

A photograph of a vast ocean with white-capped waves under a bright blue sky filled with fluffy white clouds. The text is overlaid on the center of the image.

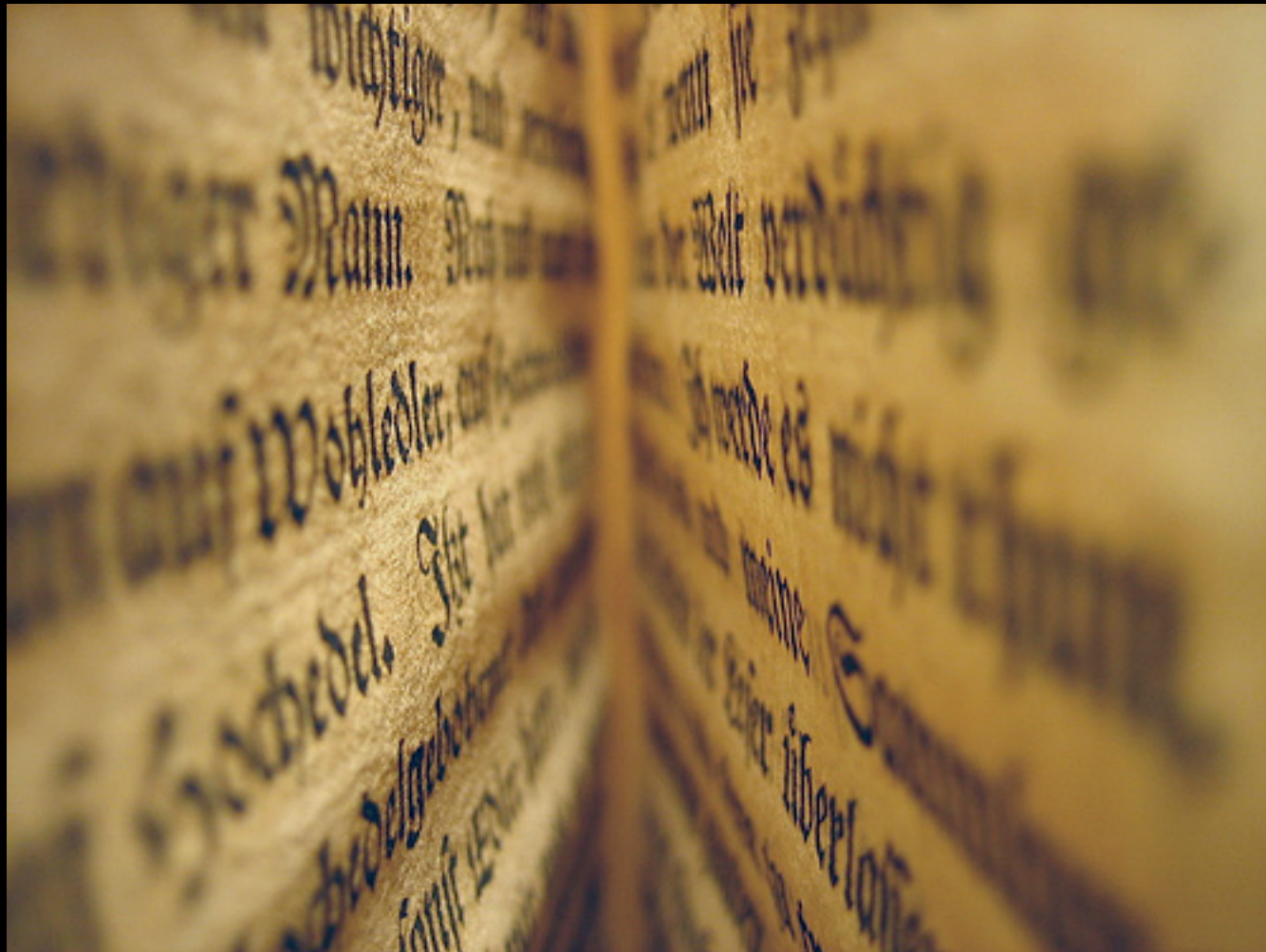
# Podcasting the Ocean

ari daniel shapiro, janice d mcdonnell, c sage lichtenwalner, james a yoder  
ocean sciences 2010

