

# Committee on Administration, Buildings & Grounds Virginia Institute of Marine Science

April 23, 2015



VIMS Campus, 1980s



VIMS Campus, 2013

# Active Capital Projects

Project	Type	Stage	Total Project Cost (\$ in M)
Research Vessel	Replacement	Preliminary Design	\$10.05
Consolidated Scientific Research Facility	New Construction	Preliminary Design	\$13.50
Facilities Management Building	Replacement	Preliminary Design	\$8.03
Oyster Research Hatchery	Replacement	Feasibility Study	\$19.00

# 2015 General Assembly Capital Actions

<u>Item</u>	<u>Requested</u>	<u>Received</u>
Planning the Facilities Mgt Building	\$850,000 state bonds	\$850,000 reimbursable
Equipping the CSRF	\$850,000 state bonds	\$850,000 state bonds
Maintenance Reserve Funds	Handled Centrally	\$221,810 (Total FY 16 Allocation: \$508,422)



# Topping Campus



Kauffman Estate

Kauffman Aquaculture Center



# Kauffman Aquaculture Center



Built in 2004 with Private Funds; ~6,000 SF





Designed originally for non-native oysters when they were being considered for introduction to the Bay . . .

### Building Assets:

- Complete quarantine capability
- Hatchery capacity
- Laboratory setting
- Brood stock holding accommodation
- Grow out capacity

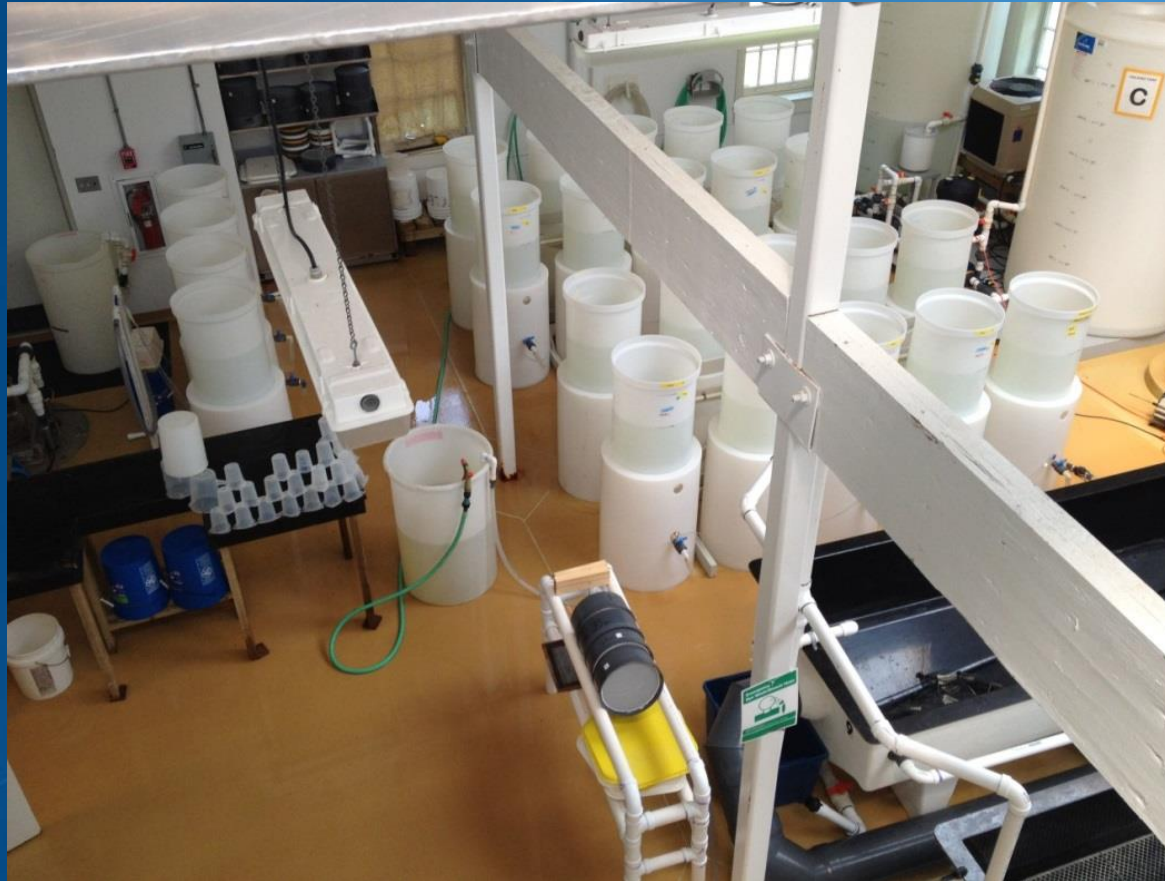
# Kauffman Aquaculture Center

- In 2008, Chesapeake community ruled out the introduction of non-native oysters
- New emphasis became native aquaculture
- Seasonal Operations: January – September





