Student and Student-Faculty Research Opportunities in the Hudson River Estuary Watershed

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Presentation Outline

• Hudson River Estuary Program

• 1. Faculty Research Programs
  – Cornell WRI Research Programs

• 2. Internships
  – Internships, Eel Project, HRNERR
  – Citizen-Science

• 3. Student-Faculty Partnership
  – Polgar Fellowship
  – Casperkill Project

• Discussion
Hudson River Estuary Program

Core Mission
• Ensure *clean water*
• Protect and restore fish, wildlife, and their *habitats*
• Provide water recreation and river *access*
• Adapt to *climate change*
• Conserve world-famous *scenery*
Hudson River Research Reserve

- Research focus on four large tidal wetlands and the mainstem estuary
- Part of a national network of unique estuarine sites

Shipwreck

Installing SET tables
Hudson River Estuary Program Area

Albany

New York City
12 goals that relate back to the 5 themes

Work with partners
- Municipalities
- Watershed groups
- Non-profits
- Research institutions
- Colleges/universities
- Others
1. Faculty Research Programs

**Cornell NYS Water Resource Institute**

- Faculty Grants for Cornell researchers
- Competitive Grants for any institution
- Annual RFPs

Larval fish study
2. Student Internships

- Hudson River Research Reserve
- Eel Conservation
Citizen Stewardship: “entry level” science

Eel Project

Trees for Tribs
3. Student-Faculty Partnerships

- Polgar Fellowship
- Casperkill Project
Casperkill Assessment Project

- Student-faculty research at Vassar College, focused on the Casperkill Creek
- Research -> assessment document
- Casperkill Watershed Alliance

Summer 2007
Great experience, produces useful data
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