

David Judson Byers

Education

Duke University-Nicholas School of the Environment Durham, NC May 2001
Master of Environmental Management
Concentration: *Coastal environmental management.*
Master's Project: *Reproductive behavior and migration of female Blue Crabs in estuarine embayments.*

National Outdoor Leadership School (NOLS) Chile, South America Summer 1999
Graduate of NOLS Semester in Patagonia
Completed a three-month intensive course involving mountain trekking, river crossing, glacial traverse techniques, sea kayaking, ecological leadership training, and wilderness orienteering in a remote setting

University of North Carolina, Chapel Hill, NC May 1996
B.A., Biology. Minor: Spanish
Study Abroad: Semester in Seville, Spain.
Exchange Semester: Duke University Marine Lab, Beaufort, NC.

Certification

- Certified Teacher Secondary Science, North Carolina

Leadership and Instructional Experience

Science Teacher, Asheville High School Asheville, NC
August 2006-June 2008

- Taught and designed daily Physical Science, Biology, and Earth Science lessons for students in grades 9-12
- Led fourteen middle school students on an extended trip to Costa Rica in 2008 where students participated in a home stay with local families, completed a service project with the Peace Corps, and traveled throughout the country
- Coached high school swim team as assistant

Biology Teacher, KIPP: Gaston College Prep/KIPP Pride High School Gaston, NC
July 2005-June 2006

- Taught biology and assisted with the formation of a new science curriculum at one of the top-ranked charter schools in the nation
- Planned instruction in several "inclusion" classrooms, helping students with cognitive and behavioral disabilities achieve at their highest level
- Led an advisory group of ten adolescent males considered "high risk" for dropping out by serving as mentor, group leader, and role model
- Spearheaded the formation of a film club, instructed students in creating their own short films and in film appreciation

Education Director, The LowCountry Institute Beaufort, SC August 2002-August 2004

- Created, developed, taught and led volunteers in teaching environmentally-themed lessons for elementary and middle school students from more than 30 schools, 200 classrooms, and 5 school districts
- Facilitated ecological research projects and coordinated conservation of a 1,000-acre nature preserve

- Coordinated and led a dedicated corps of volunteers in teaching youth and adults about fundamental ecological concepts

Science Teacher, Washington Middle School Pasadena, CA August 1996-June 1998

- Prepared and taught daily science lessons for 150 students in an under-resourced public school in Los Angeles County as a **Teach for America (TFA)** corps member
- Started an after-school science club that designed and built model rockets and built a moving replica of the Mars Pathfinder
- Served as a mentor for new teachers and TFA corps members as they adjusted to the challenges of teaching in a classroom
- Developed a new science curriculum for the district with a team of selected teachers

Camp Mondamin Head Counselor/Wilderness Trip Leader, Camp Mondamin Tuxedo, NC
Summers 1993-2002

- Managed cohort of camp counselors as head counselor and administrator
- Instructed whitewater paddling skills and led extended trips for campers and adults

Instructor, Adventure Treks Flat Rock, NC Summer 1998

- Led a groups of 15-18 students, ages 14-17, in intensive youth wilderness program in British Columbia, Alberta, Idaho, and Wyoming, including backpacking, rock climbing, whitewater rafting, mountain biking and ecological stewardship

Professional Development

- KIPP National Conference—Las Vegas, NV (August 2005)
- Wilderness First Responder Course—WMI, Bass Lake, CA (Spring 1998)
- Wilderness Emergency Medical Technician Course--WMI, Pitkin, CO (Summer 1999)
- Summer Institute, Teach for America—Houston, TX (Summer 1996)

Skills and Interests

- Fluent in Spanish
- Amateur documentary film-maker
- Actor, singer, guitar player, writer, and hiker
- Aspiring birder and botanist