How to Contribute

To donate to the Jerry O'Neal Fellowship fund, please send a check to the University of Montana Foundation specifying "Jerry O'Neal Fellowship" in the memo line. You can send the check to the University of Montana Foundation, P.O. Box 7159, Missoula, MT 59807-7159.

Donations may also be sent electronically. To contribute online go to www.umt.edu/umf/give/default.html and follow the link to give online. On the "Give to the University of Montana" form, enter *Jerry O'Neal Fellowship* in the box that is available under "special instructions for your gift."

Awards Given 2007–2009

2007: 3 fellows received a total of $13,000

2008: 3 fellows received a total of $12,000

2009: 2 fellows received a total of $9,500

Application Process

To find out more information on the application procedure and process, visit the Crown of the Continent Research Learning Center's web site at www.nps.gov/glac/naturescience/ccrlc-internships.htm or contact us at 406-888-5827.

Information can also be found on the Rocky Mountains Cooperative Ecosytem Studies Unit web site under Postings (www.cfc.umt.edu/CESU/NEWCESU/Postings/default.htm).

Rocky Mountains Cooperative Ecosystem Studies Unit

The Rocky Mountains Cooperative Ecosystem Studies Unit (RM-CESU) is a cooperative venture between 12 leading academic programs in the Rocky Mountain Region and 9 federal agencies.

Hosted by the University of Montana, the RM-CESU is connected to the CESU National Network, which works to improve the scientific base for managing federal land by providing resource managers with high-quality scientific research, technical assistance, and education.

To learn more about RM-CESU, visit our web site at www.cfc.umt.edu/CESU/default.htm or contact Lisa Gerloff, Executive Coordinator, at 406-243-5346.

Crown of the Continent Research Learning Center

The Crown of the Continent Research Learning Center (CCRLC) is located within Glacier National Park. It is part of a network of 21 National Park Service Research Learning Centers located throughout the United States.

Research Learning Centers facilitate research efforts and provide educational opportunities. They are places where science and education come together to preserve and protect areas of national significance.

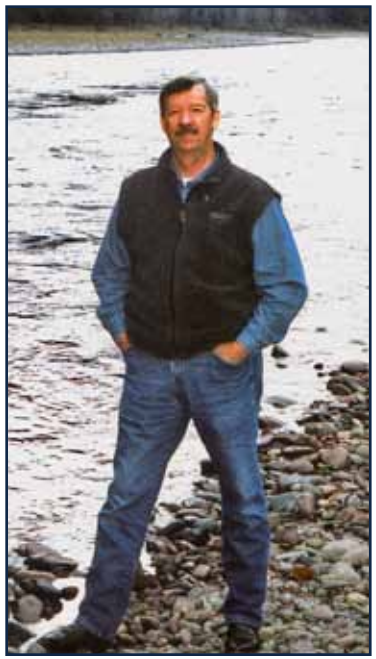
To learn more about CCRLC visit our web site at www.nps.gov/glac/naturescience/ccrlc.htm or contact us at 406-888-5827.

Jerry O'Neal

National Park Service Student Fellowship

The Crown of the Continent Research Learning Center, in collaboration with the Rocky Mountain CESU, created the Jerry O'Neal National Park Service Student Fellowship to support research in Glacier National Park, Grant-Kohrs Ranch National Historic Site, and Little Bighorn Battlefield National Monument.

Jerry O'Neal's Legacy



Jerry O'Neal

Jerry O'Neal was a scientist, poet, and writer. He had a deep love of nature and was an outspoken proponent for using sound science to support resource management decisions.

Jerry began his nearly 30 years of public service as an entomologist with the U.S. Forest Service. He joined the National Park Service in 1998 as chief of science and resources management at Mammoth Cave National Park and later served as chief of the resource management program for 64 parks in the Southeast. He became deputy superintendent of Glacier National Park in 2002.

The first in his family to attend college, Jerry believed in learning as a way of improving one's life and fostering environmental stewardship.

Fellowship Goal

The Jerry O'Neal NPS Student Fellowship aims to provide educational assistance for students seeking to understand natural and cultural resource issues and how these intersect with human values.

Featured Recipients

David McKenzie's research identifies tree species abundance and composition before and after fire in drier than usual post-fire climate conditions. His project sheds light on how changes in climate might affect future forests in the park, as well as providing direction for future study.

McKenzie and assistant Marci Trana

Lauren Barringer tested published predictions relating live trees and cone production to the likelihood of nutcrackers visiting whitebark pine stands. This study confirms that damage to whitebark pine trees from blister rust and mountain pine beetle reduces seed dispersal by nutcrackers and suggests that active management may be the key to whitebark's survival.

Assistant Katie Chipman and Barringer

Hossack surveying Fish Creek

Blake Hossack's research examines how habitat use, gene flow, and spatial population structure influence the transmission and net effects of amphibian disease (chytridiomycosis) on boreal toads in Glacier National Park. His research will provide a better understanding of a disease that is threatening toad populations in Montana.

Fellowship Awardees

2009 Fellows

- **Alison Dimond**-*University of Montana.* Visitor Use of Glacier's Shuttle System and Roadside Viewpoints.
- **Blake Hossack**-*University of Montana.* Linking Disease, Wildfire, and Gene Flow for Boreal Toad Populations in Glacier National Park.

2008 Fellows

- **Lauren Barringer**-*University of Colorado.* The Relationship between Clark's Nutcracker and Whitebark Pine Tree Health.
- **Mike Machura**-*Univeristy of Montana.* The Role of Genetics in Global Amphibian Decline.
- **Karin Riley**-*University of Montana.* Assessing Wildfire Effects from Micro to Landscape Scale in the Red Eagle Fire Area, Glacier National Park.

2007 Fellows

- **David Mckenzie**-*University of Wyoming.* Post-fire Climate Effects on Montane Forest Tree Species in Glacier National Park.
- **Erich Peitzsch**-*Montana State University.* Forecasting Wet slab Avalanches.
- **Sarah Wilson**-*University of Montana.* Underwater Archaeological Survey of former Altyn townsite, Lake Sherburne, Glacier National Park.

Erich Peitzsch at the USGS Garden Wall Weather Station