

Curriculum Vitae

I. Name, Rank, Title; other optional personal information

John W. Punches

Associate Professor, Extension Forester, Staff Chair
Wood Science & Engineering, 12 month Extension appointment

II. Education and Employment History

A. Education

Ph.D. In progress. Forest Science
Oregon State University
Corvallis, Oregon

M.S. 1993 Wood Science and Forest Products
Forest Products Management and Marketing
Virginia Polytechnic Institute and State University
Blacksburg, Virginia

B.S. 1990 Forestry
Michigan Technological University
Houghton, Michigan

B. Employment

2000 – 2002 Interim Staff Chair, Josephine County Office, Oregon State
University Extension Service.

Supervise professional staff and faculty members, serve as budget officer for tax district, manage budget, provide oversight for Extension programs offered in Josephine County, serve as communication link between local stakeholders and University-based Extension administration.

- 1995 – P Staff Chair, Douglas County Office, Oregon State University Extension Service.
- Supervise professional staff and faculty members, recruit funding and manage budget, provide oversight for Extension programs offered in Douglas County, serve as communication link between local stakeholders and University-based Extension administration.
- 2000 – P Extension Agent/Associate Professor, Oregon State University Extension Service.
- 1994 – 2000 Assistant Professor, Oregon State University Extension Service.
- Provide leadership for creating, delivering, and evaluating educational programs in value-added forest products and woodland management/forestry. Primary clientele include secondary wood products manufacturers, the entrepreneurial community, and small woodland owners.
- 1991 – 1994 Programmer/Analyst, Department of Wood Science and Forest Products.
- Market analysis in primary and secondary wood products industries, coordination of academic research, administration of computer resources, recruitment and management for the Center for Forest Products Marketing.
- 1990 Graduate Research Assistant, Department of Wood Science and Forest Products.
- Sample design, survey design, statistical analysis, database development, generation of reports and proposals, primary and secondary research.
- 1990 Forestry Technician, U.S. Forest Service, Intermountain Forest and Range Experimental Station, Moscow, ID.
- Supervised field and laboratory crew in collection and analysis of forest research data.

III. Teaching, Advising, and Other Assignments

A. Instructional Summary

Summary of Teaching Activities

Year	Number Different Classes Offered ¹	Number Teaching Presentations ²	Number of Participants ³
2004 ⁴	13	44	1063
2003 ⁴	32	33	2514
2002	20	135	4256
2001	18	75	2803
2000	35	97	3216
1999	16	55	2377
1998	27	53	2006
1997	16	42	1836
1996	16	22	2068
1995	11	22	1884
1994 (Aug-Dec)	2	5	490

¹Individual vita line items in section III.A.2 (a-c)

²Presentations by Punches including classes repeated for different audiences and separate presentations delivered to a single audience.

³Individuals who participated in multiple classes were counted once for each class. Office/site visits or calls not included.

⁴Sabbatical, September 2003 through May 2004.

1. For-Credit Courses

a) Instructor or Co-instructor

WSE 506. Spring 2004. Special Projects in Wood Anatomy and Tree Physiology. Designed, organized and co-hosted.

b) Guest Lectures

WSE 521. Winter 2004. Wood Science I. Guest lecture on chemical composition of wood.

FS 533. Winter 2003. Fundamentals of Silviculture. Guest workshop on forest measurement techniques.

2. Non-Credit Courses and Workshops

a) Major Organizational or Delivery Responsibilities

Tree Physiology: Its Implications for Forest Management and Wood Quality. December 2, 2004. Roseburg, OR. 5 participants. 4 hours classroom plus 3 hours field. An in-depth

look at how trees grow, how they respond to forest management activities, and what this means for wood quality. Component of Advanced Forestry Seminar Series targeting professional foresters. Co-organizer, instructor.

Forest Business Considerations. November 30, 2004. Roseburg, OR. 9 participants. 4 hours classroom. Types of income, categories of activity, categories of costs and their recovery mechanisms, basis and depletion, timber sale types, reforestation credit and amortization, losses, form T, easements, zoning, assessment, Oregon timber taxes, record-keeping, intergenerational transfer. Component of Enhanced Forestry for Woodland Owners Series. Co-organizer, lead instructor.

Wildlife, Watersheds, Roads & Fire. November 23, 2004. Roseburg, OR. 8 participants. 4 hours classroom plus 3 hours field. Woodland habitat considerations, road maintenance, fire prevention strategies, characteristics of watersheds and implications for woodland owners. Component of Enhanced Forestry for Woodland Owners Series. Co-organizer.

Forest Measurements, Inventory, Harvesting & Marketing. November 16, 2004. Roseburg, OR. 6 participants. 5 hours classroom, 3 hours field. Forest product measurement systems, use of measurement tools, systematic inventory on fixed radius plots, harvesting options, timber product marketing considerations. Component of Enhanced Forestry for Woodland Owners Series. Co-organizer, instructor.

Forest Health, Reforestation & Vegetation Management. November 9, 2004. Roseburg, OR. 8 participants. 5 hours classroom, 3 hours field. Conceptual basis of forest health; basic tree physiology and stand development considerations; role of abiotic factors; identification and management of root, stem, and foliage diseases; insect management, common human-caused injury mechanisms; reforestation techniques and considerations; vegetation management techniques and considerations. Component of Enhanced Forestry for Woodland Owners Series. Co-organizer, instructor.

Improving Involvement in Watershed Stewardship. November 16, 2004. Roseburg, OR. 2 participants. Video Conference presented by Washington State University. Local co-host.

Forest Harvesting & Marketing. September 14, 2003. Glide, OR. 5 participants. Harvesting equipment selection, site implications, and contracting. Concepts and tools for marketing timber products. Components of Basic Forestry Short Course series. Field presentation and facilitated discussion supported by Extension publications and instructor-developed handouts. 5 hours. Organizer and instructor.

Forest Watersheds & Wildlife. September 4, 2003. Roseburg, OR. 8 participants. Watershed functions, riparian management issues, wildlife habitat management, anadromous fish considerations. Components of Basic Forestry Short Course series. Classroom presentation via PowerPoint with Extension publications and other student materials. 2.5 hours. Organizer and instructor.

Forest Business Considerations. August 14, 2003. Roseburg, OR. 10 participants. Zoning, assessments, state taxes, basis and depletion, Form T, Ag Handbook 718, record keeping, estate planning considerations. Component of Basic Forestry Short Course series. Classroom presentation via PowerPoint supported with Extension publications and instructor-developed student materials. 2.5 hours. Organizer and instructor.

Forest Measurements & Inventory. July 31, 2003. Roseburg, OR. 12 participants. Introduction to forest product measurement techniques and units, land survey system, and basic timber inventory processes. Component of Basic Forestry Short Course Series. Classroom presentation via PowerPoint supported by Extension forestry publications. 2.5 hours. Organizer and instructor.

Practical Science for Portable Sawmill Operations. July 16, 2003. Roseburg, OR. 11 participants. Introductory wood science class for persons operating or considering purchase of small, portable sawmills. Emphasis on sawing techniques, drying considerations, and grade requirements. Classroom session with PowerPoint followed by field session. 7 hours. Organizer.

Forest Management Tour. July 13, 2003. Glide, OR. 5 participants. Component of Basic Forestry Short Course. In-depth discussions and hands-on examination of forest soils, tree development, stand vigor, tree identification, and disease management. 6 hours. Organizer and instructor.

An Introduction to Forest Health. July 10, 2003. Roseburg, OR. 15 participants. Component of Basic Forestry Short Course. Perspectives of forest health, tree physiology, succession, competition, abiotic factors, common insects and fungi, animal and human damage, techniques for managing forest health. 2.5 hours. Organizer and instructor.

Tree School South. June 17, 2003. Roseburg, OR. 150 participants. One-day workshop for woodland owners. Wide variety of topics. 22 individual sessions. Combination of classroom and field locations. Students could participate in as many as four individual sessions during the day. 8 hours. Lead organizer and host.

Reforestation & Vegetation Management. June 5, 2003. Roseburg, OR. 11 participants. Component of Basic Forestry Short Course. Site preparation, seedling selection, seedling care and handling, planting, release treatments, and animal damage mitigation techniques. PowerPoint presentation with tool and product demonstrations supported by Extension Forestry and instructor-developed student materials. 2.5 hours. Organizer and instructor.

Forest Ecology, Tree Biology & Silviculture. May 22, 2003. Roseburg, OR. 15 participants. Component of Basic Forestry Short Course. Explanation of how trees grow and forests develop under natural and human-imposed disturbance regimes. PowerPoint presentation supported by Extension Forestry and instructor-developed student materials. 2.5 hours. Organizer and instructor.

Douglas County School Tour. May 13-16, 2003. Glide, OR. 1052 participants. Interactive program for 5th and 6th grade students. 14 concurrent instruction stations. 22 minutes per station. Lead organizer and host, instructor for Forest Products segment (12 presentations personally).

Bare Root or Plug: Reforestation Workshop. May 1, 2003. Roseburg, OR. 26 participants. Cooperative event with Douglas Small Woodlands Association. Four speakers and panel discussion. 2.5 hours. Organizer.

Water Quality & Working Together. April 24, 2003. Roseburg, OR. 24 participants. Component of Watershed Stewardship

Education Program. Group interactive sessions. 7 hours.
Organizer.

Water Quality Monitoring. April 23, 2003. Roseburg, OR. 24 participants. Component of Watershed Stewardship Education Program. Classroom presentation via PowerPoint. 2 hours.
Organizer.

Working Together. April 22, 2003. Roseburg, OR. 24 participants. Component of Watershed Stewardship Education Program. Classroom presentation and group activities. 2 hours.
Organizer.

Grass Roots Economic Assessment Tool. March 25, 2003. Roseburg, OR. 5 participants. Introduction to new financial assessment tool for woodland owners. Train-the-trainer session for Extension agents, Service Foresters, and Master Woodland Manager Volunteers. Organizer.

Stream Assessment & Salmonid Biology. March 20, 2003. Elkton & Drain, OR. 22 participants. Component of Watershed Stewardship Education Program. Field laboratory. 7 hours.
Organizer.

Stream Assessment & Restoration. March 19, 2003. Roseburg, OR. 24 participants. Component of Watershed Stewardship Education Program. Classroom presentation via PowerPoint. 2 hours. Organizer.

Salmonid Biology. March 18, 2003. Roseburg, OR. 21 participants. Component of Watershed Stewardship Education Program. Classroom presentation via PowerPoint. 2 hours.
Organizer.

Wetlands Evaluation & Soils Conservation. February 20, 2003. Gardiner, OR. 27 participants. Component of Watershed Stewardship Education Program. Field laboratory. 7 hours.
Organizer.

Soils, Erosion & Conservation. February 19, 2003. Roseburg, OR. 28 participants. Component of Watershed Stewardship Education Program. Classroom presentation via PowerPoint. 2 hours. Organizer.

Wetland Evaluation & Enhancement. February 18, 2003. Roseburg, OR. 26 participants. Component of Watershed

Stewardship Education Program. Classroom presentation via overheads. 2 hours. Organizer.

Watersheds & Riparian Functions. January 29, 2003. Yoncalla & Drain, OR. 28 participants. Component of Watershed Stewardship Education Program. Field laboratory. 7 hours. Organizer.

Watershed & Stream Processes. January 28, 2003. Roseburg, OR. 27 participants. Component of Watershed Stewardship Education Program. Classroom presentation via PowerPoint. 2 hours. Organizer.

Riparian Area Functions & Management. January 29, 2003. Roseburg, OR. 29 participants. Component of Watershed Stewardship Education Program. Classroom presentation via PowerPoint. 2 hours. Organizer.

Watershed & Stream Processes. January 28, 2003. Roseburg, OR. 27 participants. Component of Watershed Stewardship Education Program. 2 hours. Organizer.

Introduction to Watershed Stewardship. January 15, 2003. Roseburg, OR. 29 participants. Overview of program contents and participant activities. Component of Watershed Stewardship Education Program. 1.5 hours. Organizer and instructor.

Resource Management Planning Train-the-Trainer Workshop. December 16-17, 2002. Corvallis, OR. 11 participants. Workshop for Extension Forestry agents and volunteers, to prepare them to teach and/or host the RMP course. Series of PowerPoint presentations, classroom exercises, field exercises, and discussions. 17 hours. Organizer and lead instructor.

Putting it All Together. November 19, 2002. Roseburg, OR. 16 participants. Module of Resource Management Planning course. Overhead presentation, classroom exercise, and student materials developed by instructor. 2.5 hours. Organizer and instructor.

Implications, Actions & Constraints. October 6, 2002. Roseburg, OR. 20 participants. Module of Resource Management Planning course. PowerPoint presentation, classroom exercise, and student materials developed by instructor. 5 hours. Organizer and instructor.

Conducting the Stream Inventory. October 20, 2002. Roseburg, OR. 23 participants. Module of Resource Management Planning course. PowerPoint presentation, field exercise, and student materials developed by instructor. 5 hours. Organizer and instructor.

Conducting the Road Inventory, Assessing Regeneration Success. October 6, 2002. Roseburg, OR. 20 participants. Modules of Resource Management Planning course. PowerPoint presentations, field exercises, and student materials developed by instructor. 5 hours. Organizers and instructor.

Summarizing & Interpreting Upland & Riparian Inventory Data. September 24, 2002. Roseburg, OR. 25 participants. Modules of Resource Management Planning course. Overhead presentation, Excel spreadsheet presentation, paper and electronic student materials developed by instructor. 2.5 hours. Organizer and instructor.

Conducting the Riparian Inventory. September 22, 2002. Roseburg, OR. 23 participants. Module of Resource Management Planning course. PowerPoint presentation, student materials, and field exercises developed by instructor. 5 hours. Organizer and instructor.

Conducting the Upland Inventory. September 8, 2002. Roseburg, OR. 30 participants. Module of Resource Management Planning course. PowerPoint presentation, student materials, and field exercises developed by instructor. 5 hours. Organizer and instructor.

Mapping Family Forestland Resources & Using Woodland Inventory Tools. August 25, 2002. Roseburg, OR. 28 participants. Modules of Resource Management Planning course. PowerPoint presentation, in-class exercises, student materials, and field exercises developed by instructor. 5 hours. Organizer and instructor.

Legal & Business Considerations, Cover Sheet, Property Descriptions, Goals & Objectives, Mapping Prerequisites. August 20, 2002. Roseburg, OR. 31 participants. Modules of Resource Management Planning course. Materials developed by instructor (Legal & Business coauthored by Rick Fletcher). 2.5 hours. Organizer and instructor.

Introduction to RMP, Family Forestland Resources, Elements of a Plan, and Course Requirements. August 13, 2002. Roseburg, OR. 31 participants. Modules of Resource Management Planning course. Materials developed by instructor. 2.5 hours. Organizer and instructor.

Tree School South. June 21, 2002. Roseburg, OR. 177 participants. One day workshop for woodland owners. Wide variety of topics. 23 individual sessions. Combination of classroom and field locations. Students could participate in as many as four individual sessions during the day. 8 hours. Lead organizer and host.

