



**5<sup>th</sup> Mote International Symposium in Fisheries Ecology 2004**

Poster: When does catch-per-unit-effort reflect abundance?

PROFESSIONAL  
EXPERIENCE

**Programmer Analyst**, University of Pennsylvania - Dr. Frederic Bushman  
Philadelphia, Pennsylvania JUN 2008–SEP 2009  
Administration and analysis of pyrosequenced DNA and bioinformatics data

**Consultant**, Canadian Sea Turtle Network  
Independent Contractor JAN 2008–PRESENT  
Analysis of short-term and satellite-tracked leatherback telemetry data

**Consultant**, Atlantic Loggerhead Turtle Stock Assessment 2007  
Independent Contractor AUG 2007–MAY 2008  
Converting, filtering and mapping loggerhead satellite telemetry data

**Consultant**, Atlantic Leatherback Turtle Stock Assessment 2006  
Independent Contractor FEB 2006–MAY 2006  
Converting, filtering and mapping leatherback satellite telemetry data

**Marine Field Biologist**, International Pacific Halibut Commission  
Gulf of Alaska MAY 2003–SEP 2003  
PIT tagging and collecting biological data and samples on a chartered vessel

**Fishery Observer**, Data Contractors, Incorporated  
Gulf of Alaska & Bering Sea JAN 2003–MAY 2003  
Estimating the catch of pot and longline groundfish vessels and collecting biological data

**Fishery Observer**, Frank Orth and Associates  
Coast of California SEP 2002–DEC 2002  
Estimating the catch of drift gillnet swordfish vessels and collecting biological data

**Research Cruise Technician**, USGS RV Tommy Munro & NOAA RV Oregon II  
Gulf of Mexico AUG 2001 & SEP 2001  
Longlining, trawling, live tagging and dissection of sharks and fishes

**Biological Technician**, NMFS Panama City Laboratory - Dr. Douglas DeVries  
Panama City, Florida AUG 2001–OCT 2001  
Hook and line sampling, dissection and otolith sectioning of reef fishes

ACADEMIC  
EXPERIENCE

**Teaching Assistant**, Dalhousie University  
Halifax, Nova Scotia SEP 2004–MAY 2007  
Classes: Marine Diversity (1 semester), Integrated Science-Biology (4 semesters),  
Integrated Science-Calculus/Programming (2 semesters)

**Intern**, NMFS Panama City Laboratory - Dr. John Carlson  
Panama City, Florida MAY 2001–AUG 2001  
Gill netting, dissection, data analysis and live tagging of coastal sharks  
“Aging the Atlantic sharpnose shark, *Rhizoprionodon terraenovae*, through eye lens weight”

**Research Assistant**, Ohio University - Dr. Robert Carr  
Alpena, Michigan JUN–JUL 1995, 1996, 1997, 2000  
Discovering, excavating and preparing Devonian fish fossils

SKILLS

- Programming Languages: R/S+, PHP/HTML, Bash/Unix, SQL, Python, SAS, C/C++
- Applications: L<sup>A</sup>T<sub>E</sub>X, Generic Mapping Tools, Photoshop/Gimp, BLAST/BLAT
- Languages: English, Japanese, Chinese