



Presentations

10-8-2015

School of Marine Science History and Current Status

Linda Schaffner Virginia Institute of Marine Science

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Program - Thursday

15:00 Registration

15:45 Welcome and Opening Remarks

John Wells, Dean and Director

Linda Schaffner, Associate Dean of Academic Studies

16:00 Opening Plenary – Reflections from a (Mostly) Non-Academic Career: Looking Back and Moving Forward Paul Sandifer (Ph.D. '72), former Chief Science Advisor, National Ocean Service, and Senior Science Advisor to the NOAA Administrator

17:00 – Evening Reception in the Hargis Library and library atrium,

19:00 sponsored by VIMS



Program - Friday morning

Registration & Light Breakfast 07:30 Welcome and Opening Remarks 08:00 John Wells, Dean and Director Linda Schaffner, Associate Dean of Academic Studies 08:10 Past, Present & Future of VIMS Research – Mark Luckenbach, Associate Dean for Research & Advisory Service 08:45 Session 1 - Alumni Presentations 10:30 Coffee Break 10:45 Session 2 - Alumni Presentations Lunch on your own or Student & Post-Doc Networking 12:30 Luncheon (MAS Education Center)

VIRGINIA INSTITUTE OF MARINE SCIENCE

Program - Friday afternoon

- 14:00 Session 3 Alumni Presentations
 15:45 Coffee Break
 16:00 Future of VIMS John Wells, Dean and Director
 16:30 Closing Plenary The Coastal Ocean: My Generation Did the Diagnosis, Your Generation Must Save the Planet Donald Boesch (Ph.D. '71), President of University of Maryland Center for Environmental Science
- 17:30 Review of Saturday Events Dave Malmquist, Director of Communications
- 17:40 Poster Session and Evening Reception in the Hargis Library
 19:00 Oyster Roast sponsored by VIMS



Homecoming Celebration continues on Saturday

9 am – 5 pm Kayak paddle, Campus tour, Sail on the Serenity,

Beach Fun (check with registration table for

availability)

5 pm - midnight Fall Party and Pig Roast in the Fort (advance

tickets for adults - \$15; guests under 21 are

free)

Call the VIMS Outreach hotline 24/7 for weather-related cancellations and updates: 804-684-7061



75 Years and 1000 Degrees: The Graduate Program at VIMS

A dozen posters displayed throughout the lobby and library atrium will take you through the graduate program history, put the spotlight on alumni, and bring you up to date on VIMS.

