

CURRICULUM VITAE

PHILIP RICHARD BAIRD

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Crookston, MN 56716

I. EDUCATION:

Iowa State University, Ames

B.S. Outdoor Recreation Resources Management (1977)

M.S. Forestry – Administration and Management (1984)

II. PROFESSIONAL EMPLOYMENT AND RANK:

1979-Present Associate Professor of Natural Resources (1996-present), University of Minnesota, Crookston; Assistant Professor (1986-1996); Instructor (1979-1986)

III. TEACHING AND RELATED SERVICE:

I spend a considerable amount of time incorporating computer accessible resources available into the majority of the courses that I teach. These include; regular classroom and assignment/project use of resources available on the Internet, email and class/subject oriented discussion lists. I've maintained and developed course web pages to varying degrees for different classes. I've made extensive use of web-based conferencing tools in appropriate classes. I periodically use "mini-project" type assignments in lieu of a regular lecture format, as a way of providing a variety of delivery methods in an attempt to keep students more engaged in and out of class. I've begun working with portions of WebCT to supplement synchronous class activities.

A1. *Courses recently/regularly taught:*

NatR 1233 – Introduction to Natural Resources

NatR 1244 – Elements of Forestry

NatR 3630 – Geographic Information Systems

NatR 3203 – Park and Recreation Management

SWM 3225 – Soil and Water Conservation (2-week portion on windbreak/shelterbelt forestry)

Hort 1021 – Woody Plant Materials

GnAg 3900 – Internship

GnAg 3989/3901 – Pre/Post Internship Seminars

GnAg 3804 – Independent Studies (1-2 students/semester)

Hort xxxx – UM Master Gardener's Program – Woody Plant Portion (through TC Campus;
2 out-state training classes, and a WebCT based on-line class)

A2. *Other courses taught previously:*

Windbreak & Shelterbelt Forestry, Environmental Interpretation, Site Planning and Development, Principles of Fisheries Management, Natural Resource Measurements, Plant Taxonomy, Foliage Plants, Turf Management, Natural Resources Seminar, and Herbaceous Perennial Plant Materials.

B. *Program/Course Development:*

Program Innovation:

Planner and coordinator for a series of a series of synchronous, **Internet delivered wilderness management classes** over the past 6 years delivered by the University of Montana School of Forestry and initially with the Arthur Carhart National Wilderness Training Center to UMC students. Originally involved in day-to-day operation of course technology component (internet conferencing etc.) and classroom observation and evaluation.

Serve as the planner and on-going coordinator for 10 different criminal justice classes delivered (many via ITV) from the Criminal Justice Department at Bemidji State University as part of the new **Natural Resource Law Enforcement Major**. Have served as program coordinator and student advisor for this new major that was developed with the assistance of department advisory committee members. Enrollment in this emphasis has increased significantly and our evaluation of the program with advisory committee members and BSU continues. Coordinating First Responder classes and other associated program requirements.

Serve as co-developer/coordinator of a revised, center-wide **internship program** incorporating new reporting and monitoring requirements designed to make the internship a more focused educational and developmental part of the student's career preparation and learning experience. The new program also includes a required pre and post internship seminar, taught concurrently to allow students that will be seeking an internship in the future to learn from experiences of students that have recently completed the same. Post-intern students create a CD portfolio covering all aspects of their field experience.

Served as co-coordinator and co-developer of the **first campus-wide technology course** offered at UMC when the campus became the first "Laptop University" campus in the country. In concert with the Technology Working Group, we developed course objectives, evaluated teaching/training materials, developed teaching plans, led training for the 16 faculty members from across campus that taught the first course, and chaired weekly meetings of the instructors. Spent significant time contributing to initial laptop classroom designs on campus.

Advising and other teaching related-activities:

Annually **advise more than 50** students in academic program planning and selection in 4 of the 5 majors offered in the department (Natural Resource Management, Park Management, Soil and Water Technology, and Natural Resources Law Enforcement). Also work with students on scheduling, job placement, internship selection, general counseling, etc. Regularly visit with prospective students about our programs, career paths, etc. In addition, "co-advise" ~90 students/yr in **Ag/NatR Internships** during the summer of their internship as well as during preceding spring semester and following Fall semester when internship grades are assigned, and the students are involved with the Pre/Post Internship seminars.

Co-advise **UMC Natural Resources club**, including many field related service activities such as the annual tree planting trip in cooperation with the Chippewa National Forest for the past 22 years.

Have worked with numerous students on **individual study projects** including projects with the West Polk Soil & Water Conservation District on stream bank stabilization, and advising a UROP student with a regeneration survey of storm-damaged woodlands on the Rydell National Wildlife Refuge.

Teach map and compass portions of the S-130/S-190 wildland fire training courses conducted on our campus the past three years. (Course required by federal and state government NatR agencies)

Presentations to the Grand Forks Horticulture Society, University of Minnesota Master Gardener classes, and Elderhostel classes.

Actively participated in the semester conversion process in department program planning and worked closely with the departmental advisory committee.

Co-presented approximately 8 *NetMeeting* sessions for INFOCON workshops for area public school teachers, spring 2000.

Presentation to UMC Faculty on use of UM Portfolio and Undergraduate Advising Applications, 2003.

IV. RESEARCH RELATED ACTIVITIES:

Papers/Posters/Presentations:

UMC Natural Resources Department. 2003. *A guide for new students*. Internal publication for new and transfer students. U of MN, Crookston, 27 p. (co-author)

Hoff, D.E. and P.R. Baird. 2000. *Echinacea angustifolia as an alternative crop in northwest Minnesota: a preliminary market analysis*. Final report to Agricultural Utilization and Research Institute. Northwest Research and Outreach Center, U. of MN, Crookston, 5 p.

