

River Summer 2007 Schedule

(Date 6/13/07)

MODULE 1- NY/NJ Harbor, 7/10-7/14/07

Embark: 79th St. Boat Basin

Disembark: Piermont Pier

'7/10 1700 Module 1 participants arrive

Orientation by Boat Captain

Evening talk: The Hudson River Harbor – John Waldman, City University of NY

Suggested reading “Heartbeats in the Muck” Waldman, 1999

7/11/07 0800-1200 Offshore - the New York Bight - Measuring the River -

Frank Nitsche- LDEO

Title of curriculum: - Mapping the river bottom with modern sonar techniques;

1300-1700 Brian Mailloux (Barnard) & River Summer Staff & Boat Crew -

Activity: Enterococcus, Trawling, CTD, Coring, Plankton, Water samples

1900-2000 - Eve – Karl Coplan - (Pace Law)

Title of curriculum: The role of the environment in Hudson River law

2000-2100 Activity: All

Data workup - and how to access and use existing data (GIS and/or GoogleEarth) (Frank Nitsche)

7/12/07 The New York Harbor Area

0800-1330 Roger Panetta- (Fordham)

Title of curriculum: Panoramas of the Hudson River (time allocated to include time for product)

1400-1700 Kerry Dawson – (Hudson River Park Trust)

Title of curriculum: The role of the Hudson Park Trust in the current New York City waterfront – and available educational opportunities & resources

1900-2100 EVE – All

Title of curriculum: Transit from 79th St. Boat Basin to Piermont Pier – water sampling and chemistry

7/13/07 Lower Hudson Area

0800-1200 Steve Schimmrich (SUNY Ulster)

Title of curriculum: Geology of the Lower Hudson Valley

1300-1800 Dorothy Peteet – (NASA/GISS)

Title of curriculum: Piermont Marsh –Ecology and Paleoecology

Carol Reitsma – (SUNY New Paltz)

Title of curriculum: Marsh Ecology – historical conditions versus current assessment

7/14/07 0900 Module1 participants curriculum planning and wrap up

1200 Students depart

MODULE 2- Mid-Hudson – 7/14-7/18/07

Embark: Piermont Pier

Disembark: West Point

'7/14 1700 Module 2 participants Arrive

Orientation by Boat Captain
Evening transit on the river through the Hudson Highlands -

7/15 Newburgh

0800-1700 - Melissa Everett –

Title of curriculum: Human Ecology and sustainable community in a riverfront city (an exploration of the City of Newburgh & their Sustainable Master Plan)

1900-2100 - Geoff Brackett (Pace)

Title of curriculum: The Hudson River as a Literary Source

7/16 The Hudson Highlands

8:00-17:00 Howard Horowitz – (Ramapo College)

Title of curriculum: Highlands Environmental History: Sterling Forest and Mt. Peter - Exploring the Appalachian Highlands Iron Mining History, Land Preservation, Forest Resources & Water Resources

1900-2100 – EVE - All - Discussion & Lab Work

7/17

8:00-12:00 Lucy Johnson - (Vassar)

Title of curriculum: Native American Settlements along the Hudson River: Why are they where they are? Developing a predictive model

Foundry Cove/Constitution Marsh -

13:00-14:00 - Stuart Belli (Vassar)/ Zywia Wojnar -

Title of curriculum: Foundry Cove: A Brownfield Case Study (Policy, Sociology, Chemistry)

14:00-15:30 - Tim Kenna – (LDEO)

Title of curriculum: Foundry Cove: Sediment cores for remediation assessment – the case of cadmium assessment

15:30-17:00 Tim Scarlett – Industrial Archeology (Michigan Tech)

Title of curriculum: Industrial Archeology of Foundry Cove

1900-2100 – EVE - All - Discussion & Lab Work

7/18/07 0900 Module2 participants curriculum planning and wrap up

1200 Students depart

MODULE 3- Mid-Upper Hudson – 7/18-7/22/07

Embark: Waryas Park

Disembark: Kingston – Hudson River Maritime Museum

7/18 1700 Module 3 participants Arrive

Orientation by Boat Captain

19:00 - Trip to Dennings Point to see Building 1 – the new location of The Beacon Institute for Rivers & Estuaries - Regan Chichester (Project Manager)