[www.photomediashop.com](http://www.photomediashop.com)

- Rationale
- What we did
- What you can do

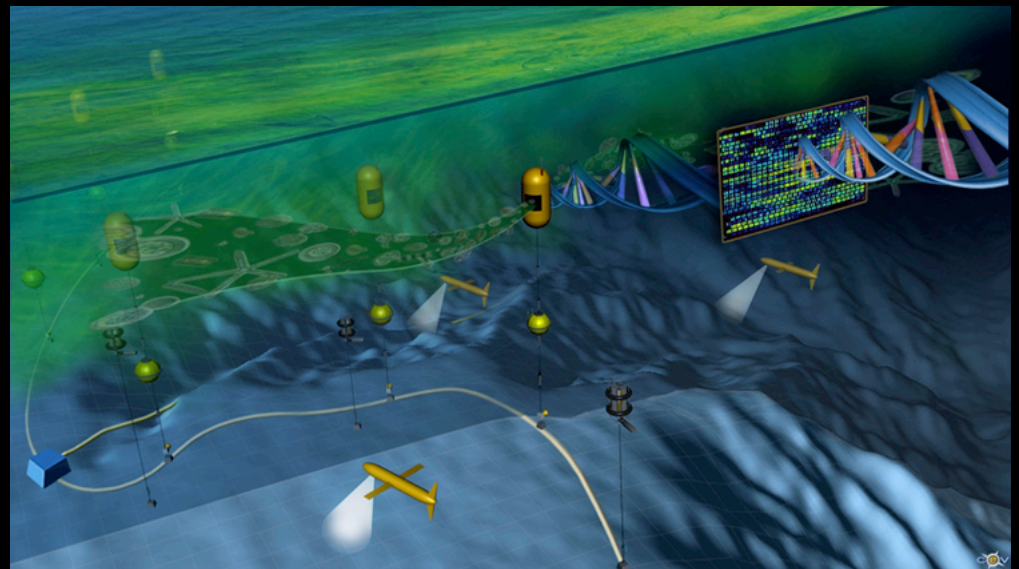
Once upon a time...



# Telling stories...



# ...about ocean observatories



OOI Regional Scale Nodes Program,  
University of Washington

# Podcasting



# Ocean Gazing



interviews



music



sonic stumper



listener recordings



field and lab sounds

# On the web

The screenshot shows a web browser window with the URL <http://coseenow.net/category/ocean/>. The page header features the COSEE logo (Centers for Ocean Sciences Education Excellence) and the title "Networked Ocean World" with the tagline "Virtually bringing together ocean scientists and educators". A navigation menu includes Home, News, Podcast, BI Blog, Resources, Workgroups, Training, Forum, and Log In. A search bar is located on the right.

### 'Ocean Gazing Podcast' Archive

Ever gaze out onto the ocean and wonder what's beneath the surface, what mysteries lurk below? In this podcast, we look at, listen to and touch the ocean to unpack some of its secrets. Find out how to take the ocean's temperature, detect underwater earthquakes, take photos of some of the smallest ocean creatures, and much more. We use your comments and answers to our puzzles in the podcast, so have a listen and be in touch!

[Subscribe to the Ocean Gazing Podcast in iTunes](#)

Map data ©2010 Europa Technologies - Terms of Use

#### Adroitly adrift

February 19th, 2010 by Ari Daniel Shapiro  
Little floats with GPS units are coursing all over the eastern seaboard, and they're rousing community college students and lobstermen from bed at the earliest of hours.

Tags: brian tarbox, catherine chipman, drifters, drogue, gulf of maine, jim manning, kara la lomia, NOAA, portland, SMCC, southern maine community college, tom long

No Comments | Filed in [Ocean Gazing Podcast](#)  
★★★★★ (0 votes, average: 0.00 out of 5, rated)

#### Bobbing and bowling

February 5th, 2010 by Ari Daniel Shapiro  
Living 1000 miles from the ocean is no reason to keep from learning

#### The Host of Ocean Gazing

Ari Daniel Shapiro produces the Ocean Gazing podcast for COSEE NOW. He received his Ph.D. in biological oceanography from the MIT/WHOI Joint Program in 2008. Currently, Ari is an independent science radio and multimedia producer. His pieces have appeared on NPR, Radio Lab and The World. Ari lives in Somerville, MA, and likes to bake, bike, hike, act and travel.