Douglas County School Tour. May 14-17, 2002. Glide, OR. 1200 participants. Interactive program for 5th and 6th grade students. 14 concurrent instruction stations. 22 minutes per station. Lead organizer and host, instructor for Forest Products segment (12 presentations personally).

Alpine Ecology of Douglas County. October 16, 2001. Diamond Lake, OR. 11 participants. Field trip for Job Corp students. Plant identification and ecosystem characteristics of high elevation site in Douglas County. 8 hours. Organizer and instructor.

Forest Wildlife & Watersheds. August 14, 2001. Roseburg, OR. 14 participants. Managing wildlife species in Douglas County and an overview of watershed processes, riparian functions and fish habitat. 3 hours. Organizer and instructor.

Forest Measurements Field Exercise. July 19, 2001. Glide, OR. 7 participants. Applying inventory concepts in small woodlands. Hands-on exercise collecting and summarizing data. 3 hours. Organizer and instructor.

Forest Measurements & Inventory Techniques. July 17, 2001. Roseburg, OR. 10 participants. Method for measuring and documenting the number, type, size, and growth rates of trees on small woodland properties. PowerPoint presentation with student materials from Extension Forestry and instructor. 3 hours. Organizer and instructor.

Tree Identification Field Lab. June 19, 2001. Glide, OR. 6 participants. Hands-on experience using dichotomous keys to identify tree species native to southwestern Oregon. 3 hours. Organizer and co-instructor.

Harvesting & Marketing Timber Products. June 6, 2001. Roseburg, OR. 9 participants. Harvest methods applicable to small woodlot management. Types of timber products typical of those forests. Steps involved in marketing timber products. 3 hours. Organizer and instructor.

Douglas County School Tour. May 15 – 18, 2001. Glide, OR. 1250 participants. Interactive program for 5th and 6th grade students. 14 concurrent instruction stations. 22 minutes per station. Lead organizer and host, instructor for Forest Products segment (19 presentations to 485 participants personally).

Forest Health. April 17, 2001. Roseburg, OR. 21 participants. Introduction to conditions and organisms that contribute to disease in trees, the natural role of disease organisms in forest ecosystems, and mechanisms for managing disease. PowerPoint presentation with student materials from Extension Forestry supplemented with materials developed by instructor. 3 hours. Organizer and instructor.

Forest Ecology & Silviculture. February 21, 2001. Roseburg, OR. 16 participants. Ecological concepts applicable to timber stands, interactions of trees and environment, interactions among trees, concepts of competition and succession, stand density management, even-aged, uneven-aged, and coppice management methods. PowerPoint presentation with student materials from Extension Forestry supplemented with materials developed by the instructor. 3 hours. Organizer and instructor.

Forest Business Concepts. February 8, 2001. Roseburg, OR. 13 participants. Basis, depletion, Form T, Oregon timber taxes, record-keeping, elements of estate planning, sources of assistance. 3 hours. Organizer and instructor.

Reforestation & Vegetation Management. January 23, 2001. Roseburg, OR. 10 participants. Site preparation, seedling selection, tree planting, release treatments. PowerPoint presentation with Extension Forestry and instructor-generated student materials. 3 hours. Organizer and instructor.

Resource Management Planning Pilot Series Session 8. November 1, 2000. Roseburg, OR. 4 participants. Marketing, additional resources, management decisions. 8 hours. Organizer.

Forestry Tax Workshop. October 19, 2000. Roseburg, OR. 20 participants. 7 hours. Organizer/host.

Resource Management Planning Pilot Series Session 7.
October 17, 2000. Roseburg, OR. 4 participants. Silviculture, growth & yield, stand density management. 8 hours. Organizer.

Resource Management Planning Pilot Series Session 6.
October 3, 2000. Roseburg, OR. 4 participants. Fish, Wildlife, Riparian resources. 8 hours. Organizer.

Resource Management Planning Pilot Series Session 5.
September 26, 2000. Roseburg, OR. 4 participants. Water resources, soils, erosion, access planning. 8 hours. Organizer.

Resource Management Planning Pilot Series Session 4.
September 24, 2000. Roseburg, OR. 4 participants. Forest pest & fire management, regeneration inventory. 8 hours. Organizer and co-instructor.

Resource Management Planning Pilot Series Session 3.
September 19, 2000. Roseburg, OR. 4 participants. Forest inventory. Sampling theory, applying inventory methods in small woodland properties, determining number, location, and size of plots, collecting data, common units of measurement. Classroom presentation with PowerPoint and LCD projector, Extension Forestry and instructor generated student materials, followed by field session where students collected inventory data. 8 hours. Organizer and instructor.

Resource Management Planning Pilot Series Session 2.
September 12, 2000. Roseburg, OR. 4 participants. Forest ecology, silvics, reforestation. 8 hours. Organizer.

Resource Management Planning Pilot Series Session 1.
September 6, 2000. Roseburg, OR. 4 participants. Management plans, mapping, taxes and record keeping. 8 hours. Organizer and co-instructor.

Douglas County School Tour. May 16 – 19, 2000. Glide, OR. 1200 participants. Interactive program for 5th and 6th grade students. 14 concurrent instruction stations. 22 minutes per station. Lead organizer and host, instructor for Forest Products segment (24 presentations to 535 participants personally).

Silviculture, Tree Health, and Other Forest Management Topics. May 14, 2000. Roseburg, OR. 16 participants. Component of Basic Forestry Short Course. Field tour. 3 hours. Organizer and instructor.

Oregon's Forest Practices Act & Woodland Assistance Sources. May 11, 2000. Roseburg, OR. 15 participants. Component of Basic Forestry Short Course. PowerPoint presentation with instructor generated student materials. 2.5 hours. Organizer and instructor.

Forest Business Considerations. May 9, 2000. Roseburg, OR. 17 participants. Component of Basic Forestry Short Course. State and federal taxes, estate planning, zoning, assessments, record keeping. PowerPoint presentation with instructor generated and other student materials. 3 hours. Organizer and instructor.

Harvesting & Marketing Timber Products. May 8, 2000. Roseburg, OR. 17 participants. Component of Basic Forestry Short Course. Harvesting techniques and considerations, types of timber products, steps of selling timber products. PowerPoint presentation with instructor generated and other student materials. 2.5 hours. Organizer and instructor.

Applying Inventory & Density Management Concepts in Conifer Forests. May 7, 2000. Glide, OR. 23 participants. Component of Basic Forestry Short Course. Field exercise. Inventory data collection exercise and data analysis exercise, based on Extension publication EC1190 and Extension Forestry density diagram. 4 hours. Organizer and instructor.

Forest Measurements, Inventory, & Management Planning. May 4, 2000. Roseburg, OR. 25 participants. Component of Basic Forestry Short Course. Concepts in mapping, measuring forest products, collecting inventory data, incorporating it into a management plan, identifying objectives and developing action plans. PowerPoint presentation with instructor generated student materials, Extension Forestry video. 3 hours. Organizer and instructor.

Forest Health. May 2, 2000. Roseburg, OR. 18 participants. Component of Basic Forestry Short Course. Concept of forest health put in perspective, abiotic factors influencing tree health, insects, root diseases, stem decays, foliage diseases, parasitic plants, management practices. PowerPoint presentation with

instructor generated student materials and numerous Extension publications. 3 hours. Organizer and instructor.

Forest Wildlife & Watersheds. May 1, 2000. Roseburg, OR. 20 participants. Component of Basic Forestry Short Course. Habitat management, needs of wildlife and fish, implications for forest management, role of Forest Practices Rules. PowerPoint presentation with Extension publications and video. 2.5 hours. Organizer and instructor.

Identifying Douglas County's Native Trees. April 30, 2000. Roseburg, OR. 14 participants. Component of Basic Forestry Short Course. Field exercise. 3 hours. Organizer and co-instructor.

Reforestation & Vegetation Management. April 27, 2000. Roseburg, OR. 14 participants. Component of Basic Forestry Short Course. Site preparation, seedling selection, tree planting, release treatments. Slide presentation with Extension Forestry and instructor generated student materials. 3 hours. Organizer and instructor.

Forest Ecology & Silviculture. April 25, 2000. Roseburg, OR. 24 participants. Component of Basic Forestry Short Course. Processes at work in forests, succession in unmanaged stands, role of disturbance, methods of managing timber stands. Slide presentation with Extension Forestry and instructor generated and other student materials. 3 hours. Organizer and instructor.

Introduction to Woodland Management & Tree Characteristics. April 24, 2000. Roseburg, OR. 20 participants. Component of Basic Forestry Short Course. Characteristics of woodland owners, common concerns and needs. Overview of tree species common in Douglas County, their tolerances and site requirements, key identifying features. PowerPoint presentation with instructor generated student materials and in-class laboratory. 3 hours. Organizer and instructor.

Swiss Needle Cast Workshop and Tour. October 19, 1999. Reedsport, OR. 36 participants. Cooperative effort with Douglas Small Woodlands Association. 6 hours. Co-organizer.

Internet Marketing for Small Businesses. July 29, 1999. Roseburg, OR. 5 participants. Accessing and using World Wide Web sites to promote products and services, solicit market information, merchandize products and services.

Characteristics of Web users. Tailoring Web sites to potential customers. PowerPoint presentation followed by guided lab session. Included instructor-generated student reference materials. Presented at the request of the Umpqua Community Development Center. 3 hours. Co-organizer and instructor.

Why Are Trees Dying in Douglas County? July 22, 1999. Roseburg, OR. 30 participants. Forest Health Field Tour. Field laboratory and guided discussion of tree diseases and contributing factors. 3.0 hours. Co-organizer and instructor.

Why Are Trees Dying in Douglas County? July 20, 1999. Roseburg, OR. 60 participants. Forest Health Classroom Seminar. Lecture with accompanying slides addressing forest health issues of key interest in Douglas County. Interspersed with participant discussions. Included instructor-generated and compiled student reference materials. 3.0 hours. Co-organizer and instructor.

Forest Health Field Training Session for Master Woodland Manager Volunteers. May 13, 1999. Umpqua, OR. 6 participants. Site visit to teach volunteers methods for interacting with public in conjunction with their duties. 1.5 hours. Organizer and instructor.

Douglas County School Tour. May 12 – 14, 1999. Glide, OR. 1300 participants. Interactive program for 5th and 6th grade students. 14 concurrent instruction stations. 22 minutes per station. Lead organizer and host, instructor for Forest Products segment (19 presentations to 450 participants personally).

Managing Your Timber Sale Workshop. April 27, 1999. Roseburg, OR. 23 participants. 4 hours. Organizer.

Forest Management Field Session. Component of Basic Forestry Series. November 1, 1998. Roseburg, OR. 19 participants. Field laboratory reviewing concepts presented in preceding classroom sessions. 5 hours. Organizer and instructor.

Forest Business Management. Component of Basic Forestry Series. October 28, 1998. Roseburg, OR. 19 participants. Introduction to state and federal forestland taxes, estate planning, and record keeping. Utilizing Forestry Extension curriculum. Illustrated with overheads. Supported by Extension Program student materials. 2.5 hours. Organizer and instructor.

Timber Harvesting and Marketing. October 27, 1998. Roseburg, OR. 19 participants. Components of Basic Forestry Series. Historical perspective of logging in Oregon, harvesting operational steps, cost factors, applications of harvesting systems/equipment, types of timber sales, steps in timber sales, descriptions of key products. Classroom presentation illustrated with slides. Accompanied by Extension Program and instructor-generated student materials. 2.5 hours. Organizer and instructor.

Forest Measurements and Inventory. October 26, 1998. Roseburg, OR. 20 participants. Component of Basic Forestry Series. Introduction to forest mapping, measurement, and inventory practices. Classroom presentation illustrated using animated PowerPoint presentation via computer and LCD projector. Accompanied by instructor-generated student materials. 2.5 hours. Organizer and instructor.

Ecology and Silviculture Field Session. October 11, 1998. Roseburg, OR. 21 participants. Component of Basic Forestry Series. Field laboratory emphasizing concepts presented in earlier classroom sessions. 5 hours. Organizer and instructor.

Forest Health. October 8, 1998. Roseburg, OR. 20 participants. Component of Basic Forestry Series. Biology, ecological implications, characteristics and impacts of forest diseases in Douglas County. Based on Forestry Extension curriculum with considerable modification for local applicability. Classroom presentation illustrated with slides. Accompanied by instructor-generated and Extension Program student materials. 2.5 hours. Organizer and instructor.

Reforestation and Vegetation Management. October 7, 1998. Roseburg, OR. 18 participants. Components of Basic Forestry Series. Detailed examination of reforestation issues in Douglas County. Overview of site preparation, seedling selection, planting techniques, release treatments and animal damage control. Discussions of chemical and non-chemical vegetation management methods. Classroom presentation illustrated with slides and display of planting equipment. Accompanied by Forestry Program and instructor-generated student materials. 3 hours. Organizer and instructor.

Forest Ecology and Silviculture. October 6, 1998. Roseburg, OR. 23 participants. Systems perspective and role of cycles in

forest development, stages of stand development, silvicultural (regeneration) systems in even-aged and uneven-aged stands, and implications for common forest management activities. Classroom presentation illustrated with slides. Accompanied by Forestry Program student materials. 3 hours. Organizer and instructor.

Silvics and Tree Identification. October 5, 1998. Roseburg, OR. 25 participants. Component of Basic Forestry Series. Characteristics of trees and major identifying features. Classroom presentation illustrated with slides. Followed by guided laboratory in which students identified common conifer and broadleaf tree species from foliage, twig, and cone samples. Accompanied by instructor-generated and Forestry Program student materials. 3 hours. Organizer and instructor.

Small-log Equipment Demonstration. July 21, 1998. Roseburg, OR. 67 participants. Thinning, pruning, yarding. 6 hours. Organizer.

Reforestation and Vegetation Management. May 19, 1998. Roseburg, OR. 22 participants. Components of Basic Forestry Short Course. Detailed examination of reforestation issues in Douglas County. Overview of site preparation, seedling selection, planting techniques, release treatments and animal damage control. Discussions of chemical and non-chemical vegetation management methods. Classroom presentation illustrated with slides. Accompanied by Forestry Program and instructor-generated student materials. 2.5 hours. Organizer and instructor.

Forest Management Field Trip. May 17, 1998. Oakland, OR. 17 participants. Component of Basic Forestry Short Course. Field laboratory reviewing concepts presented in preceding classroom sessions. 5 hours. Organizer and instructor.

Marketing Timber Products. May 13, 1998. Roseburg, OR. 25 participants. Component of Basic Forestry Short Course. Steps in timber sales, descriptions of key products. Classroom presentation illustrated with slides. Accompanied by Extension Program and instructor-generated student materials. 1 hour. Organizer and instructor.

Douglas County School Tour. May 5 – 8, 1998. Glide, OR. 1350 participants. Interactive program for 5th and 6th grade students. 14 concurrent instruction stations. 22 minutes per

station. Lead organizer and host, instructor for Forest Products segment (22 presentations to 625 participants personally).