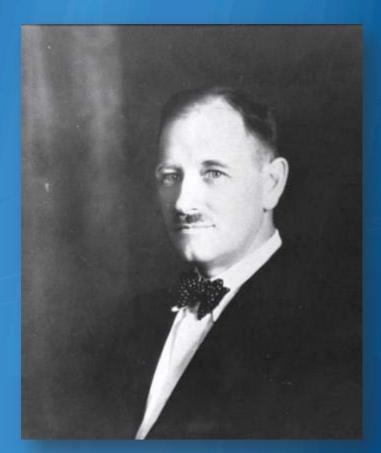


BLM - Outer Continental Shelf Studies
Summer 1977



Early History

Research Education Advisory Service



VIMS Founder
Donald W. Davis



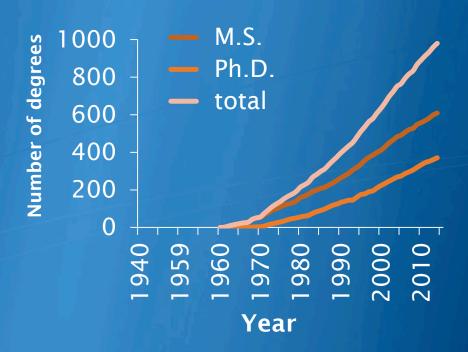
Through the Years

"Top 5" for Marine Science degree completions



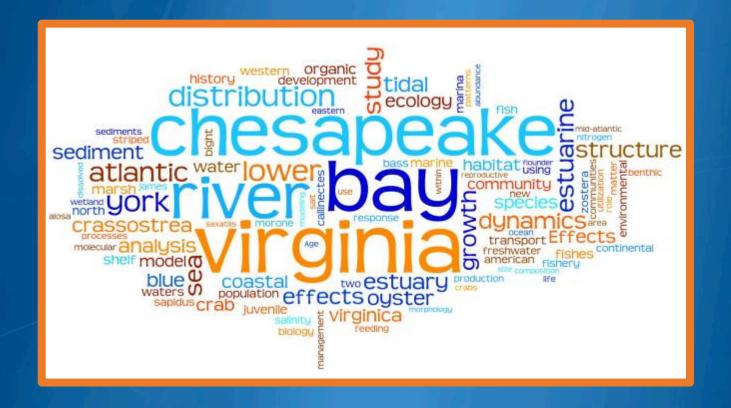
Bob Diaz (Ph.D. '77) and Kersey Sturdivant (Ph.D.'11)

