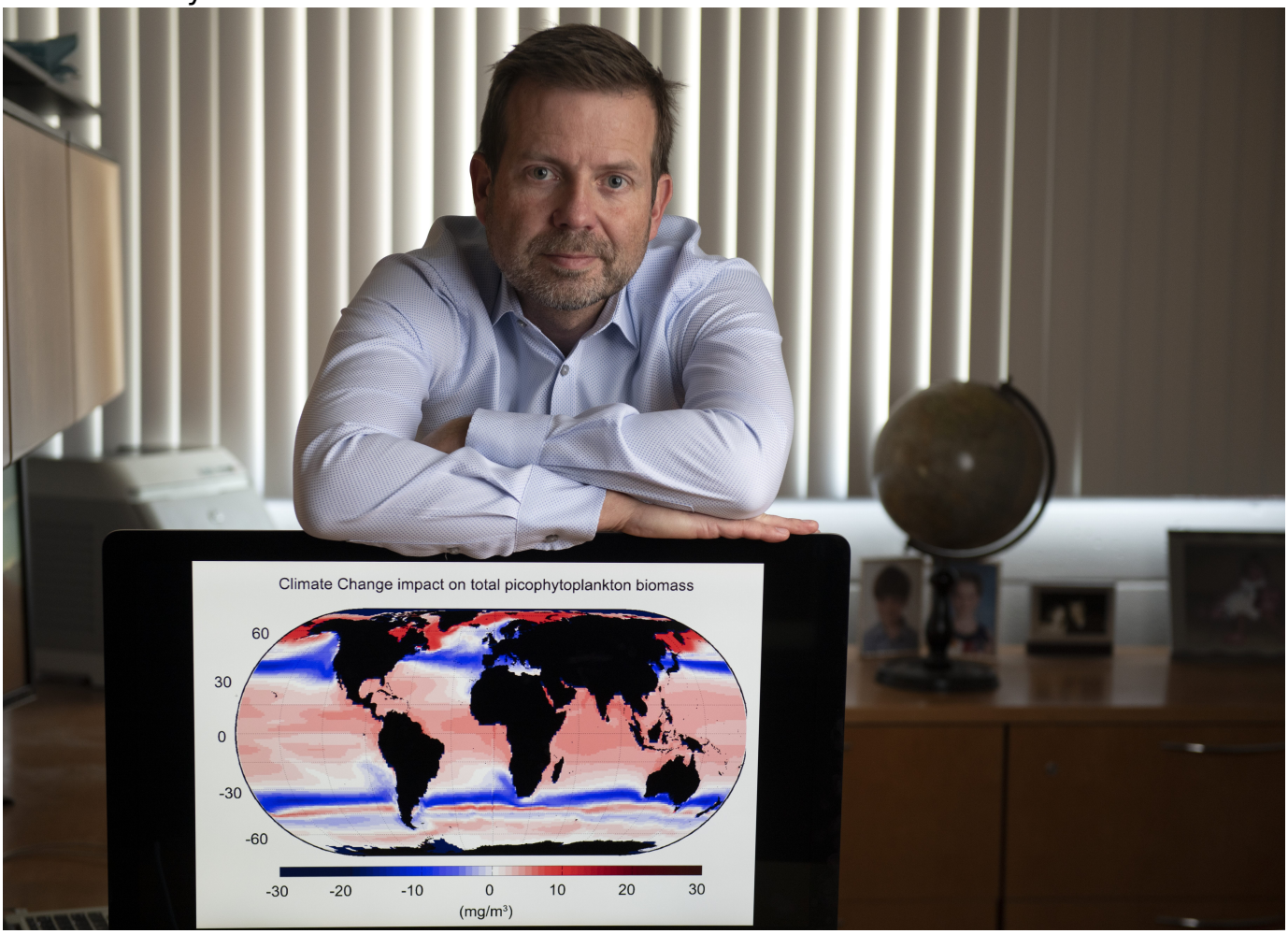
Professor Adam Martiny elected fellow of American Academy of Microbiology

Martiny’s research focuses on the impact of climate change on the oceans.
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UC Irvine's Professor Adam Martiny researches how climate change is altering marine nutrient cycles. In 2022, his lab helped assess the impact of an Orange County oil spill on marine microorganisms.

Picture Credit:
Steve Zylius / UC Irvine

Professor Adam Martiny, who has a dual appointment in the UC Irvine Department of Earth System Science and the Department of Ecology and Evolutionary Biology, was recently elected a fellow to the American Academy of Microbiology – an honorific group of scientists within the American Society for Microbiology that seeks to recognize excellence within various microbiological fields. The honor recognizes Martiny’s leadership in the field of microbial oceanography. Through a combination of genomics, biogeochemical modeling and field studies, Martiny has provided key insights into microbial adaptation, population dynamics and their role in the global ocean carbon, oxygen and nutrient cycles. His lab’s research has broad implications for understanding ecosystem resilience and biogeochemical feedbacks related to climate change. “I am deeply honored to be elected a Fellow of the American Academy of Microbiology," said Dr. Martiny. "Microbes are the unseen engineers of our planet, and I hope our research continues to shed light on their critical role in maintaining ocean health and regulating Earth's climate."

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