Forest Protection for Woodland Owners. April 28, 1998. Roseburg, OR. 24 participants. Component of Basic Forestry Short Course. Biology, ecological implications, characteristics and impacts of forest diseases in Douglas County. Classroom presentation illustrated with slides. Accompanied by instructor-generated and Extension Program student materials. 2.5 hours. Organizer and instructor.

Ecology and Silviculture Field Trip. April 26, 1998. Roseburg, OR. 13 participants. Component of Basic Forestry Short Course. Field laboratory emphasizing concepts presented in earlier classroom sessions. 4.0 hours. Organizer and instructor.

Logger Education to Advance Professionalism (LEAP): Silviculture and Ecology Program. April 23 – 24, 1998. Roseburg, OR. 20 participants. Advanced topics in silviculture for audience of professional loggers. Classroom presentation illustrated with slides. Co-coordinator and instructor.

Ecology and Silviculture for Woodland Owners. April 21, 1998. Roseburg, OR. 21 participants. Components of Basic Forestry Short Course. Introduction to ecological processes in Douglas County forests. Overview of silvicultural alternatives and regeneration methods. Classroom presentation illustrated with slides. Accompanied by Forestry Program student materials. 2.5 hours. Organizer and instructor.

Forest Inventory. November 16, 1997. Roseburg, OR. 13 participants. Component of Basic Forestry Short Course. Overview of site mapping, plot layout, and data collection methods. Classroom presentation illustrated with overheads. Accompanied by instructor-prepared student materials. 1.5 hours. Organizer and instructor.

Reforestation and Vegetation Management. Component of Basic Forestry Short Course. October 29, 1997. Roseburg. 30 participants. Classroom presentation by local industrial forest manager, supported by Extension materials. 3 hours. Organizer.

Silviculture and Forest Ecology Field Session. October 26, 1997. Roseburg, OR. 33 participants. Component of Basic Forestry Short Course. Field laboratory emphasizing concepts

presented in earlier classroom sessions. 3 hours. Organizer and instructor.

Introduction to Silviculture and Logging. October 22, 1997. Roseburg, OR. 33 participants. Component of Basic Forestry Short Course. Overview of silvicultural options and thinning considerations. Logging discussion with local contractor. Classroom presentation illustrated with slides. Video. Accompanied by Forestry Program student materials. 1.5 hours. Organizer and co-instructor.

Timber Harvesting and Marketing. June 4, 1997. Roseburg, OR. 11 participants. Components of Basic Forestry Short Course. Early version of program described under similar headings above. 2.5 hours. Organizer and instructor.

An Introduction to Forest Certification. 1997. May 14, McMinnville, OR; May 22, Eugene, OR; May 27, Roseburg, OR; May 28, Klamath Falls, OR. Four presentations to a total of 52 participants. Overview of developing forest certification efforts by various non-governmental organizations, industry associations, and government units. Classroom presentations illustrated with slides. 3 hours. Co-developer and co-presenter.

Douglas County School Tour. May 13 – 16, 1997. Glide, OR. 1300 participants. Interactive program for 5th and 6th grade students. 14 concurrent instruction stations. 22 minutes per station. Lead organizer and host, instructor for Forest Products segment (19 presentations to 496 participants personally).

Estate Planning Workshop for Forest Landowners, Farmers and Ranchers. May 1, 1997. Roseburg, OR. 76 persons. 7 hours. Co-organizer and host.

Origins of Wood Quality. April 22, 1997. Roseburg, OR. 11 participants. Impacts of common silvicultural practices on wood quality, wood quality from a market perspective, overview of tree growth processes. Classroom presentation illustrated with slides. 1.5 hours. Organizer and instructor.

Forest Landowner Estate Planning Seminar. December 12, 1996. Roseburg, OR. 103 participants. Presentations by three forestry and estate planning consultants. Cosponsored with Mercy Foundation. 3 hours. Co-organizer.

Forest Practices Workshop. May 21, 1996. Roseburg, OR. Approx. 40 participants. 3 hours. Co-organizer.

Douglas County School Tour. May 14 – 17, 1996. Glide, OR. 1200 participants. Interactive program for 5th and 6th grade students. 14 concurrent instruction stations. 22 minutes per station. Co-organizer, instructor for Forest Products and Forest Management segments (13 presentations to 325 participants personally).

Hybrid Poplar Workshop. April 30, 1996. Roseburg, OR. Approx. 65 participants. 3 hours. Co-organizer.

Recognizing Log Value. April 16, 1996. Roseburg, OR. 15 participants. Timber product recognition and marketing. 1.5 hours. Organizer and instructor.

Forest Health Workshop. March 12, 1996. Roseburg, OR. Approx. 20 participants. 6 hours. Co-organizer.

Vegetation Management Workshop. March 7, 1996. Roseburg, OR. Approx 30 participants. 3 hours. Co-organizer.

Woodland Owner Orientation. February 20, 1996. Roseburg, OR. 46 participants. Developed, organized, and delivered program targeting new woodland owners. Program introduced participants to land use laws and regulations, assistance and educational sources, and basics of management planning. Guest speakers from assistance programs, tax and regulatory agencies were incorporated. Classroom presentations illustrated with overheads. 2.5 hours. Organizer and instructor.

Silviculture Workshop. January 30, 1996. Roseburg, OR. Approx. 30 participants. 2.5 hours. Co-organizer.

Forest Landowner Tax Workshop. September 18 & 19, 1995. Roseburg, OR. Approx. 35 participants. 14 hours. Co-organizer.

Douglas County School Tour. May 9 – 11, 1995. Glide, OR. 1250 participants. Interactive program for 5th and 6th grade students. 14 concurrent instruction stations. 22 minutes per station. Co-organizer, instructor for Forest Products segment (12 presentations to 300 participants personally).

Forest Health. April 11, 1995. Roseburg/Yoncalla, OR. 16 participants. Workshop and field tour examining common forest health topics. Participants were provided with an overview of forest health, and gained hands-on experience in identifying health problems in the forest. Options for prevention and control were discussed. 6 hours. Organizer and co-instructor.

Forest Ecology and Wood Products. April 10, 1995. Roseburg, OR. 50 participants. Developed and delivered interactive presentation to students at Green Elementary School. Basic information about trees, forests, and things made from wood. Co-organizer and instructor.

Forest Road Building Workshop. March 22, 1995. Roseburg, OR. Approx. 50 participants. 3 hours. Co-organizer.

Marketing Basics for Wood Products Manufacturers. 1995. January 11 & 12, Roseburg, OR; January 18 & 19, Klamath Falls, OR; March 22 & 23, Eugene, OR; May 22, Bend, OR; May 31 & June 1, Medford, OR. 48 participants (total). Series of five workshops introducing marketing concepts to wood product producers. Classroom presentations illustrated with slides and student exercises. Accompanied by student reference materials generated by both instructors. 4 to 6 hours. Co-organizer and co-instructor.

A Green Forest. November 23, 1994. Roseburg, OR. 450 participants. Four 30-minute demonstrations. Tree planting demonstrations for children grades K-3, Green Elementary School. Organizer and co-instructor.

b) Instructor

Vascular Plant Physiology. January 4 2005. Roseburg, OR. 87 participants. Component of Master Gardener Training Series. 3 hours. Invited instructor.

Plant Anatomy. January 4, 2005. Roseburg, OR. 87 participants. Component of Master Gardener Training Series. 3 hours. Invited instructor.

Building Relationships between Staff Chairs & Department Heads. Component of New Staff Chair Orientation. November 15, 2004. Corvallis, OR. 8 participants. Invited panel presenter.

Daily Wood. October 12-13, 2004. Corvallis, OR. 28 presentations to approx 850 students and 100 adults. Component of Wood Magic.

Watershed Processes. October 8, 2004. Sutherlin, OR. 17 participants. Hinkle Creek Paired Watershed Study.

Tree Identification. September 17, 2004. Elkton OR. 17 participants. 3 hours. Co-instructor.

Outdoor Skills. September 14, 2004. Roseburg OR. Equipment, clothing, and safety issues for outdoor activities. Youth audience (local school). 14 participants. 1.5 hours.

Daily Wood. October 2003. Corvallis, OR. 2 presentations to approx 60 persons. Component of Wood Magic.

Daily Wood. May 7, 2003. Portland, OR. 18 presentations to a total of 665 participants (612 students plus 53 adults). Interactive program for 3rd and 4th grade students, highlighting common and uncommon uses of wood and its derivatives. Component of Wood Magic. Oregon State University, Forest Products Department. 15 minutes. Co-instructor.

Botany & Plant Physiology. January 23, 2003. Grants Pass, OR. 46 participants. Component of Master Gardener Training Program. 5 hours. Instructor.

A Tree Doctor's Primer. January 21 & 28, 2003. Roseburg, OR. 33 participants. Introduction to common tree diseases, and abiotic contributors in Douglas County, with emphasis on diagnosis and treatment options. Component of Master Gardener Training Program. 3 hours. Instructor.

Plant Physiology. January 14, 2003. Roseburg, OR. 42 participants. Component of Master Gardener Training Program. 2.5 hours. Instructor.

Plant Anatomy. January 7, 2003. Roseburg, OR. 43 participants. Component of Master Gardener Training Program. 2.5 hours. Instructor.

Daily Wood. October 8-10, 2002. Corvallis, OR. 42 presentations to a total of 1295 youth plus 123 adult

participants. (Reached 126 elementary school classes from 22 schools.) Interactive program for 3rd and 4th grade students, highlighting common and uncommon uses of wood and its derivatives. Component of Wood Magic. Oregon State University, Forest Products Department. 15 minutes. Co-instructor.

Daily Wood. May 8, 2002. Portland, OR. 41 presentations to a total of approximately 1100 participants. Interactive program for 3rd and 4th grade students, highlighting common and uncommon uses of wood and its derivatives. Component of Wood Magic. Oregon State University, Forest Products Department. 15 minutes. Co-instructor.

Forest Inventory Techniques. March 20, 2002. McMinnville, OR. 26 participants. Sampling theory, inventory components, timber inventory process, data summarization. Component of Master Woodland Manager Training Program. PowerPoint presentation with handouts developed by instructor, plus corresponding field session. 8 hours. Instructor.

Mapping Woodland Resources and Using Forest Inventory Tools. February 20, 2002. Salem, OR. 26 participants. PowerPoint presentation on map development followed by hands-on student activities. Student materials developed by instructor. 8 hours. Instructor.

Trees of Douglas County. January 22, 2002. Roseburg, OR. 42 participants. Recognizing tree and treating tree diseases, with special emphasis on how to address sick tree questions through the Plant Clinic. Component of Master Gardener Training Program. 3 hours. Instructor.

Plant Physiology. January 15, 2002. Roseburg, OR. 38 participants. Component of Master Gardener Training Program. 2.5 hours. Instructor.

Plant Anatomy. January 8, 2002. Roseburg, OR. 38 participants. Component of Master Gardener Training Program. 2.5 hours. Instructor.

Daily Wood. October 9 & 11, 2001. Corvallis, OR. 37 presentations to a total of approximately 1100 participants. Component of Wood Magic. Interactive program for 3rd and 4th grade students, highlighting common and uncommon uses

of wood and its derivatives. Oregon State University, Forest Products Department. 15 minutes. Co-instructor.

Developing Base & Vegetation Maps. July 20, 2001. Albany, OR. 22 participants. Component of Resource Management Planning series. Obtaining and interpreting planimetric and topographic maps and aerial photos. Identifying vegetation units. Developing base and vegetation maps for use in management planning. Estimating unit acreage. PowerPoint presentation with handouts and classroom exercises developed by instructor. Integrated with Extension Forestry publication on forest inventory. 4 hours. Instructor.

The Health & Well-being of Douglas County Trees. February, 27, 2001. Roseburg, OR. 81 participants. Component of Master Gardener volunteer training program. Trees in urban and rural settings, interaction with environment, competition and succession, density management, abiotic stress factors, insects, root diseases, stem decays, foliage diseases, mechanisms of disease management, pruning issues, common injuries caused by humans, methods for maintaining tree health, suggestions and materials for answering Plant Clinic questions on tree health. PowerPoint presentation with supporting student materials. 3 hours. Instructor.

Introduction to Botany. January, 25, 2001. 63 participants. Grants Pass, OR. Component of Master Gardener volunteer training program. Extended version of Anatomy and Plant Physiology classes. 4.5 hours. Instructor.

Physiology of Vascular Plants. January 9, 2001. Roseburg, OR. 85 participants. Component of Master Gardener volunteer training program. Introduction to major plant processes of transpiration, photosynthesis, and respiration; responses to environmental factors and growth hormones. 1.5 hours. Instructor.

Anatomy of Vascular Plants. January 9, 2001. Roseburg, OR. 85 participants. Component of Master Gardener volunteer training program. Role of plants in our environment, plant classifications, functions of roots, stems, leaves, flowers. 2 hours. Instructor.

Making the Most of Your Web Presence. November 30, 2000. Corvallis, OR. 15 participants. Component of Selling Forest Products continuing education program. Using Web sites as

marketing and merchandizing tools. PowerPoint presentation with computer lab exercises interspersed. Supplemented with instructor generated student materials. 2.5 hours. Instructor.

Forest Inventory. Component of Master Woodland Manager training program. October 13, 2000. Medford, OR. 16 participants. Detailed instruction on developing a base map; identifying vegetation and management units; selecting inventory components; determining number, location, and size of plots; collecting, recording and summarizing stand information. Classroom presentation with PowerPoint and LCD projector and instructor-generated student reference materials, followed by field session in which students gathered stand data. 4 hours classroom plus 4 hours field exercise. Instructor.

Daily Wood. October 10 – 12, 2000. Corvallis, OR. 39 presentations to a total of approximately 1200 participants. Interactive program for 3rd and 4th grade students, highlighting common and uncommon uses of wood and its derivatives. Component of Wood Magic. Oregon State University, Forest Products Department. 15 minutes. Co-instructor.

Search and Rescue in North America. October 4, 2000. Portland, OR. 18 participants. Overview of how search and rescue personnel are organized, trained, deployed and managed in the United States, and opportunities for Extension to contribute to emergency services training of this nature. Invited presentation to Extension Disaster Education Network (EDEN). 45 minutes. Instructor.

Overview of Forestry Staffing Assessment. September 22, 2000. Corvallis, OR. 30 participants. Component of New Dean Orientation Program. Explanation of process and outcomes of forestry staffing assessment group project. 15 minutes. Presenter.

Extension's Role in Ballot Measures and Public Issues Education. September 15, 2000. Coos Bay, OR. 9 participants. Invited presentation to Douglas Timber Operators. Roles Extension can play in addressing ballot measures and public issues, our legal limitations, Extension Forestry's goals to build program and more fully and proactively address rising public issues in the natural resources arena. PowerPoint with LCD projector. Extension tabloids. 1 hour. Instructor.

An Overview of the Internet, Intranets, & Extranets. March 14, 2000. Portland, OR. 130 participants. Component of “e-business: The Future is Now in the Forest Products Industry” conference. PowerPoint presentation with conference proceedings. 35 minutes. Instructor.