Queen, L., S. Peel, W. Freimund, and P. Baird. 1998. *Educating a dispersed wilderness audience- Internet opportunities*. International Journal of Wilderness, 4:19-22.

Dyer, J.M. and P.R. Baird. 1997. *Remnant forest stands at a prairie ecotone site: presettlement history and comparison with other maple-basswood stands*. Physical Geography 18:146-159.

Dyer, J.M. and P.R. Baird. 1997. *Wind disturbance in remnant forest stands along the prairie-forest ecotone, Minnesota, USA*. Plant Ecology 129:121-137.

Baird, P.R., J.M. Dyer, and W.D. Svedarsky. 1995. *A vegetative survey of the Rydell National Wildlife Refuge, with an emphasis on remnant plant communities*. Final Report to U.S. Fish and Wildlife Service, Contract No. 32586-4-0276.

Queen, L., S. Peel, W. Freimund, and P. Baird. 1999. *Educating a dispersed wilderness audience – Internet opportunities*. Poster presentation at the International Wilderness Society Meeting in Missoula MT, May 1999.

Freimund, W.F., S. Peels, and P.R. Baird. 1998. *The development and delivery of an Internet-based wilderness management course*, poster presented at the Second Biennial Conference on University Education in Natural Resources, Utah State University, Logan, UT, March.

Dyer, J.M. and P.R. Baird. 1996. *Stand characteristics at the north and western range limits of the mesic deciduous forest*. Poster presentation at the national meeting of the Association of American Geographers, North Carolina.

Baird, P.R. *The Development and Delivery of an Internet-Based Wilderness Management Course*, presented as part of 6 UMC faculty's presentation, "Plugged in and On-line", at The Collaboration: for the advancement of college teaching & learning, Mpls, Nov. 1998.

Baird, P.R. *The Development and Delivery of an Internet-Based Wilderness Management Course* presented at the annual meeting of the National Association and Teachers of Agriculture, Iowa State University, Ames, IA. June 22-25, 1997.

Discipline Related Service:

Itasca State Park long-term management plan advisory committee, 1995-97.

Planning committee member/coordinator for developing a regional shade tree advisory committee with regional urban foresters and DNR personnel; resulting in formation of Headwaters Area Shade Tree Advisory Committee (HASTAC) at the Northwest Urban Forestry Workshop in 1997. Member of Northwest Regional DNR Urban Forestry Grant Selection Committee, 1999.

Program facilitator, planner and occasional presenter for the **Annual Northwest Urban Forestry Workshop** (18 years) in coordination with the Minnesota Dept. of Agriculture Tree Inspector Certification Program and the Headwaters Shade Tree Advisory Committee, in cooperation with the Minnesota Department of Agriculture's Tree Inspector Certification Program. Has been accredited by the International Society of Arboriculture.

Served as project coordinator, **Commercial Small Fruit and Vegetable Demonstration Project**, funded by the Governor's Council on Rural Development, 1984-86. Established and maintained approximately 3 acres of fruit and vegetable production plots on the UM Northwest Experiment Station to spur interest among local growers. Presented numerous field tours, seminars and workshops to interested growers.

Conducted turf management training for MN DNR Parks and Recreation Annual Training Session, 1987-88.

Organization Membership:

Society of American Foresters, National and Minnesota Societies. Served as communications chair for the Headwaters Chapter of the state society for more than 10 years. Assisted in initiating a chapter web page.

North Dakota Horticulture Society
National Association for College Teachers in Agriculture
The Nature Conservancy
National Parks and Conservation Association
and past member of Minnesota Society of Arboriculture, North Central Turfgrass Association

Professional Meetings Attended:

MN Geographic Information Systems/Land Information Systems Annual Workshops/Meetings: 2000, 2001, 2002
Society of American Foresters Tour of Cutoff Sioux Experimental Forest, Deer River MN. 7/2000
Living Snow Fence Planning and Management: Sept 1, 1999, Fergus Falls, MN. Sponsored by MN BWSR
Minnesota GIS/LIS Annual Meeting and Conference: 1998-2002.
Minnesota Society of American Foresters Annual Meeting: February 1-3, 2000, Grand Rapids, MN.
4-day Instructional Technology Camp at UMC in June 1999.

V. SERVICE ACTIVITIES

Am currently serving on the following committees:

- UMC Campus Curriculum Committee
- UMC Criminal Justice Degree Planning Committee
- UMC Campus Technology Committee
- UMC Professional Development Committee

Have also recently served on:

- Chaired and member of, UMC Distinguished Teaching Award Committee
- Member of about 10 campus faculty search committees in past several years; chaired 2 committees
- Center for Ag/Natural Resources Marketing and Public Relations Committee, Ag-Arama Committee
- UMC Student Fees Committee, Financial Aid Committee
- UMC Faculty Consultative Committee
- UMC Academic Standards and Policies Committee
- Center for Ag/Natural Resources Scholarship Committee

VI. AWARDS/HONORS:

Horace T. Morse-University of Minnesota Alumni Association Award for Outstanding Contributions to Undergraduate Education, Spring 2004.

Academic Advisor of the Semester, UMC Student Association, Fall 2003.

Outstanding Educator of the Year, UMC Student Association, Spring, 2003.

President's Award for Outstanding Service, University of Minnesota. 1999.

Distinguished Teaching Award, University of Minnesota, Crookston. 1993.

Outstanding Service to Students Award, University of Minnesota, Crookston. 1991.

References:

Dr. W. Daniel Svedarsky, Department Head, Natural Resources Department, UMC. 281-8129

Dr. John Loegering, Associate Professor, Natural Resources Department, UMC. 281-8132

Dr. Richard Nelson, Associate Vice Chancellor, UMC. 281- 8100