

UMass IGERT Offshore Wind Energy Program



Engineering, Environment, and Policy

Wind IGERT Seminar – Overview meeting

April 23, 2015

Erin Baker

Meeting Agenda

- News
- Field Trips
 - Eleuthra
 - Denmark
- The next generation of IGERT

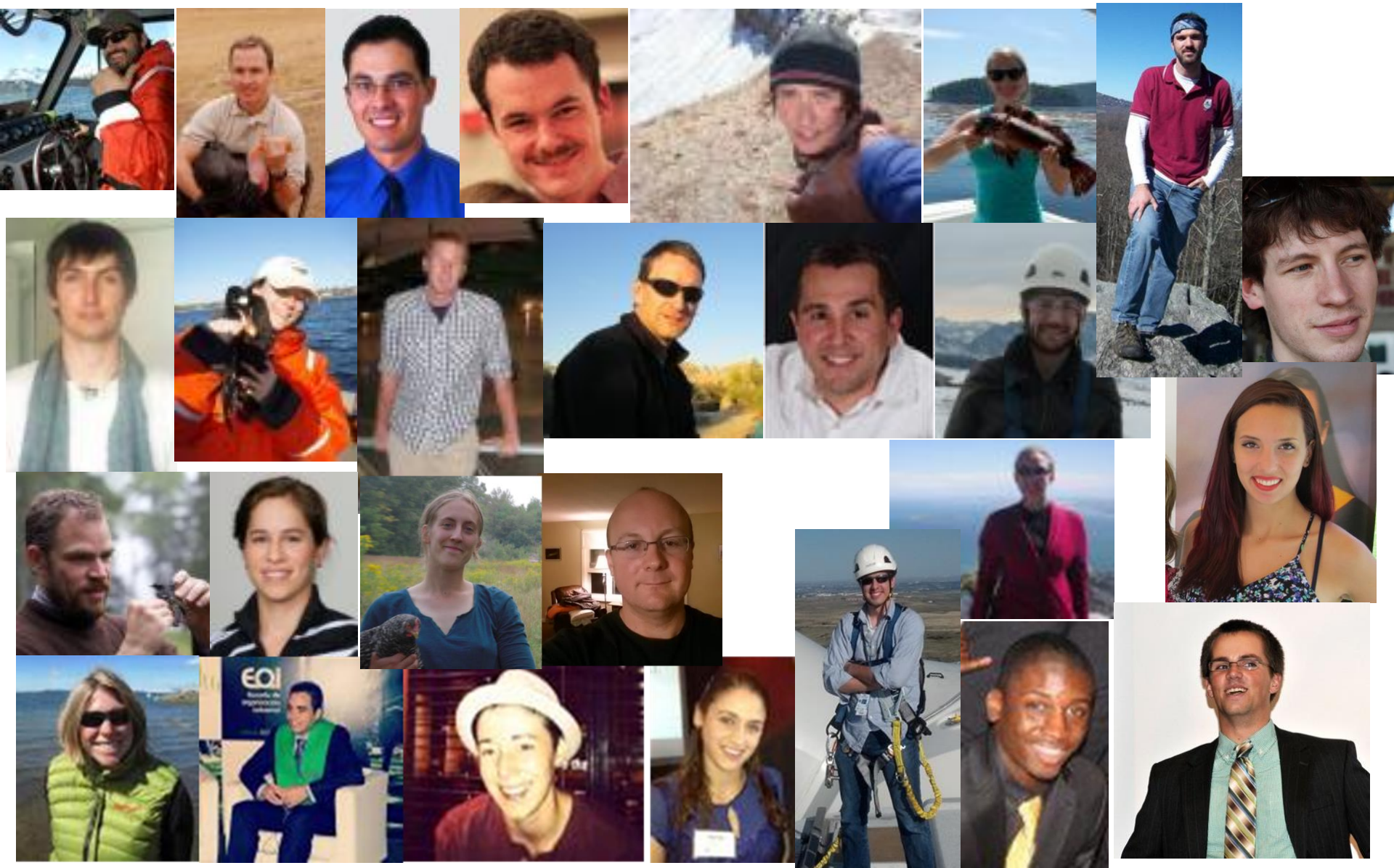
- Video from Eleuthra

Incoming IGERT students in fall 2015

- Destenie Nock
- Becky Sokoloski
- Josh Watson
- (maybe LARP student)