The Health & Well-being of Trees in Douglas County. March 7, 2000. Roseburg, OR. 85 participants. For Master Gardener volunteer training series. Tree physiology, growth, utilization of resources, response to environment, interactions with insects, fungus, and humans. Ways to reduce tree damage in ornamental/home landscapes. Resources and processes for assessing tree diseases. PowerPoint presentation with instructor generated student materials. 2.5 hours. Instructor.

Understanding Fertilizer Labels. February 15, 2000. Roseburg, OR. 85 participants. For Master Gardener volunteer training series. Overview of terms used on common fertilizer packages, interpreting labels, sources of information and assistance. PowerPoint presentation. 40 minutes. Instructor.

Physiology: The Study of Life Processes. January 11, 2000. Roseburg, OR. 85 participants. Transpiration, respiration, photosynthesis, growth process, nutrient use, hormonal responses. For Master Gardener volunteer training series. Classifications, anatomy, and functions of vascular plants. Referenced to Master Gardener Handbook. PowerPoint presentation supported by instructor-generated student materials. 1.5 hours. Instructor.

Botany Basics. January 4, 2000. Roseburg, OR. 85 participants. For Master Gardener volunteer training series. Classifications, anatomy, and functions of vascular plants. Referenced to Master Gardener Handbook. PowerPoint presentation supported by instructor-generated student materials. 2 hours. Instructor.

Internet Marketing. December 2, 1999. Corvallis, OR. 16 participants. Component of Selling Forest Products. Factors of success in designing Web pages to market wood products. PowerPoint presentation, computer lab student exercise, instructor generated student materials. 2 hours. Instructor.

Forest Inventory. October 22, 1999. Beaverton, OR. 23 participants. Component of Master Woodland Manager

training program. Detailed instruction on developing a site map; identifying management units; selecting inventory components; determining number, location, and size of plots; collecting, recording and summarizing stand information. Classroom presentation with color overheads and instructor-generated student reference materials followed by field session in which students gathered stand data. 4 hours classroom plus 4 hours field exercise. Instructor.

Wood Can Do It! October 12-13, 1999. Corvallis, OR. 25 presentations to a total of 740 participants. Interactive program for 3rd and 4th grade students, highlighting common and uncommon uses of wood and its derivatives. Component of Wood Magic. Oregon State University, Forest Products Department. 10 minutes. Co-instructor.

Silviculture from a Tree's Perspective. August 27, 1999. Corvallis, OR. 19 participants. Detailed overview of tree physiology/function, wood quality, and the impact of common silvicultural activities. Presented at Master Woodland Manager Mini College. Animated PowerPoint presentation with accompanying instructor-generated student reference materials. 4 hours. Instructor.

Extranets: What Are They and How Can They Affect My Business? March 25, 1999. Portland, OR. 23 participants. Wood Tech Clinic and Show. Introduction to Internet communication standards and technology. Definition of Internet, Intranet, and Extranet. Methods of application to forest products business activities. Co-instructor.

Insights into the Elegant Processes of Tree Growth and Forest Development. February 9, 1999. Roseburg, OR. 57 participants. Invited keynote presentation at Douglas Small Woodlands Association (OSWA Chapter) Annual Meeting. Detailed explanation of tree growth processes, stand development in even-aged and uneven-aged structures, implications of several common forest management activities. Illustrated using animated PowerPoint presentation via computer and LCD projector. 1 hour. Instructor.

Forest Inventory and Mapping. Component of Master Woodland Manager Training. January 29, 1999. Eugene, OR. 24 participants. Step-by-step process for developing property maps, identifying management units, developing sampling systems, and inventorying private forested properties.

Classroom lecture illustrated with color overheads, included classroom exercises and instructor-generated handouts. Followed by field session on use of measurement tools, location and utilization of sample plots. 7 hours. Instructor.

The Internet as a Marketing Tool. December 3, 1998. Corvallis, OR. 11 participants. Component of Selling Forest Products conference. Potential uses of World Wide Web marketing techniques in the forest products industry. Emphasis on designing marketing efforts for the specific characteristics of Web users. Animated PowerPoint presentation, followed by guide laboratory activities. Accompanied by instructor-generated student reference materials. 2 hours. Instructor.

Internet Marketing for Wood Products Companies. October 16, 1998. Lewiston, ID. 35 participants. SmallWood 98 conference. Potential uses of World Wide Web marketing techniques in the forest products industry. Emphasis on designing marketing efforts for the specific characteristics of Web users. Animated PowerPoint presentation. Accompanied by instructor-generated student materials. 1 hour. Invited speaker.

Forest Ecology and Silviculture. October 14, 1998. Eugene, OR. 12 participants. Components of Basic Forestry Series. Systems perspective and role of cycles in forest development, stages of stand development, silvicultural (regeneration) systems in even-aged and uneven-aged stands, and implications for common forest management activities. Classroom presentation illustrated with slides. Accompanied by Forestry Program student materials. 3 hours. Instructor.

Density Effects on Wood Quality. September 24, 1998. Roseburg, OR. 93 participants. Component of Stand Density Management Symposium, Society of American Foresters, Umpqua Chapter, OSU Extension Service, and Umpqua Community College. Invited presentation. How wood quality is defined, biological process of tree growth, stand interaction and wood quality, implication of major forest management activities on wood quality. Animated PowerPoint presentation via computer and LCD projector. Accompanied by instructor-generated student materials. 1 hour. Instructor.

Marketing OSU Extension. Overview of Extension marketing committee activities and plans. September 18, 1998, Corvallis,

OR. 17 participants. Guided discussion illustrated with flip charts. 2 sessions, 2 hours each. Co-instructor.

Your Extension Service: Do You Know Us? Invited presentation to Rotary Club International. April 30, 1998. Roseburg, OR. 50 participants. Overview of Extension's programs, role in community, relationship to Oregon State University. Illustrated with slides. 30 minutes. Instructor.

The Internet as a Business Tool: Intranet and Extranet Opportunities. March 26, 1998. Portland, OR. 10 participants. Wood Technology Clinic and Show. The Internet as a communications standard, definitions of Intranets and Extranets, applications to forest products businesses. PowerPoint presentation accompanied by instructor-generated student materials. 1 hour. Instructor.

The Internet as a Wood Products Marketing Tool. March 26, 1998. Portland, OR. 35 participants. Wood Technology Clinic and Show. Overview of Internet marketing opportunities and emphasis on designing Web marketing/merchandizing activities to accommodate characteristics of Web users. PowerPoint presentation accompanied by instructor-generated student materials. 1 hour. Instructor.

Marketing Via the Internet. 1997. October 8, Corvallis, OR, 13 participants; and October 9, Corvallis, OR, 13 participants. Internet growth and utilization, characteristics of Web users, designing Web marketing activities for Web users. Classroom presentation illustrated with slides. Followed by computer laboratory student exercises on Web page effectiveness. Accompanied by instructor-generated student materials. 2.0 hours. Instructor.

Consumer Perceptions of Softwood Lumber Quality. September 23, 1997. Corvallis, OR. 28 participants. Lumber Quality Control Workshop. Overview of research results from Hansen, Reddy, and Weinfurter. Classroom presentation illustrated with slides. 45 minutes. Presenter.

Origins of Wood Quality. 1997. April 24, Eugene, OR, 5 participants; and September 12 (Master Woodland Manager Mini-College), Corvallis, OR, 28 participants. Impacts of common silvicultural practices on wood quality, wood quality from a market perspective, overview of tree growth processes.

Classroom presentation illustrated with slides. 1.5 hours.
Instructor.

Marketing Basics for Wood Products Manufacturers. 1997.
April 7, Sitka, AK, 12 participants; April 9, Thorne Bay AK,
17 participants; and April 10, Ketchikan, AK, 10 participants.
Series of three workshops covering basic marketing concepts.
Based upon 1995 workshops but incorporating significant new
material. Classroom presentations illustrated with slides.
Accompanied by student reference materials developed by both
instructors. 8 hours. Co-developer and co-instructor.

Marketing Via the Internet. 1997. March 13 (Wood Tech
Clinic & Show), Portland, OR 29 participants; April 7, Sitka,
AK, 5 participants; April 9, Thorne Bay, AK, 2 participants.
Overview of what the Internet is, how businesses can get
access to it, characteristics of its users, and potential as a
marketing tool. 30 minutes. Instructor.

Today's Engineered Wood Products. October 23, 1996.
Corvallis, OR. 20 participants. An overview of key features
and applications of engineered wood products, with facilitated
discussions of implications for timber production and
management. Conducted as an educational component of
Wood Technology for Forestry Extension, a continuing
education program for Extension Forestry developed by the
Wood Products Extension Team. Classroom presentation with
slides. 1 hour. Instructor.

Why Wood? An Introduction to Wood as an Industrial and
Commercial Raw Material. October 22, 1996. Corvallis, OR.
20 participants. Overview of wood's key characteristics as a
raw material. Conducted as an educational component of Wood
Technology for Forestry Extension, a continuing education
program for Extension Forestry developed by the Wood
Products Extension Team. Classroom presentation with slides.
1 hour. Instructor.

The Internet as a Forest Products Marketing Tool. October 10,
1996. Corvallis, OR. 19 participants. Selling Forest Products
seminar. Interactive session on the use of the Internet
(specifically the World Wide Web) as a market research,
promotion, and merchandizing tool for wood products
companies. Classroom session with slides followed by
computer laboratory exercises focusing on locating marketing

information. Accompanied by instructor-generated student reference materials. 4 hours. Instructor.

Wood Quality Mill Tour. May 27, 1996. Corvallis, OR. Approximately 150 participants. Conducted tours of Willamette Industries small log veneer mill in Foster as an educational component of the Intensive Management Conference coordinated by Max Bennett. Discussed manufacturing process, material requirements, quality implications, product types. Accompanied by instructor-generated student reference materials. 4 hours. Instructor.

Wood Quality and Silviculture. May 26, 1996. Corvallis, OR. Approximately 150 participants. Intensive Management Conference. Defined the concept of quality from a market perspective, discussed characteristics of tree growth that contribute to or detract from wood quality, and explained the implications of common silvicultural treatments on wood quality. 2 hours. Instructor.

Recognizing Log Value: Timber Product Recognition and Marketing. April 11, 1996. Eugene, OR. Approximately 20 participants. Adapted from a program developed by Steve Bowers to give landowners a basic understanding of timber products, markets, and grading/scaling techniques. Classroom presentations with slides and overheads. 1.5 hours. Co-instructor.

Selling Forest Products. November 2 – 3, 1995. Corvallis, OR. 15 participants. Developed and delivered segment on use of the Internet as a marketing tool. Classroom session with slides defining Internet and illustrating its potential as a research tool. Followed by computer laboratory exercises focusing on finding market information. 3 hours. Instructor.

Ramp Canyon Educational Tour. October 22, 1995. Roseburg, OR. Approx. 20 youth and adults. Forest succession and management overview. 3 hours. Co-instructor.

New Forest Products. September 7, 1995. Corvallis, OR. 18 Participants. Master Woodland Manager Mini-College. Raw material requirements, manufacturing processes, and applications of engineered and other value-added wood products; implications for landowners. Classroom presentation with slides. 2 hours. Instructor.

NIPF booth at Douglas Count Fair. August 8-11, 1995. Roseburg, OR. Approx. 300 persons. With Douglas Small Woodlands Association, Douglas County Land Department, and Master Woodland Managers. Forestry and wood products information. 60 hours. Organized and co-sponsored.

Wood Products in Douglas County. February 23, 1995. Roseburg, OR. 12 participants. Society of American Foresters, Douglas County Chapter. Characterization of the wood products industry in Douglas County. Lecture with slides. 1 hour. Instructor.

Trees and Tree Disease in Douglas County. October 27, 1994. Roseburg, OR. 40 participants. Training session for Master Gardeners. Overview of common tree diseases and guidelines for diagnosing tree diseases. Lecture with instructor-generated student reference materials. 30 minutes. Instructor.

c) Other Teaching Activities

Provided information and/or assistance to 300 to 500 walk-in or telephone client contacts each year, 1995 to present.

Responsible for annual School Forestry Tours, 1995 to present. The Tour is a designed educational event for 5th grade students in Douglas County. Each school in the county is invited to participate. 1200 to 1300 students, plus numerous adults, attend each year. Students spend a day at the Glide Educational Forest, a site owned by the Douglas County Lands Department and managed cooperatively with Extension for educational activities. Trail systems reach 14 “classroom” shelters where instructors present short programs on forest management, forest products, tree identification, forest archaeology, wildlife, fisheries, and fire management. Extension recruits and organizes instructors from local Forest Service, Fish and Wildlife, Bureau of Land Management, fire protection district, forest products companies, forestry consulting firms, and other agencies and community groups. To accommodate the large number of participants, the program is repeated for four consecutive days. It is generally held in the second week of May. Teachers and instructors receive an advance copy of the School Forestry Tour teacher’s guide. The Tour has occurred annually in Douglas County for at least 30 years. The teacher’s guide was updated in 1996. Tours in 1995 - 97 were organized by a part time assistant working under my direction. Tours in

1998-99 were organized by Extension Assistant Kami Ellingson, working under my direction.

Resource Management Planning Pilot Series. 2000. Eight classes, each 8 hours. Combination of classroom and field sessions. Organized curriculum and course dates. Recruited instructors. Recruited small group to receive instruction, develop initial management plans, and provide feedback on curriculum effectiveness.

Hardwood Silviculture Tour. January 26, 1999. Eugene, OR (Northwest Hardwoods). Approx 15 participants. 3 hours. Invited subject matter specialist.

Watershed Issues. November 4, 1997. Roseburg, OR. 103 participants. Moderator.

Log Grading and Scaling Course. January, 1997. Roseburg OR. Approx. 12 participants. 12 session course upon completion of which participants will qualified to test for certification as a log scalers. Co-sponsored with Umpqua Community College and Southern Oregon Log Scaling and Grading Bureau. Specifically responsible for promotion/student recruitment.

Small Woodland Management Information Booth. August 6-10, 1996. Roseburg, OR. Approx. 200 participants. Douglas County Fair. In cooperation with the Douglas Small Woodlands Association, Douglas County Land Department, Oregon Forest Industries Council, and Oregon Department of Forestry. Organized, recruited volunteers, and developed educational materials. 60 hours.

Hybrid Poplar Demonstration Site. Installed May 1-13, 1996. Roseburg, OR. At Douglas County Extension Demonstration Farm. Used for observation and reference.

Sustainable Forestry Seminars. Tuesdays, April 30 - May 28, 1996. Roseburg. Participation data not available. Sustainable Forestry Partnership via satellite downlink. Host.

KMX and Radiata Pine Demonstration Plots. Installed March 22, 1996. Roseburg, OR. At Douglas County Extension Demonstration Farm. Used for observation and reference.

Marketing Plan Working Sessions. Specialty Wood Products Cooperative of Oregon. 1995. Cottage Grove, Oregon. Approx.

70 student contacts. Series of meetings to help cooperative members develop a marketing plan for their Gift Group. 3 hours per session. Invited subject matter expert and facilitator.

