

## **Series Outline**

Series I. Funded Grant Proposal Records, 1988-1999

Series III. Subcontracts, 1992-1999

## Detailed Description of the Collection

### Series I. Funded Grant Proposal Records, 1988-1999

Academy of Applied Science (Army)

- Box**
- 88 Evans, Thomas P. Oregon Junior Science and Humanities Symposium, 1997
- Agricultural Research Foundation
- 88 Breen, Patrick J. Breen Wine Research, 1995-1996
- 88 Daley, Larry S. Filbert Blight Research -Fingerprinting Eastern Filbert Blight, 1991-1992
- 88 Diebel, Penelope. Wheat Research, 1995-1996
- 88 Istok, Jack D. Groundwater Research, 1996-1997
- 88 Johnson, Kenneth B. Research in Botany and Plant Pathology, 1989
- 88 Mason, Robert. Pest Pressure and their effects on Oregon Mint Fields, 1992-1993
- 88 Righetti, Timothy L. Foliar Urea for Apples, 1994-1995
- 88 Stirk, Bernadine C. Biology of Grape Phylloxera and Viticulture Extension, 1993
- 88 Tanaka, John A. The Economic impact of cattle industry and related Agriculture, 1996-1997
- Alaska Department of Transportation
- 88 Leahy, Rita. SHRP Evaluation of Asphalt Mixes, 1995-1997
- American Heart Association
- 88 McFadden, Phillip. Automethylation and Self-Repair in Red Cells, 1992-1997
- Applied Research Associates
- 88 Semprini, Lewis. In Situ Bioremediation of Solvent Saturated Soils Utilizing Butane and Propane-Oxidizers, 1995-1997
- Association for Retarded Citizens (ARC) of Washington Trust Fund
- 88 Wilson, Beverly. The Children's Friendship Project, 1996-1997
- Army Research Office
- 88 Mahrt, Larry. Coherent Structures Fluxes and Sampling Problems Over Heterogeneous Surface, 1993-1995
- 88 Wager, John A. Hot Electron Physics of Alternating Current Thin Film Electroluminescent Devices: Phase II, 1994-1997
- Battelle Pacific Northwest Laboratories
- 88 Unsworth, Michael. Concentration and Composition of Airborne Components of the Atmosphere in Various Climate Regions, 1997.
- 88 Williams, David. Analysis of CYP1A1 Induction in Feral Mice, 1997.
- Bend Research Inc.
- 88 Gerwick, William. Novel Process for the Synthesis of Chemical Libraries for Drug Discovery, 1997
- Binational Agricultural Research and Development Fund
- 88 Buccola, Steven. Pooling and Pricing Schemes for Marketing Agricultural Products, 1993-1996.
- Champion Jogbra Inc.
- 88 Smith, Gerald. Kinematic Analysis of Breast Motion Control of Sports Bra Designs, 1997
- Clackamas County Housing Authority
- 88 Erikson, Linda P. Project Drug Elimination, A Multi-Agency Project, 1996-1997.
- Confederated Tribes of the Umatilla Indian Reservation
- 88 Fitzpatrick, Martin S. Pacific Lamprey Research and Restoration Project, 1997
- Confederated Tribes of Warm Springs
- 88 Tesch, Steven D. An Evaluation of Silvicultural Opportunities for managing Mid-Elevation Mixed Conifer Forests, 1992-1997
- Cornell University
- 88 Paul, Brian K. Beta-Testing of PRC Product Cost Estimating and Global Sourcing and Logistics Modular Courseware, 1997-1998
- CORRIM