IGERT Fellows and Associates 2013-2014



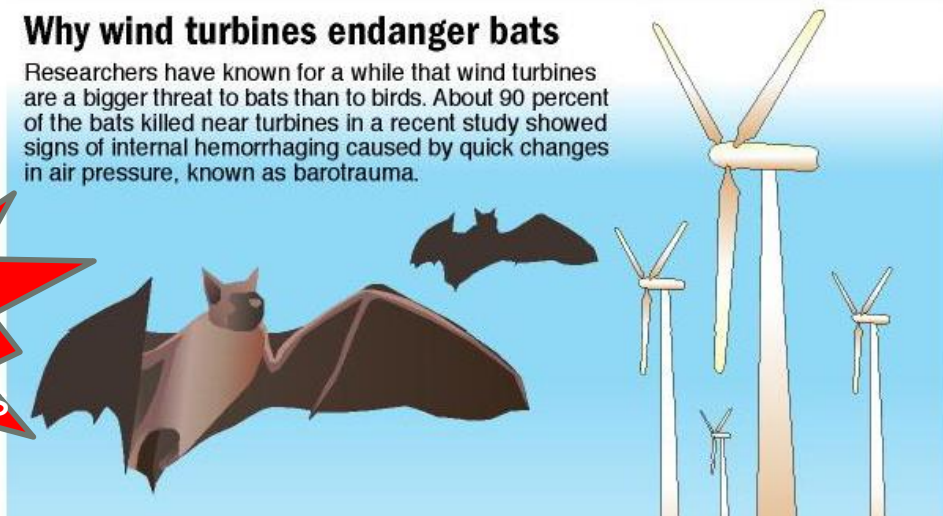
News



41 Pubs
39 outreach
45 conferences

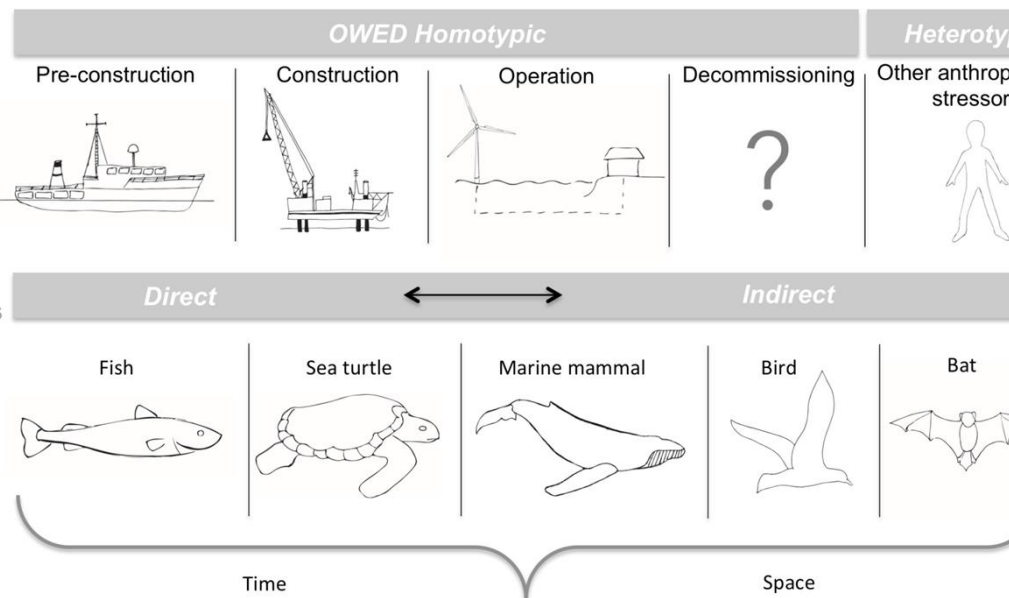
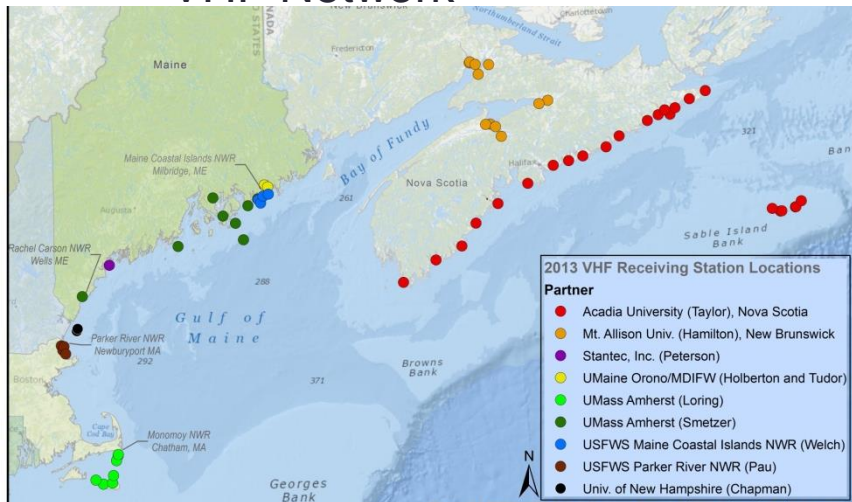
Why wind turbines endanger bats