20:00 – Trip to Beacon to view the Map Exhibit – Patti Dunne (Program Coordinator)

7/19 0800-1200 - Brian Jensen- (The College of St. Rose) & John Mylod (Hudson Fisherman & author)

Title of curriculum: Hudson River Fisheries Biology, History & Practice

1300-1700 - Peter Groffman – (Institute of Ecosystem Studies)

Title of curriculum: Riparian Zone Ecology

1300-1700 - Eve – labwork

7/20 0800-1200 Dianne Olsen (Cornell Cooperative)

Title of curriculum: Well water contamination & its effect on trust in public institutions

1300-1700 Lucy Johnson - (Vassar)

Title of curriculum: Native American Settlements along the Hudson River: Why are they where they are? Testing a predictive model

1900-2100 Eve – Betsy Blair (HRNERR Program)

Title of curriculum: The role of the National Estuarine Research Reserve in the Hudson River

7/21 0800-1200 Elizabeth Hutchinson – (Barnard)

Title of curriculum: Seeing the Catskills through the Hudson River School

1300-1700 Steven Schmmrich- (SUNY Ulster)

Title of curriculum: Geology of the Upper Hudson Valley

Eve Kingston Maritime Museum –

7/22/07 0900 Module 3 participants curriculum planning and wrap up
1200 Students depart

MODULE – Adirondacks – 7/24-7/31/07

7/24 Early morning participants at the Federal Dam – Green Island

7/24: Transit the Upper Hudson River to the ADK via van -
Steven Schmmrich- (SUNY Ulster)

Title of curriculum: Connecting the River – Connections between the estuary and freshwater Upper River – Geology of the Upper River - transition to Bedrock Geology of the Adirondack; Economy of the Upper River; Gore Mountain Garnett Mines & Wind Mills; PCB Discussion/legal piece

Meet at the Federal Dam – where river meets estuary

Stop at Lock 2 Champlain Canal – Hydro-electric Lock

Fort Edward – the story of GE and Hudson River PCBs

Follow the Hudson R from Albany to Warrensburg discuss geology and examine various bedrock formations along the way

Arrival in ADK -Lodging @ Arbutus area in cabins - * Kempshall, Marcy, *and *Colden Cabins*.

7/25: Exploring the Adirondacks

Title of curriculum: The economic base & economic development model of the ADK – i.e. Challenges of Economic growth, sustainability and Environment - Visit - Adirondack Park Administration (APA) meet with Lani Ulrich, APA Commissioner, Lake Placid – explore large scale development focused on tourism, Role of Academia in revitalizing the economy (discussion piece)

Evening - Colgate Outdoor Education – Orientation to Leave No Trace Camping

7/26: Colgate's Outdoor Education Program Colgate Outdoor Ed. staff

Activity: Packing and gear dispersal for "Leave no Trace" hiking/camping at Mt. Adams site - Colgate Outdoor Ed. staff

Depart for Mt. Adams site, hike, setup camp - -

RS Staff

Activity: Mapping, Site Location & GPS

Activity: Tree identification exercise

7/27: RS Staff

Activity: Hike up Mt. Adams –

Activity – Tree Identification/stem counts with GPS

Activity – Water Sample collection

Activity – TBA Writing Activity

7/28: Colgate's Outdoor Education Program Colgate Outdoor Ed. staff

Activity: Break Camp & Hike out

Exploring Tahawus

Activity: Tour McIntyre Furnace site tour & overview of mining history

RS Staff

Activity: Tree count/water sample data - GIS mapping project using data collected while camping

Evening - Adirondack Education Center – Dr. William Porter – (AEC Director)

Activity: The role of white tail deer in the Adirondack ecosystem

7/29: RS Staff

Activity: Arbutus Watershed Study (TBA Pat McHale, AEC Staff)

Activity : Visit Santonini Great Camp

Activity: Watershed study data analysis & GIS work

Evening - Adirondack Education Center – Paul Hai

Activity: Talk on Great Camps

7/30: RS Staff

Activity : Old Forge & the role of tourism in development; (CAP21; Lani Ulrich);

Activity: Hike up to Bald Mountain fire tower;

Activity: Float Plane ride

Evening - Adirondack Education Center – Graduate student talks (TBA)

7/31 0900-1200 - Wrap up & head home