

ELIZABETH GALLI-NOBLE

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EDUCATION

1979 - 1983 University of Montana: Bachelor of Arts in History, secondary teaching certification
1990 - 1993 University of Montana: Part-time student, science-based undergraduate studies (honors)
1993 - 1995 Yale University, School of Forestry and Environmental Studies, Master of Forestry (high honors)

Master's Project: Effect of NoburNTM (natural wetting agent) and ROOTSTM (organic biostimulant) on the germination and growth rates of *Pinus caribaea* var. *hondurensis* and *Pinus taeda*. May 1995. Yale University, School of Forestry and Environmental Studies.
Advisor: Dr. Graeme P. Berlyn, Professor of Forest Management and Physiology of Trees.

EMPLOYMENT

March 2008 - present. **Director**, Center for Invasive Plant Management (CIPM), Montana State University; Bozeman, MT
Responsible for fiscal and program management of the Center; supervision of 6 professional staff and 2 graduate students; facilitate/organize/communicate with diverse invasive species partners throughout the western U.S. and nationally; grant(s) PI/writer/manager; technical writer/editor; Center spokesperson; technical advisory committee duties.

2004-2007. **Assistant Director for Research**, Montana Water Center, Montana State University; Bozeman, MT
Responsible for the management of the Water Center's research office and aquatic biology programs. Research Office Director; Whirling Disease Initiative Director (research grant leader/PI - \$1 million/year), Wild Fish Habitat Initiative Director (research grant PI - \$500,000/year).

1999-2004. **Coordinator/Project Manager**, Governor's Upper Yellowstone River Task Force; Livingston, MT
Responsible for overall management and operation of the \$2.8 million Cumulative Effects Investigation of the Upper Yellowstone River: 9 research investigations, \$1.75 million grant writing/management, technical writer/editor, program liaison to USACOE, communications director.

1997-1999. **Bozeman Regional Supervisor**, Montana Conservation Corps/AmeriCorps; Bozeman, MT
Responsible for overall operation and management of Bozeman MCC region: office administration and financial affairs, supervision of 20-30 members/year, 70 annual projects, trainer/educator/mentor, grant writing/management.

1996-1997. **Technical Editor**, USDA/USDI Interior Columbia Basin Ecosystem Management Project; Walla Walla, WA
Technical editor and member of the science team during the publication phase of the ICBEMP. Edited three ICBEMP documents: (1) *An Integrated Assessment of Ecosystem Management in the Interior Columbia Basin and Portions of the Klamath and Great Basins*, (2) *The Evaluation of Alternatives for Ecosystem Management in the Interior Columbia Basin and Portions of the Klamath and Great Basins*, and (3) *An Assessment of Ecosystem Components in the Interior Columbia Basin and Portions of the Klamath and Great Basins* (total +2,000 pages).

1995. **Research Team Leader**, Yale University and Mistik Management Ltd.; Meadow Lake, Saskatchewan Canada
Functioned as research leader for Yale University and Mistik Management (private timber company) during the preliminary year of a collaborative research project focusing on regional, landscape-scale *Populus tremuloides* and *Picea glauca* stand management.

1993-1995. **Lab Assistant/Technician**, Tropical Forestry Office/Lab Assistant, Environmental Policy Assignments, Yale University, School of Forestry and Environmental Studies; New Haven, CT
Responsible for upkeep of Dr. Berlyn's plant physiology lab. Conducted specialized lab and greenhouse experiments. Prepared course and lecture materials for Dr. Montagnini. Performed statistical data entry and analysis for Central American research project. Working member of the Yale Center for Environmental Law and Policy, and Yale Environmental Policy Clinic.

1994. **Project Leader**, New Haven Urban Resources Initiative and Yale President's Public Service Fellowship; New Haven, CT
Project leader for a social and biophysical revitalization of urban communities project through ecological restoration and

education: conducted forestry/agro-forestry projects within targeted local neighborhoods; developed/implemented environmental education curriculum for inner-city youth; communications link between low-income, inner-city communities and Yale; mentored undergraduate students in the Yale President's Public Service Fellowship program.

