



# Geoffrey Evan Eckerlin

email for contact info:  
geof223@gmail.com

2001-March 2005

*Cornell University /  
NYS-USGS Cooperative Fish and Wildlife  
Research Unit*

*200 Rice Hall  
Ithaca, NY 14853*

## **Project Manager (3/4) / Technician (1/4) - 40 hours/wk**

Supervisor: Dr. Mark Bain

- Developed and implemented estuarine ecology projects in the Hudson River and New York Harbor
- Assured compliance with scientific methods and peer reviewed practices and protocols
- Cooperated with other project leaders, sponsors and research groups at Cornell and other universities
- Completed oral reports, written annual reports and permit applications
- Recruited, trained and managed technicians in remote, maritime and laboratory situations
- Coordinated equipment and boat maintenance, acquisition and repair
- Reactivated and outfitted the R/V Acipenser, a 28' diesel trawler with navigation, sampling and safety gear
- Purchased, outfitted, assembled and extensively piloted a 21' electrofishing boat for Hudson River SAV Project
- Developed web and GIS projects for public and institutional use
- Examined links between SAV, invertebrates and fish via gut contents analysis, adult and larval sampling
- Navigated and sampled in both remote and heavily trafficked reaches of the Hudson River
- Sampled fish in all four seasons in the Hudson River and Lake Ontario as field supervisor

1999-2001

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## **Student / Student Intern - 40 hours/wk summer and breaks, 10-20 hours/wk during semesters**

Supervisor: Kathy Mills

- Assisted master's student with fieldwork and research on Hudson River wetlands investigation
- Aided in developing a sampling regime for a submerged aquatic vegetation fish support function study
- Electrofished, deployed gill nets, trap nets, Wisconsin nets, light traps and seines
- Performed biological literature review in a data-poor environment

1997-1999

*SUNY Morrisville Aquaculture Facility*

*Charlton Hall  
Morrisville, NY 13408*

## **Student Hatchery Manager - 40 hours/wk summer and breaks, 15-30 hours/wk during semesters**

Supervisors: G. Thomas Coe

William Snyder

- Coordinated daily operations of a salmonid and tilapia hatchery
- Trained technicians in recirculating and flow-through husbandry techniques
- Allocated shifts; designed and oversaw efficient task programs for up to 20 student technicians
- Maintained 3 acres of ponds, several raceways and egg trays
- Researched and utilized market opportunities for retail sale of fish
- Developed long-term management agendas, feed regimes and emergency protocols
- Executed several capital improvements (heated feed room, computers, etc.)
- Coordinated and implemented summer work program for at-risk teens

# Geofrey Evan Eckerlin

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Education	1999-2001	Cornell University	Ithaca, NY 14850
	B.S., Natural Resources Class of 2001 (Cum Laude, GPA 3.6)		
	1997-1999	SUNY Morrisville	Morrisville, NY 13408
	A.A.S., Aquaculture and Aquatic Sciences 1999 (Cum Laude, GPA 3.6)		
	1996	Emerson College	Boston, MA 02116
	16 credits, Mass Communications, Advertising and Public Relations (GPA 3.8)		
	<i>High School</i>		
	Tully Central High School, Class of 1996		Tully, NY 13159

**Pertinent Coursework** Teaching Assistant for Stream Ecology, Teaching Assistant for Wetland Ecology and Management, Ichthyology, Fish Nutrition, Reproduction, Aquatic Ecology, Fisheries Management, Fisheries Techniques, Ecological Management of Water Resources, Quantitative Population Analysis, Fish Hatchery Management, Freshwater Macroinvertebrates, Soil Science, Entomology, Statistics for Biologists, Microbiology, Water Supply and Sanitation, Independent Study (gear analysis from summer internship on Hudson River)

- Certifications and Awards**
- MOCC Federal motor boat operator certification
  - PADI open water SCUBA certification
  - American Red Cross Adult CPR and Standard First Aid
  - Phi Theta Kappa
  - Greater than 365 days of sea service

**Skills and Interests** Marine / diesel mechanics, carpentry, heavy equipment operation, small power equipment repair, electronics repair, microscopy, marine/freshwater fish and invertebrate identification, estuarine and freshwater macrophyte identification, trawling and benthic dredge experience, proficiency in Macintosh and PC platforms, Microsoft Office, ArcView, Datadesk, Adobe Acrobat, FrontPage, Photoshop, Capn Mosaic navigation software, graphic design, fishing, aquaria, photography, web design, canoeing, mountain biking, hiking, camping, waterfowling, drumming, studio recording

- Reports and Presentations**
- Eckerlin, G. E. 2006. Fish community support provided by submerged aquatic vegetation in the Hudson River Estuary. American Fisheries Society Annual Meeting. Lake Placid, New York. 11 September 2006.
- Bain, M. B. and G. E. Eckerlin. 2006. Fish community support provided by submerged aquatic vegetation in the Hudson River Estuary: Final Project Report. Inter-organizational Report. Institute for Resource Information Systems, Cornell University. Ithaca, New York.
- Bain, M. B., M. S. Meixler and G.E. Eckerlin. 2006. Biological status of sanctuary waters of the Hudson River Park in New York: Final project report for the Hudson River Park Trust. Inter-organizational Report. Hudson River Park, New York, New York.
- Eckerlin, G. E. M. S. Meixler, A. S. Myers and M. B. Bain 2004. Fish Support Function of Submerged Aquatic Vegetation in the Hudson River: 2003 Annual Report. Inter-organizational Report. Institute for Resource Information Systems, Cornell University. Ithaca, New York
- Findlay, S. M. Bain, E.M. Barnaba, E.A. Blair, G. Eckerlin, S. Hoskins, W.C. Neider and D. Strayer. 2003 Variation in Ecological Functions of Submerged Aquatic Vegetation in the Tidal Freshwater Hudson River. Cary Conference.
- Findlay, S., M. Bain, E.M. Barnaba, G. Eckerlin, S. Hoskins, W.C. Nieder and D. Strayer. 2003. Extent, Distribution and Ecological Functions of Submerged Aquatic Vegetation in the Tidal Freshwater Hudson River. Coastal GeoTools '03 Conference. Charleston, SC. 6-9 January 2003.
- Eckerlin, G. E. and M. B. Bain 2003. Fish Support Function of Submerged Aquatic Vegetation in the Hudson River: 2002 Annual Report. Inter-organizational Report. Institute for Resource Information Systems, Cornell University. Ithaca, New York.
- Eckerlin, G. E. and M. B. Bain 2002. Fish Support Function of Submerged Aquatic Vegetation in the Hudson River: 2001 Annual Report. Inter-organizational Report. Institute for Resource Information Systems, Cornell University. Ithaca, New York.
- Eckerlin, G. E., K. E. Mills and M. B. Bain. 2001. Fish Support Function of Submerged Aquatic Vegetation in the Hudson River: 2000 Annual Report. Inter-organizational Report. Institute for Resource Information Systems, Cornell University. Ithaca, New York.