Degrees - Cumulative





Science for the Bay... Impact for the World





Alumni Spotlight





















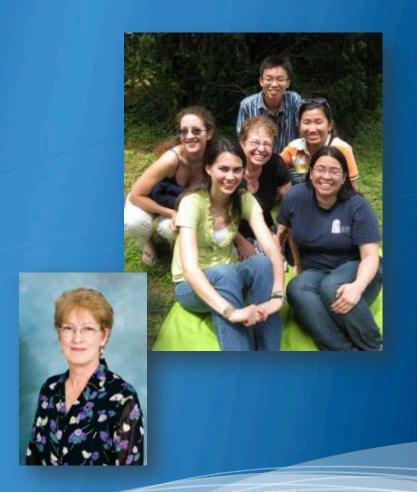






Graduate Program Deans







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USTACEA: DECAPODA: ALPHEIDAE) 🛘 SOCIOECONOMIC EFFECTS OF AREA MANAGEMENT AND THE POTENTIAL FOR COMMUNITY-BASED CO-MANAGEMENT: A CASE STUDY OF THE ATLANTIC
ESEDIMENTS DEPOSITED UNDER VARYING DEPOSITIONAL REGIMES 🛘 DEVELOPMENT OF A WATERSHED AND STREAM-REACH SPAWNING HABITAT MODEL FOR RIVER HERRING (ALOSA PSEU
IULATION IN WETLAND SEDIMENTS 🛘 CHEMICAL, ISOTOPIC AND MICROBIAL CHARACTERIZATION OF DISSOLVED AND PARTICULATE ORGANIC MATTER IN ESTUARINE, COASTAL AND OPEN O
SH, ISTIOPHORUS PLATYPTERUS, BASED ON NUCLEAR AND MITOCHONDRIAL DNA 🛘 PREDICTING METAL INTERACTIONS WITH A NOVEL QUANTITATIVE ION CHARACTER-ACTIVITY RELATIO
ructural habitat complexity 🛘 Molecular characterization of cultured perkinsus marinus isolates 🖟 Heat shock protein (HSP70) response in the eastern oys
nt budgets, estuarine sediment loads, and wetland sediment storage at watershed scales, York river watershed, Virginia 🛭 A study of the secondary turbidity
AND TOXICITY TESTS 🛘 APPLICATION OF THE GENETIC ALGORITHM TO AN ECOLOGICAL SIMULATION 🖟 THE IMPACT OF MARINE RESERVES ON EXPLOITED SPECIES WITH COMPLEX LIFE HISTORY
ierican shad (Alosa sapidissima) in the mattaponi and pamunkey rivers 🛘 Osteology, phylogeny, and biogeography of the marine fish family ephippidae (perciform
ons between benthic oyster reef fishes and oysters 🛘 Ecological dispersal mechanisms, reproductive ecology, and the importance of scale in Zostera marina in Ch
AND BENTHIC-PELAGIC COUPLING BY THE SUSPENSION FEEDING POLYCHAETE CHAETOPTERUS PERGAMENTACEUS IN THE LOWER CHESAPEAKE BAY 🛘 CARBON DYNAMICS IN A TIDAL FR
' structure: Effects of hypoxia on an estuarine epifaunal community 🛘 Synoptic scale climatic forcing of multispecies fish recruitment patterns in Chesapeak
DIOGICAL, ELECTROPHYSIOLOGICAL AND BEHAVIORAL INVESTIGATION OF VISUAL ACUITY OF THE JUVENILE LOGGERHEAD SEA TURTLE (CARETTA CARETTA) 🛘 A TWO-COMPONENT AGGREGA
and sequence development along a tectonically active margin: Late quaternary evolution of the Ganges-Brahmaputra river delta 🛭 The effect of seagrass habit
SS IN HARD CORAL: EVALUATING LIPID AS AN INDICATOR OF SUB-LETHAL STRESS ON SHORT TIME SCALES 🛘 CARBON CYCLING IN THE YORK RIVER ESTUARY: AN ISOTOPIC AND MASS BA
AN FISHES: THE SCIMBERGY OF LOOK EGALLY CONTRIBATION OF THE PROPERTY OF THE SCIATULA (HIM RASHED AFT SPECIES GROUPS II COMPARA
LE ACTIN, AND CYT PLANT ACTOR ENES HADATUR, ECONTARY REGION, AND TRIPLIC XPORTSY SALL MASH NOT IN HILLS A TRIPLIC AT PLANTS OF THE STATE O
of cadmium and benzo[a]pyrene in mummichog (Fundulus heteroclitus) 🛘 Caribbean spiny lobster and their molluscan prey: Are top-down forces key in struc
STUDIES AND MODELING ANALYSIS PHENOTYPIC CLINES IN THE INTERTIDAL SNAIL LITTORINA OBTUSATA: THE ROLE OF WATER TEMPERATURE AND PREDATOR EFFLUENT AS INDUCERS OF
AROMATIC HYDROCARBON (PAH) DISTRIBUTIONS WITHIN URBAN ESTUARINE SEDIMENTS 🛘 CLIMATOLOGICALLY FORCED COHERENCE BETWEEN DIVERSE JUVENILE POPULATIONS IN THE V
ic transporter P-glycoprotein in the mummichog (Fundulus heteroclitus) 🛘 Contributions to the life history of juvenile blueback herring (Alosa aestivalis): Pi
Bay 🛘 Modeling storm-induced sediment transport on the inner shelf: Effects of bed microstratigraphy 🖟 Demersal predator exposure to toxic organic contam
/IOR IN ST MARYS ENTRANCE CHANNEL, GEORGIA, USA 🛘 THE ROLE OF MICROBIAL FOOD WEBS IN BENTHIC-PELAGIC COUPLING IN FRESHWATER AND MARINE ECOSYSTEMS 🗘 THE ROLE
of early life stages of black drum, pogonias cromis, in lower Chesapeake Bay 🛘 Movements and ecology of summer flounder, Paralichthys dentatus, tagged i
r of natural estuarine sediments 🛘 Studies on processes controlling the input of agricultural chemicals in groundwater to surface waters 🗎 Nutrition and feed
r parasite, perkinsus marinus: I) disease processes in american oysters (Crassostrea virginica); II) biochemistry of perkinsus marinus 🛘 Oyster (Crassostrea virginic
in shallow waters 🛘 Effects of methyl parathion on the cellular immune responses in giant black tiger shrimp, penaeus monodon 🗎 Mechanisms of larval spot tr
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ISH, CYNOSCION REGALIS, IN THE CHESAPEAKE BAY REGION | PREDATION ON JUVENILE BLUE CRABS, CALLINECTES SAPIDUS RATHBUN, IN LOWER CHESAPEAKE BAY: PATTERNS, PREDA ALIS): REARING, IDENTIFICATION, AGEING, AND ECOLOGY | AGE, GROWTH AND POPULATION DYNAMICS OF THE SANDBAR SHARK, CARCHARHINUS PLUMBEUS, AT DIFFERENT POPULATION RECRUIT MODELING OF ATLANTIC CROAKER, MICROPOGONIAS UNDULATUS, IN THE CHESAPEAKE BAY AREA | THE STRUCTURE OF THE HOLOCEPHALAN HEAD AND THE RELATIONSHIPS OF F WILD AND HEAD-STARTED SEA TURTLES | STUDIES ON THE OYSTER PATHOGEN PERKINSUS MARINUS (APICOMPLEXA); INTERACTIONS WITH HOST DEPENDED OF CRASSOSTIFICA WIRGINIGA A HANNOCK ESTUARY, VIRGINIA | CHARACTERIZATION OF ANTI-TUMOR IMMUNITY IN OYSTER TOADFISH (OPSANUS TAW), AND THE PERCENS OF 1/12-DIMERTHY BEEN AND ANTI-TUMOR IN THE COWNOSE RAY, RHINOPTERA BONASUS (MINICHIM 1815). IN COVER OF PREY, PREDATOR AND HABITAT PRATURES IMMODILING OF ZINC.