1988-1993. **Lead Forester/Firefighter**, USDA Forest Service; Gallatin and Lolo National Forests, MT
Seasonal crew supervisor/lead forestry technician, firefighter, fire squad boss.

1984-1986. **Tropical Agroforester**, Peace Corps Mali; Fatoma, Mali, West Africa
Tropical agroforester, extension agent, and nursery technician on USAID/CARE co-sponsored reforestation project based in the Sahelian region of Mali. Worked directly with Malian Forest Service and 20 Malian villages; produced 40,000 seedlings/annually and supervised 6 - 10 nursery workers; established village and school gardens/nurseries; planted windbreaks and woodlots; graphed/planted fruit trees; interplanted nitrogen-fixing trees in millet fields; and collaborated on local projects with United Nations, Save the Children, US Embassy, and World Wildlife Fund.

AWARDS & PROFESSIONAL ACTIVITIES

Montana NRCS - State Technical Advisory Committee (2008)
Western Weed Coordinating Committee (2008)
Pacific Northwest Invasive Plant Council - Steering Committee (2008)
Montana Noxious Weed Listing Committee (2008)
Greater Yellowstone Coordinating Committee (Weed Committee) (2008)
Technical advisor to the Yellowstone River Conservation District Council (2000-2007)
Montana Watershed Coordinating Council (1999-2008)
Society of American Foresters (1994-2008)
1995 Master of Forestry Class Marshal, Yale University
1994 President's Public Service Fellowship, Yale University
USFS recognition for exceptional work performance (1990, 1991, 1992)

PUBLICATIONS & REPORTING

1996-1997. Technical editor, Interior Columbia Basin Ecosystem Management Project documents:

- (1) An Integrated Assessment of Ecosystem Management in the Interior Columbia Basin and Portions of the Klamath and Great Basins
- (2) The Evaluation of Alternatives for Ecosystem Management in the Interior Columbia Basin and Portions of the Klamath and Great Basins
- (3) An Assessment of Ecosystem Components in the Interior Columbia Basin and Portions of the Klamath and Great Basins.

1999-2004. Project manager and member of the technical review team for the following Governor's Upper Yellowstone River Task Force publications:

- (1) Socioeconomic Assessment of the Upper Yellowstone River Valley; BBC Research & Consulting, December 2002.
- (2) Comparative Use of Modified and Natural Habitats of the Upper Yellowstone River by Juvenile Salmonids; Montana Cooperative Fisheries Research Unit (US Geological Survey & Montana State University), March 2003.
- (3) Upper Yellowstone River Watershed Land Cover Assessment; USDA NRCS, August 2003.
- (4) Historic Watershed Land Use Assessment of the Upper Yellowstone River Valley; Montana State University, July 2003.
- (5) Riparian Habitat Dynamics and Wildlife Along the Upper Yellowstone River; Montana State University, August 2003.
- (6) Effects of Channel Modification on Fish Habitat in the Upper Yellowstone River; USGS-Biological Resources Division, August 2003.
- (7) Temporal Patterns of Channel Migration, Fluvial Events, and Associated Vegetation Along the Yellowstone River, Montana; University of Montana, August 2003.
- (8) Historic Channel Changes and Geomorphology of the Upper Yellowstone River, Gardiner to Springdale Montana; Montana Department of Natural Resources and Conservation, August 2003.

Writer, editor, layout, photographer for 1999, 2000, 2001, 2002 Governor's Upper Yellowstone River Task Force Annual Reports, and 2003 Final Report to Montana's Governor.

Writer, layout, photographer for 2004, 2005 and 2006 Annual Reports to Congress (Whirling Disease Initiative and Wild Fish Habitat Initiative).