3. Curriculum or Course Development Activities and Other Instructional Innovations

Resource Management Planning Curriculum. Group project to develop step-by-step inventory and management planning processes for family forestland owners. Project leader. Consists of 16 modules. Lead author for 14 modules. Coauthor on 2 modules. Includes scripted PowerPoint presentations, data collection forms, data summarization forms, student handouts, reference lists, lesson plans, data summarization Excel spreadsheets, management plan template. Peer reviewed by curriculum committee (Extension Forestry faculty members). Distributed for statewide use by Extension Forestry Agents November 20, 2002.

Forestry Curriculum Revision Project (evolved from Master Woodland Manager volunteer program curriculum revision project). Group project to revise and standardize all levels of forestry educational programs for OSU Extension. New curriculum consists of five levels of programming that build upon each other, adding progressively more detail. Member of steering committee, responsible for development of numerous modules, reviewer for several other authors' modules, curriculum coordinator. Modules consist of lesson plans, teaching materials, instructional aids and methods. Curricula tie modules together and provide feedback and evaluation methods and impact measurement tools. January, 1996 to present.

Basic Forestry Short Course Curriculum (first level in curriculum series). Development initiated November, 1998. Distributed 11 of 13 modules March 1999. Two final modules distributed August 2001. Curriculum coordinator/editor and co-author.

Master Woodland Manager Curriculum Revision Working Group. November 1995 through 2000. This group's efforts evolved into the larger Forestry curriculum revision project explained above.

Led development of an educational curriculum for entry-level wood products employee training program, in cooperation with Wood Products Competitiveness Corporation, Umpqua Community College, Umpqua Training & Employment, and numerous local wood products manufactures. Implemented curriculum in pilot program, graduating 16 students. Students then obtained employment with Douglas County

companies who recognized their training as beneficial. Umpqua Community College continues to utilize the curriculum to offer continuing educational opportunities with the ultimate goal of increasing the quality of the wood products work force in Douglas County. November 1994 to April 1995.

Master Woodland Manager Mini College. Member of MWM Steering Committee that planned and organized 1995, 1997, and 1999 Mini Colleges. Mini College is a biennial continuing education/advanced topics program (usually spanning 3 days) designed for Master Woodland Manager Forestry Extension volunteers.

4. Significant Team or Collaborative Efforts

Team leader and editor for development of Conifers of the Pacific Northwest publication. Project initiated November, 1997. Six authors contributed. A panel of three reviewed document. Draft text available November 1998.

Fertilizer Study Group. Forestry Extension Group Project investigating options for young tree fertilization in Oregon. Also included non-Extension faculty from within the College of Forestry and College of Agriculture and industry as specific information resources. November 1995 to November 1996. I participated in a series of meetings to determine state of knowledge and identify educational and research needs/priorities. I conducted a literature search and delivered a bibliography to the study group.

Forestry Curriculum Revision - Basic Forestry Short Course, Resource Management Planning, and Master Woodland Manager curriculum projects (noted above).

Curriculum development for entry-level wood products employees (noted above).

5. Graduate Students, Postdoctoral Trainees

a) Major Professor or Principal Mentor

b) Supervised Postdoctoral Trainees, Visiting Scientists, and Other Staff

c) Service as Committee Member

David Fell. M.S. Forest Products Marketing (Wood Science & Engineering Department). October 1998. Committee Member.

6. Summary of Student/Client Evaluations and Impact Assessments

a) Participant Evaluations, Outreach Education Evaluations.

<i>Date</i>	<i>Number Participants</i>	<i>Program Title</i>	<i>Evaluation (5=Excellent)</i>
<i>Dec 2004</i>	<i>4</i>	<i>Tree Physiology</i>	<i>4.8</i>
<i>Nov 2004</i>	<i>4</i>	<i>Forest Measurements, Inventory, Harvesting & Mktg</i>	<i>5.0</i>
<i>Nov 2004</i>	<i>3</i>	<i>Forest Health, Reforestation & Vegetation Mgt</i>	<i>5.0</i>
<i>July 2003</i>	<i>13</i>	<i>An Introduction to Forest Health</i>	<i>4.9</i>
<i>Jan 2003</i>	<i>16</i>	<i>Tree Doctor's Primer</i>	<i>4.8</i>
<i>Jan 2003</i>	<i>17</i>	<i>Tree Doctor's Primer</i>	<i>4.9</i>
<i>Jan 2003</i>	<i>43</i>	<i>Plant Physiology</i>	<i>4.9</i>
<i>Jan 2003</i>	<i>42</i>	<i>Plant Anatomy</i>	<i>4.9</i>
<i>Jan 2002</i>	<i>29</i>	<i>Trees of Douglas County</i>	<i>4.9</i>
<i>Jan 2002</i>	<i>32</i>	<i>Plant Physiology</i>	<i>5.0</i>
<i>Jan 2002</i>	<i>30</i>	<i>Plant Anatomy</i>	<i>4.9</i>
<i>Feb 2001</i>	<i>41</i>	<i>The Health & Wellbeing of Douglas County Trees</i>	<i>4.9</i>
<i>Jan 2001</i>	<i>43</i>	<i>Physiology of Vascular Plants</i>	<i>4.8</i>
<i>Jan 2001</i>	<i>45</i>	<i>Anatomy of Vascular Plants</i>	<i>5.0</i>
<i>Nov. 2000</i>	<i>15</i>	<i>Making the Most of Your Web Presence</i>	<i>4.9</i>
<i>Oct. 2000</i>	<i>9</i>	<i>Woodland Inventory</i>	<i>4.8</i>
<i>April 2000</i>	<i>23</i>	<i>Forest Ecology & Silviculture</i>	<i>4.8</i>
<i>Oct. 1999</i>	<i>22</i>	<i>Forest Inventory</i>	<i>5.0</i>
<i>Aug 1999</i>	<i>19</i>	<i>Silviculture From a Tree's Perspective</i>	<i>5.8</i>
<i>Oct. 1998</i>	<i>19</i>	<i>Basic Forestry Short Course, Silvics and Tree ID, Ecology and Silviculture, Reforestation</i>	<i>4.9</i>
<i>April 1998</i>	<i>13</i>	<i>Basic Forestry Short Course, Forest Protection for Woodland Owners</i>	<i>4.9</i>
<i>Nov. 1997</i>	<i>18</i>	<i>Basic Forest Shortcourse, Silviculture</i>	<i>4.8</i>
<i>Nov. 1997</i>	<i>14</i>	<i>Basic Forest Shourtcourse, Ecology</i>	<i>4.9</i>
<i>Nov. 1997</i>	<i>7</i>	<i>Basic Forest Shourtcourse, Inventory/Plot Layout</i>	<i>4.7</i>
<i>April 1997</i>	<i>14</i>	<i>Marketing Basics for Wood Products Manufacturers</i>	<i>4.7</i>
<i>April 1997</i>	<i>13</i>	<i>Marketing Basics for Wood Products Manufacturers</i>	<i>4.5</i>
<i>April 1997</i>	<i>8</i>	<i>Marketing Basics for Wood Products Manufacturers</i>	<i>4.5</i>
<i>March 1997</i>	<i>14</i>	<i>Marketing Via the Internet</i>	<i>4.6</i>
<i>April 1996</i>	<i>14</i>	<i>Log Grade Value Recovery and Marketing</i>	<i>4.7</i>
<i>Feb. 1996</i>	<i>33</i>	<i>Woodland Owner Orientation</i>	<i>4.9</i>

b) Other Evaluations

October 12-13, 1999. Evaluation of Wood Can Do It! Interactive program for 3rd and 4th grade students. Component of Wood Magic. Oregon State University, Forest Products Department. Teachers whose classes participated in the program rated the program on three elements (Educational, Developmentally Appropriate, Engaging) using a scale of "N" (not at all), "S" (somewhat), and "Y" (yes). 14 respondents. 14/14 rated Educational aspect as "Y". 13/14 rated Developmentally

Appropriate as "Y"; 1/14 rated this aspect as "S" (this same rater applied the "S" rating for this category to all stations in the program). 14/14 rated Engaging as "Y".

March 26, 1998. Participant evaluation of The Internet as a Marketing Medium. Wood Tech Clinic and Show. 14 respondents. Rating for PUNCHES was 10.929 (where 12 = excellent). 8 of 14 respondents rated presentation as "Extremely Relevant", remaining 6 respondents rated presentation as "Relevant." Rating for Value of Information was 5.615 (where 6 = excellent).

March 26, 1998. Participant evaluation of The Internet as a Business Tool: Intranet and Extranet Opportunities. Wood Tech Clinic and Show. 4 respondents. Rating for PUNCHES was 10.75 (where 12 = excellent). 3 of 4 respondents rated presentation as "Extremely Relevant", remaining respondent rated presentation as "Relevant." Rating for Value of Information was 5.5 (where 6 = excellent).

October 11, 1996. Participant evaluation of The Internet as a Forest Products Marketing Tool. 16 respondents to course-specific evaluation form. 13 of 16 respondents rated session as "valuable" while three did not.

January 11 to June 1, 1995 (Summary of evaluations for all 5 workshops). Participant evaluation of Marketing Basics for Wood Products Manufacturers. 42 respondents to course-specific evaluation form that included all aspects of the programs including teaching quality of instructors. Rating options included "Not Useful", "Neutral", "Useful", and "Very Useful." 25 respondents rated course as "Useful" and 17 as "Very Useful."

c) Impact Assessments

May 11-14, 2004. Post-event survey of students and teachers attending, and volunteers instructing in, the 2004 School Forestry Tour.

- 718 students responded to the following questions:
 - How much did you know about forests before and after coming to today's Tour?

	Nothing	A Little	Quite a Bit	Lots
Before	2%	44%	39%	16%
After	1%	8%	36%	54%

- Would you recommend this Tour to other students?

Yes (96%) No (4%)

- 27 teachers responded as follows:

	yes	no
Communications/materials helpful	92%	8%
Met students' educational needs	100%	0%
Plan to bring students next year	92%	8%

- volunteer instructors responded as follows:

	yes	no
Communications/materials helpful	90%	10%
Teaching kits helpful	75%	25%
Plan to volunteer again next year	100%	0%

July 10, 2003. Participants of the class “An Introduction to Forest Health” were given a post-class questionnaire that asked how that class would modify their forest management activities. Ten of twelve respondents indicated the class had changed the way they thought about forest health (two respondents indicated they had significant experience with forest health coming into the class and that it had confirmed their current knowledge). Ten of twelve respondents indicated they would initiate changes in behavior as a result of the class. Specific areas of change included assessment of disease presence (5 responses), better pruning techniques (2 responses), thinning (3 responses), management of competing vegetation (3 responses), tree selection for site (3 responses), watering (1 response) and mowing (1 response).

November 13, 2001. Assessed impact of Basic Forestry Short Course Curriculum. Curriculum materials were distributed to OSU Extension Forestry Agents in 1999 (with updates since then). Seven agents completed questionnaires. General findings: Topics covered in woodland management classes have expanded, consistency in course offerings have increased, number of course offerings has increased for almost all respondents. Respondents found the curriculum to be a beneficial resource that serves as a solid foundation for basic forestry programs. On a scale of 1 to 5, where 1 equals “poor” and 5 equals “excellent”, respondents rated the curriculum’s Content at 4.1, its Appearance at 4.4, and its Usefulness at 4.4.

December 1998. Basic Forestry Short Course Program Impact Evaluation. During 1997 and 1998, 101 persons participated in one or more Basic Forestry Short Course session in Douglas County. Participants were polled in December 1998, and asked to provide information regarding the value of the program and its impact on

their forest management activities. Thirty-five questionnaires were returned. All were useable to some extent, although response varied by question. Survey information is summarized below. In general, nearly all of the participants rated the course as valuable to themselves and other landowners, and many had applied or used information delivered through the course. Respondents indicated numerous positive impacts (see below).

Participant ratings of the Basic Forestry Short Course:

- Amount of information actually applied or used: 7 low, 15 moderate, 12 high
- Its overall value to respondent: 2 low, 10 moderate, 22 high
- Its potential value to other landowners: 2 low, 6 moderate, 24 high

What participants got from the Basic Forestry Short Course:

- Answers to questions: 34 yes, 1 no
- Good resource materials: 33 yes, 2 no
- Help in making decisions: 30 yes, 1 no
- New ideas: 30 yes, 2 no
- Learned new skills: 30 yes, 2 no
- Applied new skills: 21 yes, 6 no

Benefits resulting from the Basic Forestry Short Course:

- Participant made better decisions: 22 yes, 4 no
- Participant's planning improved: 24 yes, 5 no
- Participant has more confidence to manage: 25 yes, 6 no
- Participants knowledge has improved: 33 yes, 1 no

Since taking the Basic Forestry Short Course:

- 10 participants had developed forest maps
- 9 participants had written down their objectives
- 16 participants had developed management plans, for a total of 1131 acres
- 5 participants had attended other classes
- 12 participants had purchased maps or photos of their property
- 9 participants had recorded their property's legal description
- 8 participants had completed a resource inventory

As a result of attending the Basic Forestry Short Course:

- 10 participants indicated they had percommercially thinned a total of 299 acres
- 7 participants indicated they had commercially thinned a total of 345 acres, harvesting 201MBF of timber
- 12 participants indicated they had pruned a total of 79 acres
- 4 participants indicated they had fertilized a total of 205 acres
- 12 participants indicated they had planted a total of 148 acres
- 7 participants indicated they had managed vegetation on a total of 332 acres
- 10 participants indicated they had established a woodland records keeping system
- 7 participants indicated they had used a tax advisor
- 11 participants indicated they had begun or completed an estate plan
- 9 participants indicated they had invested a total of \$12,322 in wildlife habitat enhancement activities
- 15 participants indicated they were more likely to conduct a timber sale
- 6 participants indicated they were less likely to conduct a timber sale
- 12 participants indicated they had conducted a forest health survey of their property
- 10 participants indicated they had spent a total of \$70,060 on watershed enhancement activities

These responses strongly suggest that the Basic Forestry Short Course, as delivered in Douglas County during 1997 and 1998, improved participants' decision-making capacities and encouraged them to undertake numerous desirable forest management activities.

October 9, 1998. Pre-test/post-test comparison of Basic Forestry Series Participants. A pre-test was administered on October 6, 1998, prior to class. Students then received instruction in forest ecology and silviculture (Oct 6), reforestation and vegetation management (Oct 7), and forest health (Oct 8). A post-test was administered following class on October 8, 1998. Pre- and post-tests had identical questions and addressed key performance objectives for classes delivered. 14 students completed both tests. Average pre-test score was 11.8 (out of 20). Average post-test score was 17 (out of 20). A t-test for paired test scores indicated that the participants scored significantly higher on the post-test

(null hypothesis of no difference in scores was rejected at $p=.001$). This indicates that students' knowledge of key forest management concepts increased as a result of the Basic Forestry Series components delivered.

7. Faculty Peer Teaching Evaluations

Peer teaching evaluations were completed in October 1999 (Master Woodland Manager training session in Clackamas County), and in November 2002 (Resource Management Planning Train-the-Trainer Session in Corvallis). Copies should be on file with the Department of Wood Science and Engineering.

8. Undergraduate Advising and Other Student Mentoring

Not Assigned.

9. Teaching or Extension Professional Development Activities and Accomplishments

See section VI.