, anchova mitchilli, in Chesapeake Bay 🛘 Factors affecting survival of farly life stages of stripped bass 🗸 Analysis of wegetation traitierns in a library life stages of stripped bass 🗸 Analysis of wegetation traitierns in a library life.

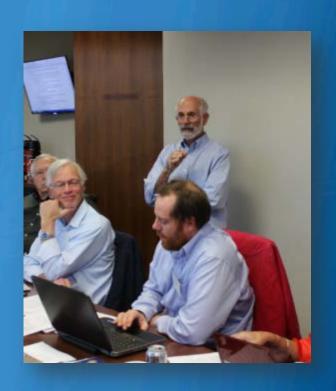
OF CRASSOSTREA-INDUCED MODULATION OF PERKINSUS MARINUS FUNCTION □ A STUDY OF THE EASTERN OYSTER, CRASSOSTREA VIRGINICA: 1. DERMO TOLERANCE, SURVIVAL, GROWTH INE SAXATILIS) □ ICHTHYOFAUNAL AND DIETARY ANALYSIS OF SYMPATIC PISCIVORES IN A CHESAPEAKE BAY LITTORAL ZONE: INCLUDING BIOENERGETIC MODELS OF GROWTH AND DIEL TEM IMPLICATIONS FOR RESTORATION □ COMPLEX INNER SHELF ENVIRONMENTS: OBSERVATIONS AND MODELING OF MORPHODYNAMICS AND SCOUR PROCESSES □ AN ANALYSIS OF WETLANGED AND SCOUR PROCESSES □ AN ANALYSIS OF WETLANGED AND SOURCE OF LIVERY OF FLUVIAL SEDIMENT TO THE COASTAL OCEAN: THE SALINAS RIVER.

21st Century VIMS

Strategic leadership and award-winning faculty, students and staff

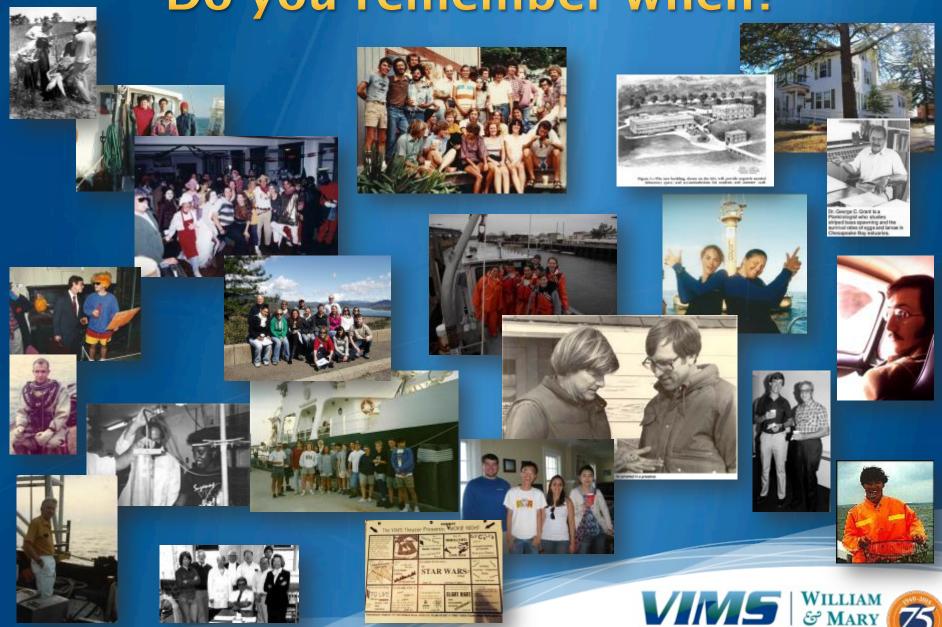
Mark Luckenbach will provide on overview of VIMS research - Friday morning

John Wells will introduce you to VIMS' new strategic plan and major initiatives for moving ahead - Friday afternoon





Do you remember when?



VIRGINIA INSTITUTE OF MARINE SCIENCE

Welcome Back Alums!

