EDUCATION

Yale University, School of Forestry and Environmental Science, New Haven, CT 2008 – 2010 Master of Environmental Science

University of Washington, Honors Program, Seattle, WA 2001 – 2006 Bachelor of Science with College Honors in Biology, emphasis in Physiology, Minor in Philosophy

WORK EXPERIENCE

Appalachian Voices, Boone, NC Central Appalachian Senior Program Manager January 2019 – Present In addition to responsibilities below, advise organization on strategic planning regarding coal mining and other resource extraction in Central Appalachian states.

Central Appalachian Program Manager

January 2017 – December 2018

Manage a team of 4 working on the Central Appalachian campaign. Respond to community concerns regarding coal mining. Research and consult on state and federal policy that impacts coal mining. Collect and analyze a wide variety of data, including water quality data, coal production data, and remote sensing data.

Central Appalachian Campaign Coordinator

June 2014 – December 2016

Manage the Central Appalachian campaign, which focuses on the impacts of surface coal mining throughout Kentucky, West Virginia, Virginia, and Tennessee.

Water Quality Specialist

December 2011 – June 2014

Designed and managed a pollution reporting site, appalachianwaterwatch.org, and hotline. Responded to spills impacting public waters, well water, and public drinking water. Managed a coalition of citizen groups collecting water monitoring data, ace-project.org. Worked with communities to increase engagement in water and mining issues. Oversaw development and participation in Clean Water Act citizen suits.

Appalachian Voices and Upper Watauga Riverkeeper, Boone, NC

May 2011 – December 2011

AmeriCorps Water Quality Outreach and Education Associate

Organized a citizen science water monitoring program, Appalachian Water Watch, in the coal fields of eastern Kentucky and southwestern Virginia. Acted as the assistant Upper Watauga Riverkeeper by responding to pollution events, providing community education and organizing river cleanups.

American Whitewater, Cullowhee, NC

February 2011 – July 2011

River Stewardship Consultant

Reviewed scientific data and publications relevant to Federal Energy Regulatory Commission relicensing of hydropower dams.