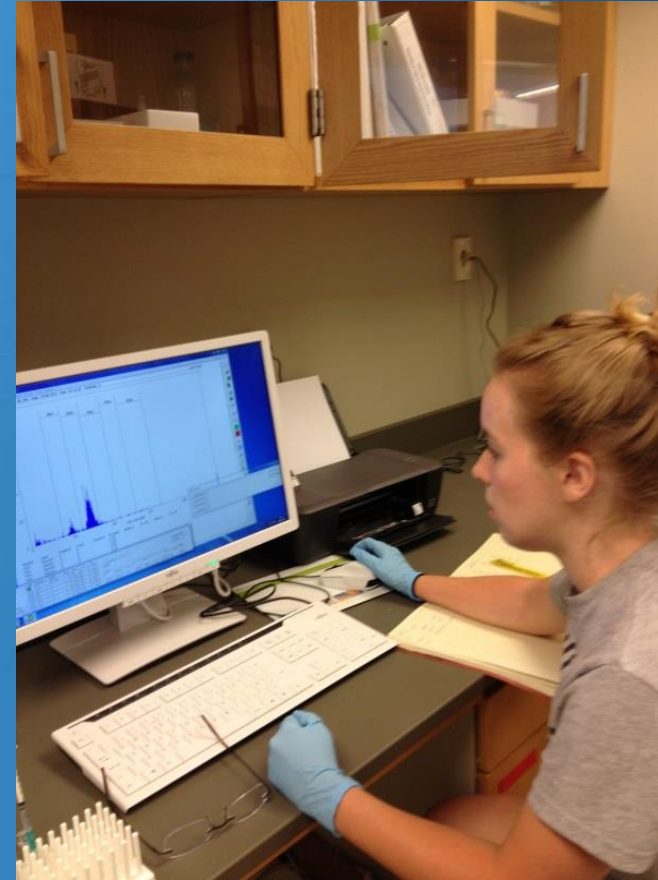
# Hatchery Capacity





# Laboratory Capacity

Utilizes flow cytometry to measure DNA content



# Brood Stock Holding Accommodations





# Grow Out Capacity (Nursery and Adult)



# Six-Year Capital Outlay Plan 2016 – 2022

(note: no changes from February meeting)



# VIRGINIA INSTITUTE OF MARINE SCIENCE

## 2016-18 CAPITAL PLAN

Biennium	Priority Project	Total General Fund Request
2016-18	1a Maintenance Reserve	\$700,000
	2 Construct New Oyster Hatchery	\$19,000,000
	3 Construct Eastern Shore Administration & Education Complex	\$7,048,000
	4 Expand and Renovate Watermen's Hall	\$15,788,000
	5 Property Acquisitions, Gloucester Point and Wachapreague	<u>\$1,300,000</u>
	TOTAL	\$43,836,000

# VIRGINIA INSTITUTE OF MARINE SCIENCE

## 2018-20 CAPITAL PLAN

Biennium	Priority Project	Total General Fund Request
2018-20	1b Maintenance Reserve 6 Construct Addition to the Fisheries Science Building	\$700,000 \$10,362,000
	7 Construct Amphitheater Green Space	\$2,847,600 NGF
	8 Construct Field Support Complex, Phase I	\$5,780,000
	9 Construct Visiting Scientist Center	\$2,820,000
	10 Property Acquisitions, Gloucester Point and Wachapreague	<u>\$1,300,000</u>
	TOTAL	\$23,809,600