10. Other Assignments

County Office Administration (Staff Chair) Activities

Interim Staff Chair, Josephine County Office, OSU Extension Service. November 20, 2000 to October 30, 2002. Responsible for supervision and performance evaluation of 2 professional staff, 3 in-county faculty members, and partial supervision of 5 out-of-county faculty members. Serve as budget officer for Extension tax district. Provide program oversight. Serve as liaison between local stakeholders and University-based Extension administration. Provide primary interface with local advisory committee.

Staff Chair, Douglas County Office, OSU Extension Service, October 1, 1996 to present. Interim Staff Chair, October 1, 1995 to October 1, 1996. Responsible for supervision and performance evaluation of 4 to 5 professional staff and 3 to 5 faculty members, recruitment of funding and budget management, oversight of Extension programs offered in Douglas County, communication between local stakeholders and University-based Extension administration. Provide primary interface with local advisory committee.

Coordinated review of Extension program plans with Advisory Committee, county commissioners, and key community stakeholders. February, 1996.

Authored Southwestern Oregon Cluster critical issues and resource allocation report, based upon input from all affected staff chairs. October 23-27, 1995.

Developed, organized, implemented, and conducted follow-up for Community Forums: Issues Identification for Extension Planning Process. Elkton, Oregon. September 26, 1995. Roseburg, Oregon. September 27, 1995.

Participated in Extension staff chair meetings. Aurora, October 20-22, 1997; Corvallis, March 10-11, 1998; Eugene, October 13-14, 1998; Corvallis, February 22-24, 1999.

Recruited funding from a variety of sources to develop and staff a Natural Resource Extension Assistant position in Douglas County. Hired Kami Ellingson to fill the position. Key responsibilities have included development of a watershed enhancement education program, development of a pilot Master Water Quality monitoring volunteer program, logistical coordination of forestry educational programs, individual response to forest health issues (i.e., sick tree calls), production of a quarterly natural resources newsletter, educational liaison to local small woodland owner association. The position was initiated based on my observations that major local forestry and watershed issues were under-represented in the programming offered by Extension in Douglas County. The position was initiated in March of 1997.

IV. Scholarship and Creative Activity

A. Publications

1. Refereed Journal Articles and Other Publications

Wang, Xiping, Ross, Robert J., Brashaw, Brian K., Punches, John, Erickson, John R., Forsman, John W., and Roy Pellerin. Diameter Effect on Stress Wave Evaluation of Modulus of Elasticity of Logs. (submitted to Wood & Fiber Science for consideration, Jan 2003)

Fell, David, Eric Hansen, and John Punches. 2002. Segmenting Single-Family Homebuilders on a Measure of Innovativeness. *Forest Products Journal*. 52(6):28-34.

Hansen, Eric, and John Punches. 1999. Developing Markets for Certified Forest Products: A Case Study of Collins Pine Company. *Forest Products Journal* 49(1):30-35.

Punches, John W., Eric N. Hansen, and Robert J. Bush. 1995. Productivity Characteristics of the U.S. Wood Cabinet Industry. *Forest Products Journal* 45(10):33-38.

2. Books and Book Chapters

Hansen, Eric, Punches, John, and Larry Swan. 2002. Assessing Market Feasibility for the Small Scale Producer. Chapter in: Sources of Marketing Information for the Forest Products Industry. Eric Hansen, ed. Oregon State University College of Forestry. Corvallis, OR. pp 5-10.

Hansen, Eric and John Punches. 1998. Collins Pine: Lessons from a Pioneer. Chapter in: The Business of Sustainable Forestry. John D. and Catherine T. MacArthur Foundation. Chicago, IL. (Island Press.) ISBN 1-55963-615-7 (bound set) or 1-55963-620-3 (Collins case only). pp 6-1 through 6-16.

3. Peer-reviewed Articles and Other Publications

Punches, John. 2004. Tree Growth, Forest Management, and Their Implications for Wood Quality. PNW 576. 8 pages. Illustrated.

Barbour, R. James, Parry, Dean L., Punches, John, Forsman, John, and Robert Ross. 2003. AUTOSAW Simulations of Lumber Recovery for Small-Diameter Douglas-fir and Ponderosa Pine from Southwestern Oregon. USDA Forest Service. Pacific Northwest Research Station. Research Note PNW-RN-543.

Punches, John. 2002. Resource Management Planning Curriculum. Scripted Powerpoint presentations with student materials, data collection forms, data summary forms, management planning template, and Excel spreadsheets for data summary. Modules include: Introduction to Resource Management Planning, Family Forestland Resources, Elements of a Plan, Business & Legal Considerations, Cover Sheet, General Description & History Statement, Identifying Goals & Objectives, Mapping Prerequisites, Mapping Family Forestland Resources, Upland Inventory, Regeneration Inventory,

Riparian Inventory, Stream Inventory, Roads Inventory, Putting It All Together. 376 p.

Punches, John. 2001. The Prospectus Letter. In Basic Forestry Short Course Curriculum. Oregon State University Forestry Extension. 4 p.

Punches, John (editor). 1999-2001. Basic Forestry Short Course Curriculum. Oregon State University Forestry Extension. 11 modules distributed in 1999. Two modules distributed in 2001. As editor, I coordinated the final curriculum, including graphic design, script and lesson plan development, and reviewed all text. It is a compilation of about 500 slides (many new), numerous Extension publications, new materials developed by several Extension Forestry faculty members, several videos. It is in slide, overhead, and PowerPoint on-screen presentation formats.

Hansen, Eric, and John Punches. 1998. Developing Markets for Certified Forest Products: A Teaching Case Study of Collins Pine Company with Background Notes. College of Forestry Case Study Series No.1. Sustainable Forestry Partnership and Forest Research Lab.

Hansen, Eric, and John Punches. 1998. Developing Markets for Certified Forest Products: A Teaching Case Study of Collins Pine Company with Background Notes. Teaching Notes. College of Forestry Case Study Series No.1. Sustainable Forestry Partnership and Forest Research Lab.

Hansen, Eric and John Punches. 1998. Forest Products Economic Outlook 1997. Forest Stewardship Notes. 7(1):20. Washington State University Cooperative Extension Newsletter.

Hansen, E.N., V.S. Reddy, J. Punches, and R.J. Bush. 1997. Wood Material Use in the U.S. Furniture and Cabinet Industries: 1993 and 1995. Aktrin Research Institute, High Point, North Carolina. ISBN 0-921577-63-X.

Punches, John, and Eric Hansen. 1995. Oregon Wood Products Marketing Directory. Extension Publication EM 8623. Oregon State University Extension Service. September. Corvallis, Oregon. 144 pages.

Hansen, Eric and John Punches. 1998. Forest Products Outlook. In the 1997 Pacific Northwest Agricultural Situation and Outlook - Idaho, Oregon, and Washington. Published as an insert to the January 2, 1998 Capital Press. Distributed to nearly 40,000 subscribers

4. Non-refereed Journal Articles or Outreach Publications, etc.

Punches, John. 2004. Thinning: An Important Forest Management Tool. Douglas County OSU Extension Service. 3 pages.

Punches, John. 2002. Wood Quality: Its Biology, Characteristics, and Silvicultural Implications. Oregon State University Extension Service. 8 pages.

Punches, John. 2002. Evaluation of Small Diameter Timber for Value-Added Manufacturing: an Integrated Approach. Research Project Summary. Oregon State University Extension Service. 2 pages.

Punches, John, and Black, Terry. 2002. Alternative Solid Wood Materials for Secondary Manufacturing: Opportunities and Constraints. Research Report. Oregon State University Extension Service. 2 pages.

Punches, J.W. and Black, T. 2002. Alternative Solid Wood Materials for Secondary Manufacturing: Opportunities and Constraints. Wood Industry News. 10(1):1&4.

Punches, John. 2002. Key Characteristics of Solid Wood Materials by Secondary Wood Products Manufacturing Segment. Research Report. Oregon State University Extension Service. 6 pages.

Punches, John and Richard Vlosky. 1998. Share Data Quickly, Widely to Boost Business Efficiency. Wood Technology. 125(4):22-24.

Punches, John. 1998. Internet Can Serve Industry as Effective Marketing Tool. Wood Technology. 125(4):30-33.

Hansen, Eric, and John Punches. 1998. Unrest And Opportunities in The Western Forests. Direct text from the 1997 Pacific Northwest Agricultural Situation and Outlook (not attributed). Timber/West. 23(1):12.

Punches, John. 1997. An Overview of Tree Pruning. Fact Sheet. Douglas County Extension Office. Roseburg, Oregon. February. 2 pages. (Revision of author's 1995 publication of same title.)

Punches, John. 1996. Southwest Oregon Timber Buyer Directory: Second Edition. Douglas County Extension Office. Roseburg, Oregon. October. 29 pages.

Punches, John. 1996. Southwest Oregon Timber Buyer Directory. Douglas County Extension Office. Roseburg, Oregon. April. 28 pages.

Klein, Jeanne, Debbie Anderson, and John Punches. 1996. School Forestry Tour Textbook. Douglas County Extension Office. May. 51 pages.

Hansen, Eric, and John Punches. 1996. Forest Products Marketing in North America. Forestry Update. Oregon State University Forestry Extension. 22(2):1-3.

Hansen, Eric, and John Punches. 1996. Perceptions Often Define Softwood Lumber Quality. Wood Technology. 123(2):30-32.
Punches, John. 1996. Woodland Vegetation Control. The Douglas Woodland Update: the newsletter of the Douglas Small Woodland Association. 2(5):10-11.

Hansen, Eric, John Punches, and Wood Products Extension Team. 1995. Meeting Industry's Challenges Through Education - Oregon State University Wood Products Extension Team. Extension Publication EM 8599. September. Corvallis, Oregon.

Punches, John. August 1994 to December, 1995. Extension Spotlight, Column in Roseburg News Review, appearing approximately every third Sunday. Articles on woodland management and wood products topics.

Punches, John. August 1994 to December, 1995. Douglas County Woodlander. Published quarterly. An educational newsletter for small woodland owners in Douglas County.

Punches, John. Editor. 1992-1993. Center Update. Vol 2 (1, 2, 3) & Vol 3 (1, 2, 3, 4). Newsletter from the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 4 pages each.

Punches, John, Craig Forbes, and John Christoforo. 1993. Softwood Lumber Use in the Cabinet, Furniture, and Pallet Industries. A Research Update from the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. April. 4 pages.

Punches, John, Craig Forbes, and John Christoforo. 1993. Hardwood Lumber Use in the Cabinet, Furniture, and Pallet Industries. A Research Update from the Center for Forest Products Marketing.

Virginia Polytechnic Institute and State University. Blacksburg, Virginia. March. 4 pages.

Punches, John, Craig Forbes, and John Christoforo. 1993. Wood Panel Use in the Cabinet, Furniture, and Pallet Industries. A Research Update from the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. August. 4 pages.

Punches, John, and Craig Forbes. 1992. Characteristics Influential in the Furniture Industry's Hardwood Lumber Purchase Decisions. A Research Update from the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. July. 4 pages.

Punches, John. 1992. Commodity Product Branding in the Forest Products Industries. A Research Update from the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. March. 4 pages.

5. Non-Refereed Abstracts and Proceedings

Funck, James W., Brunner, Charles C., Punches, John W., and Johannes B. Forrer. 2004. Small Trees Mean Looking at Small Products. Abstract in: SmallWood 2004: Creating Solutions for Using Small Trees. May 18-21, Sacramento, CA. Forest Products Society. p22.

Punches, John. Constructing Extension Curricula to Enhance Family Forestland Management. In: Proceedings: 6th IUFRO Extension Working Party Symposium, Building Capacity Through Extension Best Practices. September 28 – October 3, 2003. Troutdale, Oregon.

Wang, X, R.J. Ross, J, Punches, R.J. Barbour, J.W. Forsman, and J.R. Erickson. 2003. Evaluation of small-diameter timber for value-added manufacturing - A stress wave approach. In: Proceedings, 2th International Precision Forestry Symposium; June 15-17, 2003. Seattle, Washington. p 91-96.

Funck, J.W., C.C. Brunner, J.W. Punches, and J.B. Forrer. 2002. Simulated Sawing of Real Log Images: Linking Wood Quality to Product Potential. IUFRO Working Party S5.01.04 Fourth Workshop on Connection Between Forest Resources and Wood Quality: Modeling Approaches and Simulation Software. British Columbia, Canada. September 8-15, 2002.

Punches, J.W. and Black, T. 2002. Alternative Solid Wood Materials for Secondary Manufacturing: Opportunities and Constraints. Proceedings: Small Diameter Timber Resource Management, Manufacturing and Markets Symposium. Spokane Washington. February 25-27. pp 265-266.

Ross, R.J., Wang, X., Erickson, J.R., Forsman, J.W., Punches, J.W. and Barbour, R.J. 2002. Evaluation of Small-diameter Timber for Value-added Manufacturing: Stress Wave Analysis. Proceedings: Small Diameter Timber Resource Management, Manufacturing and Markets Symposium. Spokane Washington. February 25-27. p 266.

Funck, J.W., Forrer, J.B., Brunner, C.C., Punches, J.W. 2002. Small-diameter Timber: An Alternative Approach for Determining Lumber Value. Proceeds: Small Diameter Timber Resource Management, Manufacturing and Markets Symposium. Spokane Washington. February 25-27. p 266.

Vlosky, Richard, and John Punches. 1999. Extranets: What Are They and How Can They Affect My Business? Proceedings: Wood Technology Clinic and Show. Oregon Convention Center. Portland. Oregon. March 24-26. Miller Freeman, Inc. pp 246-249.

Punches, John, and Richard Vlosky. 1998. Internet, Intranets and Extranets as Business Tools. Proceedings: Wood Technology Clinic and Show. Oregon Convention Center. Portland, Oregon. March 25-27. Miller Freeman, Inc. 5 pages.

Punches, John. 1998. The Internet as a Marketing Medium. Proceedings: Wood Technology Clinic and Show. Oregon Convention Center. Portland, Oregon. March 25-27. Miller Freeman, Inc. 3 pages.

Punches, John, and Eric Hansen. 1997. Sustainable Forestry: A Case Study of Collins Pine Company. Sustainable Forestry Proceedings. Forest Products Society. In press.

Hansen, Eric and John Punches. 1997. Oregon State University Forest Products Marketing. Four Page Summary of the OSU Educational and Research Programs. Proceedings of the IUFRO 5.10 Forest Products Meeting and Forest Products Society, Preparing for The 21st Century: Value Added Marketing for Value Added Wood Products. Tofino and Vancouver, British Columbia. June 18-20. pp 151-154.

Punches, John, and Eric Hansen. 1997. Market Implications of Sustainable Forestry: A Case Study. In: Forest Products for

Sustainable Forestry. Proceedings of IUFRO All Division Conference. Washington State University. Pullman, Washington. July 7-12. 1 page.

Punches, John. 1997. Marketing Via the Internet: An Overview of Media, Users, and Access. Wood Tech Clinic and Show Proceedings (Miller Freeman). Portland, Oregon. March 12. Miller Freeman, Inc. 3 pages.