Researchers have known for a while that wind turbines are a bigger threat to bats than to birds. About 90 percent of the bats killed near turbines in a recent study showed signs of internal hemorrhaging caused by quick changes in air pressure, known as barotrauma.



DOE grant: Zara, Dan, Yahya, Paul

VHF Network



Field trips

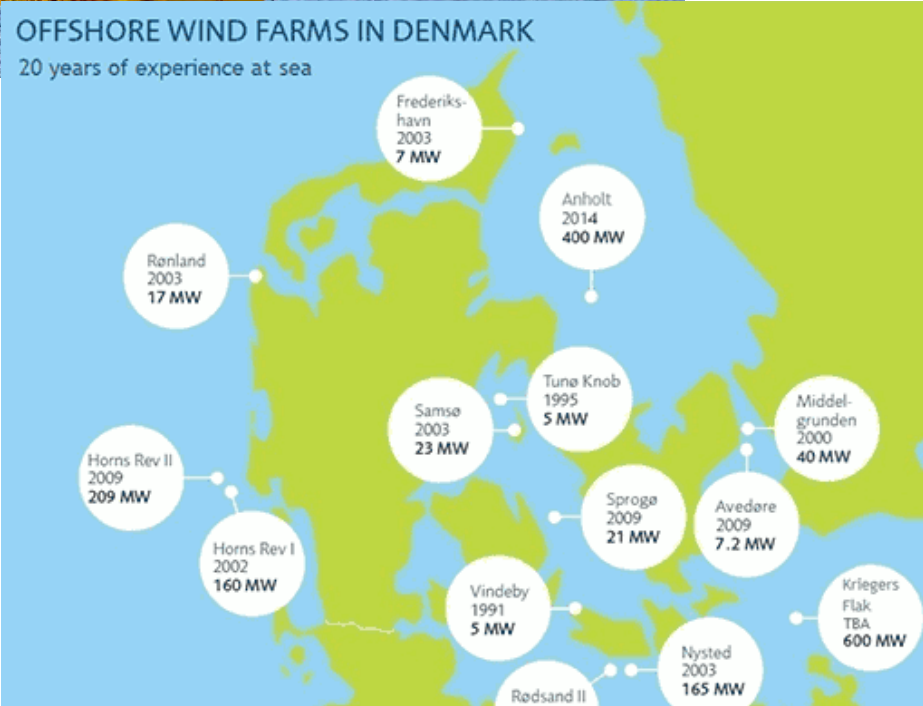
Maine



Bahamas



OFFSHORE WIND FARMS IN DENMARK
20 years of experience at sea



Early May 2016



NSF Research Traineeship

