The Exploratorium and C-MORE: Engaging the Public with Marine Microbiology

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Thalassiosira
Living Liquid

Engaging the public with current research on ocean microbes through visualization tools

NSF ISE Pathways Grant #1011084
Collaborative Development

C-MORE

Visualization Interface and Design Innovation Group, UC Davis

Exploratorium
Can we create visualization tools visitors can use to make their own discoveries about marine microbes?
C-MORE researchers embedded in development

• Identify critical research questions and “stories”
• Provide data, visualizations, and other tools
• Collaborate in exhibit development
• Review and critique projects with researchers
modeling the marine ecosystem

- "genetics/physiology" encoded in parameters for growth and predation

- "environment" – physical and chemical provided by 3-dimensional ocean circulation and biogeochemistry model

http://darwinproject.mit.edu

Stephanie Dutkiewicz, MIT
Distribution of Dominant Functional Groups

Oliver Jahn, MIT
Thank you!

Mick Follows
Stephanie Dutkiewicz
Oliver Jahn
Ed DeLong and his lab
David Karl and Eric Grabowski
Barb Bruno
Penny Chisholm and her lab
Jon Zehr and his lab
Michael Rappe
Paul Kemp and Lydia Baker

Joyce Ma, Exploratorium
Eric Socolofsky, Exploratorium
Lisa Sindorff, Exploratorium
Kwan-Liu Ma, UC Davis
Isaac Liao, UC Davis
Jim Cloern and Tara Schraga, USGS
Rafe Kudela and Anna McGaraghan, UCSC

Grant #1011084