6. Computer Software or Other Media

Punches, John. 2002. Summarizing Upland Inventory Data. Oregon State University Extension Forestry Program. Excel-based program distributed with Resource Management Planning curriculum for data manipulation and summarization.

Punches, John. 2002. Summarizing Riparian Inventory Data. Oregon State University Extension Forestry Program. Excel-based program distributed with Resource Management Planning curriculum for data manipulation and summarization.

Punches, John. 2002. Summarizing Stream Inventory Data. Oregon State University Extension Forestry Program. Excel-based program distributed with Resource Management Planning curriculum for data manipulation and summarization.

7. Research and Other Reports

Hansen, Eric, and John Punches. 1996. Collins Pine: Lessons from a Pioneer. A Report to The John D. And Catherine T. MacArthur Foundation. Chicago, Illinois. 34 pages.

Hansen, Eric, Vijaya Reddy, John Punches, and Robert Bush. 1995. Wood Materials Use in the U.S. Furniture Industry: 1993 and 1995. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 19 pages.

Hansen, Eric, Vijaya Reddy, John Punches, and Robert Bush. 1995. Wood Materials Use in the U.S. Cabinet Industry: 1993-1995. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 18 pages.

Hansen, Eric, Robert Bush, and John Punches. 1994. Recycling in the U.S. Pallet Industry: 1993. Report for the Center for Forest Products

Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 15 pages.

Bush, Robert, Eric Hansen and John Panches. 1994. Wood Use in the U.S. Pallet and Container Industry: 1993. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 20 pages.

Forbes, Craig, Vijaya Reddy, John Panches, and Steven Sinclair. 1993. Development of a Data Base for Solid Hardwood and Other Materials Use in the U.S. Furniture Industry -- Final Report - Cooperative Agreement 23-481. Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 52 pages.

Panches, John and Robert Bush. 1993. U.S. Cabinet Industry Profile: 1991-1993 -- Report to Respondents. Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 6 pages.

Hansen, Eric, Robert Bush, and John Panches. 1993. Wood Material Use Volumes and Trends of Large Furniture Firms: 1992-1994 -- Report to Respondents. Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 11 pages.

Hansen, Eric, Robert Bush, and John Panches. 1993. Wood Material Use Volumes and Trends of Large Cabinet Firms: 1992-1994 -- Report to Respondents. Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 8 pages.

Hansen, Eric, Robert Bush, and John Panches. 1993. Wood Material Use in the U.S. Pallet and Container Industry: 1992-1994. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 25 pages.

Hansen, Eric, Robert Bush, and John Panches. 1993. Wood Material Use in the U.S. Furniture Industry: 1992-1994. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 33 pages.

Hansen, Eric, Robert Bush, and John Panches. 1993. Wood Material Use in the U.S. Cabinet Industry: 1992-1994. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 28 pages.

Hansen, Eric, Robert Bush, and John Punches. 1993. U.S. Pallet and Container Industry Profile: 1992-1994. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 9 pages.

Hansen, Eric, Robert Bush, and John Punches. 1993. U.S. Cabinet Industry Profile: 1992-1994. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 5 pages.

Hansen, Eric, Robert Bush, and John Punches. 1993. Recycling in the U.S. Pallet Industry. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 16 pages.

Hansen, Eric, Robert Bush, and John Punches. 1993. Furniture Industry Profile :1992-1994. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 8 pages.

Punches, John, Robert Bush, and Steven Sinclair. 1992. Wood Materials Use in the U.S. Cabinet Industry: 1991-1993. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 55 pages.

Forbes, Craig, Vijaya Reddy, John Punches, and Steven Sinclair. 1992. Development of a Data Base for Solid Hardwood and Other Materials Use in the U.S. Furniture Industry -- Third Annual Report. Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 56 pages.

Christoforo, John, Vijaya Reddy, John Punches, and Robert Bush. 1992. Wood-Based Material Use in the U.S. Pallet and Container Industry: 1991 and 1993. Report for the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 31 pages.

Punches, John, Craig Forbes, and Steven Sinclair. 1991. Wood and Wood Based Material Use in the Wood Furniture Industry. A Research Update from the Center for Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. November. 4 pages.

Forbes, Craig, John Punches, and Steven Sinclair. 1991. Materials Use in the U.S. Furniture Industry: 1990-1992. Report for the Center for

Forest Products Marketing. Virginia Polytechnic Institute and State University. Blacksburg, Virginia. 58 pages.

8. Patents and Other Intellectual Property

B. Professional Meetings and Presentations

1. Presentations at Professional Meetings (presenter indicated by *)

*Funk, James W., Brunner, Charles C., Punches, John W., and Johannes B. Forrer. 2004. Small Trees Mean Looking at Small Products. At: SmallWood 2004: Creating Solutions for Using Small Trees. May 18-21, Sacramento, CA. Forest Products Society.

*Punches, John. Constructing Extension Curricula to Enhance Family Forestland Management. At: 6th IUFRO Extension Working Party Symposium, Building Capacity Through Extension Best Practices. September 28 – October 3, 2003. Troutdale, Oregon. Juried presentation. Volunteered.

*Wang, X, R.J. Ross, J, Punches, R.J. Barbour, J.W. Forsman, and J.R. Erickson. 2003. Evaluation of small-diameter timber for value-added manufacturing - A stress wave approach. At: 2nd International Precision Forestry Symposium; June 15-18, 2003. Seattle, Washington. Volunteered.

*Punches, John. 2002. Silviculture's Impact on Wood Quality: Growing Trees for Specific Markets. At: A River Runs Through It, Washington's Working Forests: Meeting the Needs of People and the Environment. Joint Annual Meeting of the Washington Forest Protection Association and Western Forestry and Conservation Association. October 23-25. Tacoma Washington. Invited.

*Funk, J.W., C.C. Brunner, J.W. Punches, and J.B. Forrer. 2002. Simulated Sawing of Real Log Images: Linking Wood Quality to Product Potential. IUFRO Working Party S5.01.04 Fourth Workshop on Connection Between Forest Resources and Wood Quality: Modeling Approaches and Simulation Software. September 8-15, 2002. British Columbia, Canada. Invited.

*Punches, J.W., and Black, T. 2002. Alternative Solid Wood Materials for Secondary Manufacturing: Opportunities and Constraints. Oral Presentation and Technical Forum Poster Presentation. SmallWood 2002, Community and Economic Development Opportunities in Small Tree Utilization Conference. Albuquerque, New Mexico. April 11-13.

Poster also presented at Forest Products Society Annual Meeting, Technical Forum. June 24-26. Madison, Wisconsin. Volunteered.

Ross, R.J., Wang, X., Erickson, J.R., Forsman, J.W., *Punches, J.W. and Barbour, R.J. 2002. Evaluation of Small-diameter Timber for Value-added Manufacturing: Stress Wave Analysis. Technical Forum Poster Presentation. SmallWood 2002, Community and Economic Development Opportunities in Small Tree Utilization Conference. April 11-13. Albuquerque, New Mexico. Volunteered.

Funck, J.W., Forrer, J.B., Brunner, C.C., *Punches, J.W. 2002. Small-diameter Timber: An Alternative Approach for Determining Lumber Value. Technical Forum Poster Presentation. SmallWood 2002, Community and Economic Development Opportunities in Small Tree Utilization Conference. April 11-13. Albuquerque, New Mexico. Volunteered.

*Punches, J.W., and Black, T. 2002. Alternative Solid Wood Materials for Secondary Manufacturing: Opportunities and Constraints. Poster Presentation. Small Diameter Timber Resource Management, Manufacturing and Markets Symposium. February 25-27. Spokane Washington. Volunteered.

Ross, R.J., Wang, X., Erickson, J.R., Forsman, J.W., *Punches, J.W. and Barbour, R.J. 2002. Evaluation of Small-diameter Timber for Value-added Manufacturing: Stress Wave Analysis. Poster Presentation. Small Diameter Timber Resource Management, Manufacturing and Markets Symposium. . February 25-27. Spokane Washington. Volunteered.

Funck, J.W., Forrer, J.B., Brunner, C.C., *Punches, J.W. 2002. Small-diameter Timber: An Alternative Approach for Determining Lumber Value. Poster Presentation. Small Diameter Timber Resource Management, Manufacturing and Markets Symposium. February 25-27. Spokane Washington. Volunteered.

*Funck, J.W., C.C. Brunner, J.B. Forrer, and Punches, J.W. 2000. Fund for Rural America small-diameter timber project: An update. Technical forum poster presentation at the 2000 Forest Products Society Annual Meeting, June 21. South Lake Tahoe, California. Volunteered.

*Punches, John, Richard Vlosky and Renee Fontenot. 1998. Extranets: What Are They and How Can They Help My Business? Technical Interest Group Presentation. Forest Products Society Meeting. June 24. Merida, Yucatan, Mexico. Volunteered.

*Punches, John. 1998. Small-Diameter Timber for Value-Added Manufacturing. Improved Wood Utilization Opportunities for Meeting Ecosystem Management Objectives. Joint Research/S&PF/NFS National Meeting. Forest Products Laboratory. January 27-29. Madison, Wisconsin. Invited.

*Punches, John, and Eric Hansen. 1997. Market Implications of Sustainable Forestry: A Case Study. IUFRO All Division Conference. Washington State University. July 7-12. Pullman, Washington. Volunteered.

*Punches, John. 1997. Origins of Wood Quality: An Educational Program Targeting Woodland Owners and Managers. Technical Interest Group Presentation. Forest Products Society Meeting. June 26. Vancouver, British Columbia. Volunteered.

*Hansen, Eric and John Punches. 1997. Oregon State University Forest Products Marketing Research Program. IUFRO Group 5.10 Meeting. June 18-21. Vancouver Island, British Columbia. Invited.

*Hansen, Eric and John Punches. 1997. Oregon State University Forest Products Marketing Education Program. IUFRO Group 5.10 Meeting. June 18-21. Vancouver Island, British Columbia. Invited.

*Fell, David, Eric Hansen, and John Punches. 1997. The Innovation Diffusion Process and Its Effect on the Adoption of Engineered Wood Products. Technical Forum (poster) Presentation. Forest Products Society Meeting. June 26. Vancouver, British Columbia. Volunteered.

*Punches, John, and Eric Hansen. 1997. Collins Pine Company: Certified Wood Product Marketing Experiences. Technical Forum (poster) Presentation. Forest Products Society Meeting. June 26. Vancouver, British Columbia. Volunteered.

*Punches, John, and Eric Hansen. 1997. Collins Pine Company: Certified Wood Product Marketing Experiences. Technical Interest Group Presentation. Forest Products Society Meeting. June 25. Vancouver, British Columbia. Volunteered.

*Punches, John, and Eric Hansen. 1997. Sustainable Forestry: a Case Study of Collins Pine Company. Technical Interest Group Presentation. Forest Products Society Meeting. June 24. Vancouver, British Columbia. Volunteered.

*Hansen, Eric, and John Punches. 1996. Collins Pine Case Study Results. Presented at: Sustainable Forestry Business Case Studies. Sponsored by the MacArthur Foundation. Restaurant Nora. December 5-6. Washington, DC. Volunteered.

*Punches, John, Robert Bush, and William Luppold. 1993. Wood Materials Use in the U. S. Cabinet Industry: 1991-1993. Forest Products Society 47th Annual Meeting. June 20-23. Clearwater Beach, Florida. Volunteered.

2. Other Presentations

*Punches, John. 2003. Evaluation of Small-diameter Timber for Value-added Wood Products: Report on Research Project. Applegate Partnership Meeting. January 8. Ruch, Oregon. Invited.

*Punches, John. 2002. Overview of Small-diameter Timber Research Project. Wood Lunch. Oregon State University, College of Forestry, Wood Science and Engineering Department. June 5. Corvallis, Oregon. Invited.

*Punches, J.W. 2002. Opportunities for Solid Wood Products from Small-Diameter Timber. Northwest Wood Products Association Regional Meeting. March 7. Bend, Oregon. Invited.

*Punches, J.W. 2002. Opportunities for Solid Wood Products from Small-Diameter Timber. Northwest Wood Products Association Regional Meeting. May 3. Reedsport, Oregon. Invited.

*Punches, J.W., and Black, T. 2001. Alternative Solid Wood Materials for Secondary Manufacturing: Opportunities and Constraints. Northwest Wood Products Association Annual Meeting. December 6. Eugene Oregon. Invited.

*Punches, J.W. and Black, T. 2000. An update on the Fund for Rural America small-diameter timber project. Presented to the Applegate Partnership, Applegate Ranger District. February 9. Oregon. Invited.

*Punches, John. 1999. Evaluating Small-Diameter Timber for Value-Added Product Potential. Applegate Partnership Meeting. April 14. Jacksonville, Oregon. Volunteered.

C. Grant and Contract Support

1. Proposals Submitted (funded proposals appear under item 2 below)

Punches, John, 2001. Community Forestry Programs in Douglas County. Douglas County Commissioners, Title III Program. \$86,000. July. Declined.

2. Grants/Contracts Received

Punches, John and Robin VanWinkle. 2004. Expanding Forest-related Education in Douglas County. Secure Rural Schools and Self-determination Act, Title III, Douglas County. \$110,240.

Punches, John and Robin VanWinkle. 2003. Expanding Forest-related Education in Douglas County. Secure Rural Schools and Self-determination Act, Title III, Douglas County. \$75,166. 7/23/03.

Punches, John, and Greg Filip. 2003. Forestry Curriculum Project. Extension Forestry Group Project Fund (via OFRI). \$1,500. 7/1/03 to 6/31/04.

Punches, John. 2002. Tree School South. Regional Forestry Mini-college. Extension Forestry Group Project Fund (via OFRI). \$3,500. 7/1/02 to 6/31/03.

Hansen, Eric, Punches, John, and Scott Leavengood. 2002. Improving Markets for Large Logs. Northwest Oregon Economic Alliance. \$34,212. 09/06/02 to 12/31/04.

Punches, John, and Greg Filip. 2002. Resource Management Planning Curriculum Project. Extension Forestry Group Project Fund (via OFRI). \$10,000. 9/02 to 6/03.

Punches, John, Bondi, Mike, Bowers, Steve, and Max Bennett. 2001. Tree School South. Extension Forestry Group Project Fund (via OFRI). \$6,000. 7/1/01 to 6/31/02.

Filip, Greg, and John Punches. 2001. Resource Management Planning Curriculum Project. Extension Forestry Group Project Fund (via OFRI). \$13,457. 1/01 to 7/02.

Filip, Greg, and John Punches. 2000. Basic Forestry Short Course Curriculum Project. Extension Forestry Group Project Fund (via OFRI). \$5,040. 3/00 to 6/01.

Punches, John. 2000. Forestry Staffing Assessment. Extension Forestry Group Project Fund. \$2,100. 3/00 to 12/00.

Filip, Greg, and John Punches. 2000. Resource Management Planning Curriculum. Oregon Department of Forestry. \$10,000. 2/00 to 6/02.

Filip, Greg, and John Punches. 2000. Resource Management Planning Curriculum. Extension Forestry Group Project Fund. \$6,000. 3/00 to 12/00.

