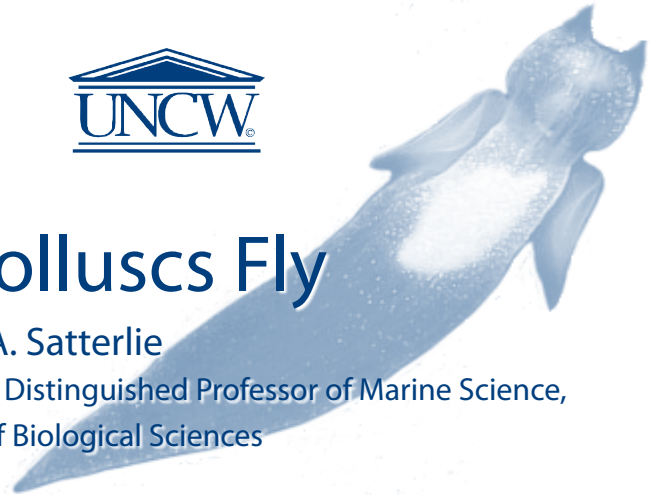


When Molluscs Fly

with Dr. Richard A. Satterlie

Frank Hawkins Kenan Distinguished Professor of Marine Science,
UNCW Department of Biological Sciences

Tuesday, September 21, 2004, 6:30 p.m.



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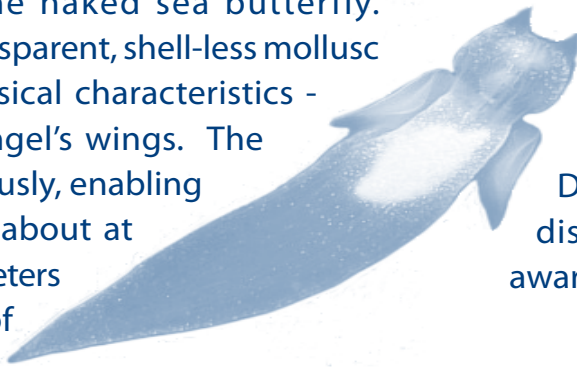
UNCW Department of Biological Sciences

You might say that Dr. Richard Satterlie “does the locomotion,” to paraphrase the old song. A recent addition to the UNCW faculty,



Dr. Satterlie studies how the nervous system controls movement. His unlikely ally in this important research is a fascinating, inch-long organism known as Clione limacine, sometimes called the naked sea butterfly.

Clione is a nearly transparent, shell-less mollusc with distinctive physical characteristics - devil's horns and angel's wings. The wings beat continuously, enabling the creature to “fly” about at depths of up to 100 meters in the cold waters of the northern Pacific Ocean. Dr. Satterlie's



research into the neurobiology of this tiny mollusc has possible implications for the fields of robotics and computer-generated muscle stimulation.

Dr. Satterlie has published more than sixty articles on the neural control of locomotion in marine animals. He received his Ph.D. from the University of California, Santa Barbara. During his tenure at Arizona State University, he was a Fulbright Scholar at the University of St. Andrews in Scotland and a Guggenheim Fellow. In addition to his research activities, Dr. Satterlie's academic career has been distinguished by numerous teaching awards.



Please join us for the first seminar in the 2004-2005 Planet Ocean series:

When Molluscs Fly

with Dr. Richard A. Satterlie

September 21, 2004
UNCW Center for Marine Science
Auditorium

Seminar 6:30 p.m. / Reception 7:30 p.m.



CENTER FOR MARINE SCIENCE

Center for Marine Science
5600 Marvin K. Moss Lane
Wilmington, NC 28409

To reserve seats, call Center for Marine Science
910-962-2301

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Accommodations for disabilities may be requested by contacting CMS three days prior to the event.