> to help communities in the Galapagos Islands, Puerto Rico, and beyond in the hopes of making islands such as these more sustainable.

## **Behind the Scenes of a Galapagos Marine Expedition**



Ever wonder what it is like to conduct research for weeks at a time on a boat, off a remote archipelago? Want a glimpse into how to modify a plastic garden shed to become a state-of-the-art oceanographic lab? Enjoy this <u>photo essay by UNC researcher Adrian Marchetti</u> as he shares the highlights, challenges, and sheer beauty of his work in Galapagos as he and his team continue to measure the effects of the ongoing La Niña in Galapagos.

## **Serving the Galapagos Community**



We recognize that research and action are most impactful and successful when they are part of a larger community, which is why the GSC has shown a long-term commitment to the communities of the Galapagos to better understand the complex interactions among people and the environment in which they live. The GSC is proud of its contribution to sustainable development and greater environmental awareness in the local community

and you can hear more about some of the GSC's community outreach projects in this <u>comprehensive video</u>.

### With Love, From Galapagos



There are so many reasons to love Galapagos! This past Valentine's Day we created a <u>fun montage of quotes</u> from UNC leadership, researchers, and students to share why they love these precious islands.

## Support UNC Center for Galapagos Studies

I hope you enjoyed reading these impactful stories from Galapagos and look forward to sharing more with you in the future! If you would like to support our Center to allow us to continue making an impact in this way please click <a href="here">here</a> or feel free to reach out to me at <a href="weaverk@email.unc.edu">weaverk@email.unc.edu</a> to arrange a phonecall or Zoom to learn more!

Kind regards,

Kelly Weaver
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