Punches, John, James Funck, Charles Brunner, Sue Willits, Robert Ross, and Terry Black. 1998. Evaluation of Small-Diameter Timber for Value-Added Manufacturing: an Integrated Approach. USDA Fund for Rural America. \$435,000. 2/98 to 2/01.

Punches, John. 1997. Development of a "Master" Volunteer Water Quality Monitoring Training Program. OSU Extension Service, Innovative Program Grant. \$10,000. 11/97 to 6/98.

Punches, John. 1996. Development of a Natural Resource Extension Assistant Position in Douglas County. Douglas County Extension Office, reserves (through Douglas County Extension Advisory Committee). \$30,000. 1996 to 2001.

Punches, John. 1996. Development of a Natural Resource Extension Assistant Position in Douglas County. OSU Extension Service, Innovative Program Grant. \$10,000. 10/96 to 6/97.

Hansen, Eric, Punches, John. 1996. Collins Pine Company Case Study. Sustainable Forestry Partnership (via MacArthur Foundation). \$30,000. 1/96 to 12/96.

Punches, John. 1995. Distribution of the Oregon Wood Products Marketing Directory. OSU Extension Forestry Program. Value Added Forest Products Fund. \$3,000. 4/95 to 6/95.

Punches, John. 1994. Development of an Oregon Wood Products Marketing Directory. OSU Extension Forestry Program. Value Added Forest Products Fund. \$12,711. 12/94 to 6/95.

Punches, John. 1994. Technology Improvement Efforts for Our Heart's Desire: a Small Wood Products Manufacturer in Oakridge, Oregon. Industrial Extension Service Pilot Program. \$10,000. 10/94 to 6/95.

3. Other Research/Teaching/Outreach Support Received

Punches, John. 2002. Sponsorship to speak at the joint meeting of the Western Forestry and Conservation Association and the Washington Forest Protection Association. \$383.83. 10/02.

Punches, John. 1998. Sponsorship to attend 1998 Forest Products Society meeting in Merida, Mexico. OSU Extension Service, Office of Personnel and Organizational Development staff development fund. \$300. 6/98 to 7/98.

4. USDA Center Grant or McIntire-Stennis Projects

V. Service

A. University-level

B. College or Extension Service

Extension Disaster Task Force. 2002 to 2004.

Extension Disaster Education Network (EDEN) Delegate and Point of Contact, December 2002 to present. Vice-chair of Information Clearinghouse standing committee, November 2002 to October 2003.

Representative to Extension Disaster Education Network (EDEN). Annual Meeting. Charlotte, South Carolina. October 30 to November 1, 2002.

Facilitator, Family Forestland Symposium Breakout Sessions. 69 participants. Corvallis. February 12-13, 2001.

Hosted, Family Forestland Regional Roundtable. Evaluation of small woodland owner needs and issues. 32 participants. Roseburg. December 1, 2000.

Speaker, Umpqua Basin Watershed Council meeting. Overview and explanation of OSU Extension watershed programs and positions. 30 participants. Roseburg. November 21, 2000.

Host, Extension Roads Scholars Tour, Douglas County Demonstration Farm and Discovery Garden. August 2, 2000.

Chair, Search Committee for Josephine/Jackson County Forestry Agent. May-June, 1999.

Member, Extension Marketing Committee. 1998 to 2000.

Co-chair, search committee for Douglas County 4-H agent. May - June, 1998.

Participant (by invitation) at Extension Director's Retreat. Triangle Lake Center. Blachly. December 11-12, 1997.

Upgraded computers and operating system for Douglas County Extension network. August - October, 1996.

Member of College of Forestry spring picnic planning committee. Responsible for ordering and obtaining food. Worked at picnic. (Letter from Dean Brown on file). Preparations began May 7, project complete June 30, 1996.

Facilitator for Forest Science Department faculty retreat (at their invitation). Silver Falls. March 18, 1996.

Researched and installed computer network system in Douglas County Extension Office, November 1994.

C. Department or Forestry Extension Program

Member, Forest Products Department Post Tenure/Interim Review Committee. 2001-2002, 2003-2004.

Member, Planning Committee. Forestry Extension Mid-year Planning Meetings (August) and Annual Planning Meetings (November). 2000-2001 (two-year term).

Chaired search committee for an Extension Natural Resources Assistant in Douglas County. Obtained funding for position, developed position announcement, organized search committee, coordinated with Extension personnel officer, hired assistant. October 1996 to February 1997.

Team member and contributor, Forestry Extension long-range plan on Productivity and Profitability of Forestry and Wood Product Enterprises. October, 1996.

Member of search committee for BL3 Regional Extension Value-Added Program Assistant. March, 1995.

Master Woodland Manager steering committee. November 1994 to 1999.

D. To Profession

1. Membership/Leadership in Professional Organizations

Member, Forest Products Research Society, 1993 to present. Secretary, Marketing Technical Interest Group, June 1998 to July 2004 (three consecutive two year terms). Chair, Electronic Communications Technical Interest Group, June 2000 to June 2002 (two year term). Chair Elect, Electronic Communications Technical Interest Group, June 1998 to June 2000 (two year term). Moderator, Marketing Technical Interest Group Technical Session, June 1998. Moderator, Marketing and Electronic Communications Groups Joint Technical Session, June 1999, and June 2001.

Member, Society of American Foresters. 1988 to present.

2. Industry Associations, Federal Agencies, etc.

3. Service as Proposal and Manuscript Reviewer

Reviewer for Journal of Forest Products Business Research. December 2004. 1 manuscript.

Reviewer for Forest Products Journal manuscripts. January 1998 to present. 10 manuscripts.

Reviewer for The Forestry Chronicle. 2000. One manuscript.

Filip, Gregory. 1999. Trees Need Their Skin Too: Wounding and Stem Decay. Oregon State University Extension Service. Woodland Workbook contribution. October.

Reviewer for 1999 PNW Agricultural Situation and Outlook, Forest Products Contribution. Washington State University.
<http://www.cahe.wsu.edu/~news/releases/99forest.html>. December 1998.

Reviewer for CSREES National Research Initiative. 1998, 2003. Two proposals.

Reviewer for US Forest Service, PNW Station. 1998. One publication.

Smith, R., and E. Hansen. 1996. Sales and Understanding People. Oregon State University Extension Service. EC 1480. October.

Smith, R., and E. Hansen. 1996. Personal Selling. Oregon State University Extension Service. EC 1481. October.

Smith, R., and E. Hansen. 1996. The Sales Presentation. Oregon State University Extension Service. EC 1483. October.

Smith, R., and E. Hansen. 1996. Developing and Maintaining Customer Contacts. Oregon State University Extension Service. EC 1482. October.

Fletcher, Rick. 1996. Sources of Assistance Lesson Plan (component of Forestry Curriculum project). October 25.

Kavanaugh, Kathleen, and Ralph Duddles. 1996. Reforestation Lesson Plan (component of Forestry Curriculum project). October 25.

Filip, Greg, and Allen Campbell. 1996. Forest Health Lesson Plan (component of Forestry Curriculum project). July 24.

4. Other Service to Professional Organizations

At request of Umpqua Community College director of targeted programs, advised Jess Stokes (faculty member) on needs assessment methodology and industry status to facilitate their efforts to provide secondary wood products manufacturer educational programming. April 12 & 15, 1996.

5. Consulting and Other Service Activities

Assessment of Timber Volume on Private Land in Western Oregon. For Hovee report to OFRI/OSWA. February-June 2004.

Curriculum development consultant. Marketing Tropical Timber in the U.S. Metafore. January-March, 2004.

6. Service to the Public (professionally related)

Provided curriculum materials for Riddle Charter School. October 2004.

Worked with Alder Creek Children's Forest Board members to identify forestry educational opportunities for their demonstration site. Fall 2004.

Attended Douglas Small Woodlands Association Meetings, 1994 to present, providing assistance in a variety of manners.

Facilitated Douglas County Tree Farmer of the Year Tour. October 8, 1994.

Prepared and distributed Douglas Small Woodlands Association Board of Directors Nominee Biographical Information forms. February, 1995.

7. Service to the Public (non-professionally related)

Member Roseburg Junior Academy School Board. October 1996 to August 2002, July 2004 to present. Chairman August 1997 to August 2002.

Coordinated and instructed youth challenge activity for Camp UKANDO/Millennium (outdoor camp for children with cancer). June 28, 1996. June 27, 1997. June 26, 1998, June 25, 1999, June 22, 2000. June 18, 2001. June 17, 2002. June 16, 2003.

Member Eugene Mountain Rescue. December 1996 to present. Rescue member, July 1998 to present.

Member of Search and Rescue Curriculum Development Team, State of Oregon Office of Emergency Management. 1994.

Regional Coordinator for Pacific Northwest (Oregon, Washington, Alaska) region of the National Cave Rescue Commission. Responsible for training, documentation, and coordination of cave rescue resources in Pacific Northwest. 1995 to present.

National Coordinator. National Cave Rescue Commission. February 2000 to present.

Interim National Coordinator. National Cave Rescue Commission. June 1999 to February 2000.

Assistant National Coordinator. National Cave Rescue Commission. November 1998 to June 1999.

Youth Training for Job Corp youth. Organized and delivered 2 to 6 summer training sessions per year. 1995 to 1999, 2001-2002.

Participant in 3 to 12 lost person searches per year, 1995 to present.

Member of Sheriff's Office SAR training committee responsible for curriculum maintenance. Responsible for 3 to 4 program deliveries per year. 1995 to present.

Active member of Douglas County Sheriffs Office Search and Rescue Team, Mountain Rescue Division. Training and Operations Officer, November 1995 to present. Organized and delivered monthly training meetings. President, December 1996 to December 1998.

Active member, Glide Seventh-Day Adventist Church. Elder 1999 to present. Deacon 1996-98.

VI. Professional Development

A. Sabbatic Leave

September 2003 through May 2004. Pursuing PhD coursework at Oregon State University. Enrolled in Forest Science Department. Completed 35 credits toward core requirements. Statistics, research design, forest ecology, tree physiology, wood anatomy, environmental physiology of plants, field methods. 4.00 GPA.

B. Course/Training Attended

Map Tech Training Program. Roseburg, OR. September 21, 2004.

Incident Command System (ICS) Series: Introduction, Planning, Operations, Logistics, Incident Commander, and ECC Integration. Oregon Emergency Management. Roseburg, OR. February 10-14, 2003.

Genomics of Douglas-fir: Implications for Applied Tree Improvement and Gene Conservation. Pacific Northwest Tree Improvement Research Cooperative, Institute of Forest Genetics, USFS Pacific Southwest Research Station, and USFS Pacific Northwest Research Station. Corvallis, OR. November 14, 2002.

Intermediate and Advanced (Microsoft) PowerPoint. Extension Computing Technology Unit. Roseburg, OR. December 13, 2001.

Intermediate and Advanced (Microsoft) Access. Extension Computing Technology Unit. Roseburg, OR. December 11, 2001.

National Extension Leadership Development. Class VII intern. May 1999 – June 2001.

Alternative Silviculture Field Session. Oregon State University Extension Forestry Program. Corvallis. July 21, 1999.

Periodic Review of Faculty training session. Oregon State University Extension Administration. Medford. November 19, 1998.

1998 Western Region Middle Managers Conference. Park City, Utah. July 13-15, 1998.

Wood Tech Clinic and Show. Portland. March. 1995 to 2000.

Uneven-aged and Long Rotation Forest Management Workshop and Tour. Oregon State University Extension Forestry. Corvallis. March 11, 1997.

Scholarly Writing Workshop. Oregon State University. Corvallis. October 30, 1996.

National Cave Rescue Commission Instructor Qualification Seminar. Jasper, Arkansas. July 25 - August 4, 1996. (I thought this was going to be my vacation, but it turned out to be, unequivocally, the best training I've ever received on lesson plan preparation, classroom management, & presentation skills.)

Helicopter herbicide application demonstration. Douglas Count Woodlands Assistance Program. Roseburg. March 15, 1996.

Advanced Silviculture. Oregon State University Extension Forestry. Corvallis. October 10-12, 1995.

Pacific Rim Wood Products Marketing Conference. Vancouver BC. April 3-4, 1995

Intercultural Diversity. Oregon State University Extension Service. Corvallis. December 1, 1994.

Oregon Forest Practices Act Reforestation Rules Training. Oregon Department of Forestry. Roseburg. December 9, 1994.

Writing Improvement and Proposal Writing Seminar. Oregon State University, Research Office. Corvallis. November 1, 1994.

Tax Workshop for Forest Landowners. Oregon State University Extension Forestry. Redmond. October 20, 1994.

Western Hardwoods Seminar. Oregon State University Extension Forestry. Corvallis. October 12, 1994.

Study Tour, Little River Adaptive Management Area. USDA Forest Service and Bureau of Land Management. Glide. October 4, 1994.

Basic Woodland Management Course. Harvesting and Marketing. Oregon State University Extension Forestry. September 21, 1994.

Quality Management Workshop. Oregon State University, Forest Products Department. Corvallis. September 14-15, 1994.

Quality Control Workshop. Oregon State University, Forest Products Department. Corvallis. September 12-13, 1994

Basic Woodland Management Course. Forest Measurements. Oregon State University Extension Forestry. Eugene. September 7, 1994.

Basic Woodland Management Course. Reforestation. Oregon State University Extension Forestry. Eugene. August 31, 1994.

Basic Woodland Management Course. Assistance and Management Planning. Oregon State University Extension Forestry. Eugene. August 24, 1994.

Study Tour. Spotted Owl Habitat in Douglas County. Douglas Timber Operators. August 11, 1994.

Study Tour. Bend Area Wood Products Companies. Oregon State University Extension Forestry. August 8, 1994.

C. Professional Meetings

Extension Disaster Education Network (EDEN). Annual Meeting. Charlotte, South Carolina. October 30 to November 1, 2002.

SmallWood 2002, Community and Economic Development Opportunities in Small Tree Utilization Conference. Albuquerque, New Mexico. April 11-13, 2002.

Small Diameter Timber Resource Management, Manufacturing and Markets Symposium. Spokane Washington. February 25-27, 2002.

Extension Annual Conference. Oregon State University Extension Service. Corvallis. 1994 to present.

Forest Products Society Meeting. Grand Rapids, Michigan, 2004. Madison, Wisconsin, 2002. Baltimore, Maryland, 2001. Boise, Idaho, 1999; Merida, Yucatan, Mexico, 1998; Vancouver, BC, Canada, 1997; Portland, Oregon, 1996; Minneapolis, Minnesota, 1995; Portland, Maine, 1994; Clearwater Beach, Florida, 1993.

IUFRO All Division Conference. Washington State University. Pullman, Washington. July 7-10, 1997.

D. Other activities

VII. Other Materials

VIII. Awards, Honors and Other Recognitions

Certificate of Appreciation from the 2002 Douglas County Resource Management Planning Class. November 2002.

Extension Forestry Awesome Force Award, November 2001

Certificate of Appreciation in Recognition of Outstanding Support of the Douglas County Master Gardener Program. October 1999.

Xi Sigma Pi - National Forestry Honor Society

Distinguished Graduating Student, Michigan Tech Department of Forestry.