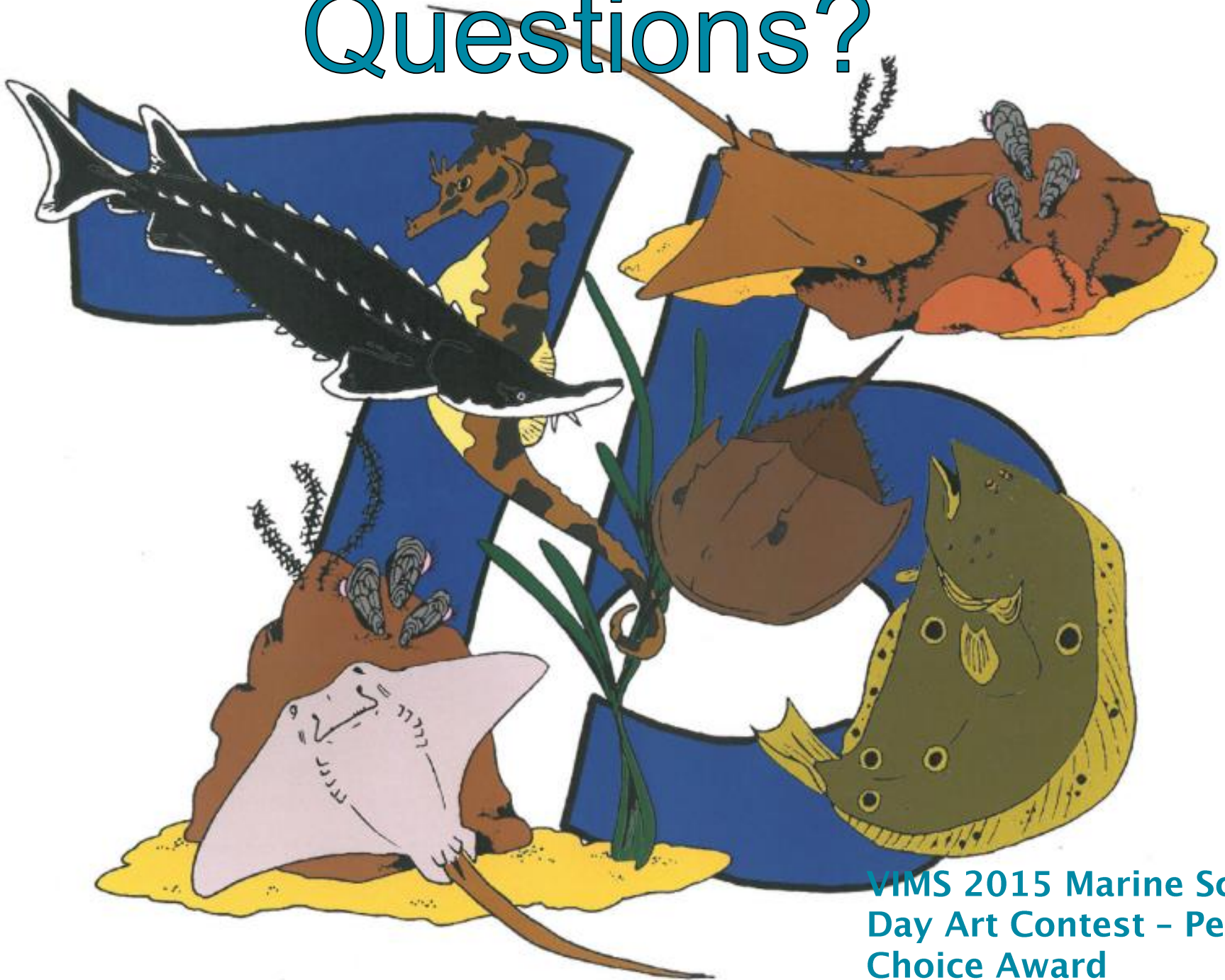


# VIRGINIA INSTITUTE OF MARINE SCIENCE

## 2020-22 CAPITAL PLAN

Biennium	Priority Project	Total General Fund Request
2020-22	1c Maintenance Reserve	\$700,000
	11 Construct Field Support Complex, Phase II	\$4,660,000
	12 Construct Eastern Shore Visiting Scientist Complex	\$5,735,000
	13 Construct Education & Research Building	\$11,611,000
	14 Property Acquisitions, Gloucester Point and Wachapreague	<u>\$1,300,000</u>
	<b>TOTAL</b>	<b>\$24,006,000</b>
	<b>CAPITAL PLAN TOTALS</b>	<b><u>\$91,651,600</u></b>

# Questions?



VIMS 2015 Marine Science  
Day Art Contest – People's  
Choice Award





YORK RIVER

WEST CAMPUS

EAST CAMPUS

YORK RIVER

POTENTIAL COUNTY  
MIXED USE  
RE-DEVELOPMENT

FISHERIES  
SCIENCE & ADDITION

GATEWAY SIGNAGE  
& STORAGE

SEAWATER  
LABORATORY

SPENCER RD

VISITING  
SCIENTISTS

MARINE  
ADVISORY

EVENT  
GREEN SPACE

WATERMAN'S HALL  
& ADDITION

CHESAPEAKE  
BAY HALL

AMPHITHEATRE

GREENHOUSES &  
TANK FARM

PROPOSED PIER

HATCHERY

ANDREWS  
HALL

FUTURE  
EXTENSION  
COMPLEX

GLOUCESTER  
POINT PARK

GREENT RD

STORAGE

FACILITIES

HISTORICAL  
FORT & REC  
FIELD

CLAYTON  
HOUSE

STORAGE

FM

GEORGE WASHINGTON MEMORIAL HWY

LAFAYETTE HEIGHTS DR

GREENT RD

FIELD  
SUPPORT  
CENTER

STAFF / VESSEL  
PARKING

LARGE  
VESSELS

REPLACEMENT  
VESSEL 100

SPENCER RD

COVERED  
STORAGE

BAY EAGLE 66

SHOP &  
STORAGE

VIMS BEACH

IN BRIDGE