Check out Ari's [Web Site](#) and the recent write-up on Ari in [Science Magazine](#).

#### Contact Ocean Gazing

Have a question for *Ocean Gazing*? What to submit your guess for the Sonic Stumper? Or would you like to share your story about the ocean?

- leave a voicemail at (508) 289-3926

#### Join COSEE NOW!

Benefits of Joining  
Join our network of ocean scientists and educators and become part of the NOW Community.  
[Log in](#) | [Register](#)

#### COSEE NOW Ocean Gazing PODCAST

Subscribe to NOW

- [New Posts via RSS](#)
- [New Posts via Email](#)
- [Comments RSS](#)
- [Forum RSS](#)

NOW in iTunes

[Find us on Facebook](#)

UserOnline  
6 Users Online

Ratings

[www.oceangazing.org](http://www.oceangazing.org)  
[www.coseenow.net](http://www.coseenow.net)



# On the web

**COSEE Networked Ocean World**  
Virtually bringing together ocean scientists and educators

Home | News | Podcast | BI Blog | Resources | Workgroups | Training | Forum | Log In | Search COSEE NOW | GO


## Adroitly adrift

February 19th, 2010 by [An Daniel Shapiro](#) | Filed in [Ocean Gazing Podcast](#)  
\*\*\*\*\* (0 votes, average: 0.00 out of 5, rated)

Kara La Lomia is part of a team at Southern Maine Community College (SMCC) that's designing, constructing and using drifters. These floating instruments track the currents, and are engaging everyone from students to lobstermen.

La Lomia told me, "Well, I enjoy this kind of work. It's hands on and it's quiet, thoughtful work, and I enjoy that very much."

So I made a trip to Portland, Maine a couple months ago to check it all out. Have a listen.




The team at Southern Maine Community College assembles drifters that either float at the surface or hang about 5-10 meters beneath it, and they get pushed along by the currents. Credit: Tom Long.

Download the audio.  
Script for Episode 28


Send us your guess for the Sonic Stumper or your questions for the SMCC drifter team:

- find us on Facebook by clicking here
- post a comment to this blog (below)
- leave a voicemail at (508) 289-3926 or on Skype (username cosee.now)
- or simply email us at [podcast@coseenow.net](mailto:podcast@coseenow.net)

### Photos



One of the drifter deployment teams at Southern Maine Community College in the waters off Portland. Credit: Tom Long.



The Cape Fear Community College drifter deployment team off the North Carolina shore. Credit: Tim Shaw.

**Join COSEE NOW!**  
Join our network of ocean scientists and educators and become part of the NOW Community.  
Log in | Register

**COSEE NOW Ocean Gazing PODCAST**

Subscribe to NOW  
New Posts via RSS  
New Posts via Email  
Comments RSS  
Forum RSS  
NOW in iTunes

Find us on Facebook

UserOnline  
6 Users Online

### Ratings

Of bonds and blooms - 4 votes  
An Internet Portal into the Ocean: A conversation with John Delaney - 3 votes  
Seeing the small: Heidi Sosik and Rob Olson on their underwater camera - 3 votes  
The glide of a lifetime: Part I - 3 votes  
The glide of a lifetime: Part II - 3 votes


HELLO! Welcome to COSEE NOW - 2 votes  
Coral concerns:

### Web Resources


The drifter blog  
Tracks of the drifters deployed in the podcast  
Jim Manning's drifter website

### Hear more:


Elliott Thomas recently tried a rather unique lobster dish




Brian Tarbox explains why you have to wake up so early to deploy a drifter



### Videos



Kara La Lomia and Catherine Chipman deploy the drifter tracking the current 5 meters down in Hussey Sound just off the coast of Portland, Maine.



Kara La Lomia shows off a pregnant female lobster being raised in aquaculture.

Tags: [brian tarbox](#), [catherine chipman](#), [drifters](#), [drogue](#), [gulf of maine](#), [jim manning](#), [kara la lomia](#), [noaa](#), [portland](#), [smcc](#), [southern maine community college](#), [tom long](#)

### Share Your Thoughts

You must be [logged in](#) to post a comment.

This site was developed with the support of the National Science Foundation under Grant No. OCE-0730719. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation.

### Web Resources

Chris Martens studies the reef by living on it - 2 votes  
Sonar in the sea: Kelly Benoit-Bird listens to the ocean - 2 votes  
Cyber fiber: John Orcutt and Frank Vernon wire the ocean - 2 votes  
Top models: Huijie Xue gazes into the future of the Gulf of Maine - 2 votes

### Topic Tags

alaska antarctica aquarius atlantic auv buoyancy chlorophyll climate change codar COOL room coral reefs COSEE Data Tip density evaluation Glider gulf of maine introduction ios modeling NASA NDBC NOAA ocean acidification ocean literacy OOI OOS oscar schofield outreach PD phytoplankton real time data report RTD RU27 RU COOL rutgers university satellite scientists scott glenn scripps southampton students survey teachers

### How to Contribute

- 1) Suggest a link
- 2) Submit your resource
- 3) Ask a question

[www.oceangazing.org](http://www.oceangazing.org)  
[www.coseenow.net](http://www.coseenow.net)

# Outcomes



**scientists**



**listeners**

CD



# *Ocean Gazing*

26 podcasts exploring the science of ocean observatories,  
with accompanying lesson plans

# What you can do

**DIY**



**DIY**



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

[transom.org](http://transom.org)



**AIR** The Association of  
Independents In Radio

# What you can do

The screenshot shows the homepage of the COSEE Networked Ocean World website. The header features the COSEE logo and the text "Networked Ocean World" with the tagline "Virtually bringing together ocean scientists and educators". A navigation menu includes links for Home, News, Podcast, BI Blog, Resources, Workgroups, Training, Forum, and Log In. A search bar is located on the right. The main content area is divided into several sections: a large banner for "Join the Networked Ocean World" with a group photo and a "Become a member today!" button; a yellow box for the "Ocean Gazing Podcast" Episode 28, "Adroitly adrift with Kara La Lomia", with an iTunes subscription button; a "Join COSEE NOW!" section with a filmstrip icon and text about the benefits of joining the network; a "RECENT POSTS" section with five entries including "Adroitly adrift", "Public Outreach/BI Workshop at Ocean Sciences", "Bobbing and bowling", "The Antarctic Circumpolar Current, composed", and "A green ocean"; a "RECENT DISCUSSIONS" section with a list of discussion topics; and a "Subscribe to NOW" section with links for RSS, Email, Comments, Forum, and iTunes, along with a Facebook link and a "UserOnline" indicator.

coseenow.net

The screenshot shows the website for ari daniel shapiro. The header features the name "ari daniel shapiro" and the tagline "telling stories about science using radio and multimedia". The main content area is divided into several sections: a large banner image showing a close-up of green leaves; a "Maple tap dance" article dated February 22, 2010, with a "Leave a Comment (Edit)" link and a paragraph of text; a "UserOnline" indicator showing 7 users online; a "Ratings" section; a "PAGES" sidebar with links for audio slideshows, bio, contact, publicity, podcasts, presentations, radio, science minutes, science papers, and videos; and a "FOLLOW MY WORK IN 3 WAYS:" section with a mail icon and a list of ways to follow, including "1. Receive email updates." and "2. Sign up for my podcast." with a podcast icon.

www.aridanielshapiro.com



# Thank you

National Science Foundation

Craig Anderson

Rita Bauer

Sam Broun

Patrick Burke

Jim Campbell

Aaron Devine

Ghinwa Choueiter

Stacy DeRuiter

Alexa Elliott

Pien Huang

Amanda Levy

Jim Locascio

Cheryl Peach

Nancy Penrose

Evan Sanders

Taan Shapiro

Chris Vondrasek

Kerry Weinberg

Richard Ziglar

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