- 88 McLain, Thomas. Support of CORRIM Activities, 1996-1997  
Corvallis 509-J School District
- 88 Harter, Rod. Cooperative Program Funding: OSU Graduate program in Sports Medicine, 1997-1998  
The Education Trust
- 88 House, Reese M. National Program for Training School Counselors, 1997-1998  
Electric Power Research Institute
- 88 Stormshak, Fred. Long-Term Effect of 60-Hz Electric vs Magnetic Fields on IL-1 and Other Immune System  
Parameters in Sheep, 1994-1998.
- 88 Wallace, Alan K. Promotion and Operations Development of the Motor System Resource Facility, 1996-1997  
Engineering Data Management
- 88 Morrell, Jeffrey. Assistance with a Woodpecker Workshop, 1997.  
Environment Canada
- 88 White, Denis. Prototype Prioritization for Biodiversity in Canada, 1997-1998.  
FMC Corporation
- 88 McDaniel, Mina. Investigation of Orange Juice Aroma and Flavor Components by Gas Chromatography,  
GC-Olfactory, and Descriptive Analysis, 1996-1997  
Fordras S.A. Switzerland
- 88 Daeschel, Mark A. Investigations on the Use of Lysozyme to Control Bacteria in Brewery and Winery  
Environments, 1996-1998.  
Good Samaritan Hospital Foundation
- 88 Collier, Douglas H. Are Students with Mental Retardation Taught More Effectively in Integrated or Segregated  
Physical Education Settings, 1998.
- 88 Donatelle, Rebecca. Investing in Health-Prevention Training for Oregon's Health Professionals, 1996.
- 88 Graham, Cheryl A. Eating Disorders: Testing a New Perspective Model, 1997.
- 88 Rose, Debra J. Short and Long Term Efficacy of a Customized Balance Training Program for "At-Risk" Older  
Adults, 1996-1997.  
H. John Heinz III Center
- 88 Hanna, Susan. Managing Marine Fisheries, 1997-1998.  
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- 88 Peterson, Richard. Thermal Property Characterization of Very Thin Films, 1997.  
Intel Corp.
- 88 Seely, Justus. Statistical Services, 1997.  
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- 88 Johnson, Rebecca. Economic Impacts of Near-Urban Forests on Neighboring Properties, 1996-1998.  
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- 88 Pillsbury, Dale R. Moored Platform in the NW Atlantic Ocean, 1995.  
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- 88 Duncan, Robert A. Scientific Consulting on CD-ROM, Gateways to Glaciations, 1997.  
Kubota Corporation
- 88 Nelson, Peter O. Controlling Phosphate Forms in Anaerobic Digestion, 1996-1997.  
Lane County
- 88 Moran, Patricia. Evaluation of Youth Intervention Network, 1995-1997.  
Lockhead Idaho Technologies Company
- 88 Klein, Andrew C. Evaluation and Analysis of Experimental Data from Advanced Nuclear Reactor Test, 1995.
- 88 Klein, Andrew C. Analysis of Transient Response for Advanced Light Water Nuclear Reactors and Test  
Facilities, 1995.  
Magnum Manufacturing
- 88 Spiewak, Swavik A. Experimental Investigation of the Chassis Dynamics, 1997  
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- 88 Buhler, Donald R. Evaluation of Chalcones from Hops as Anti-Cancer Agents, 1997-1998.
- 88 Wong, Isaac. Structure Function Studies on the Assemble State of HIV-1 Integrase, 1997-1998  
Monsanto Company
- 88 Sleight, Art. Electrochromatic Materials, 1996-1997.  
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- 88 Smith, Bradford B. Comparative Antibiotic Metabolism in the Llama, 1996-1997.
- 88 Smith, Bradford B. Use of Fecal Steroids for Pregnancy Diagnosis in the Llama, 1996-1997.
- 88 Christensen, John M. Medical Management of Ulcers in Llamas, 1996-1997.
- M. J. Murdock Charitable Trust
- 88 Hetherington, William M. Femtosecond Ti: Sapphire Laser for nonlinear Optical Studies of Surfaces, 1996-1998.
- National Aeronautic and Space Administration (NASA)
- 88 Bennett, Andrew. Summer School in Data Assimilation and Inverse Methods, 1997-1998
- 88 Bennett, Andrew. The Topology of Ocean Circulation, 1995-1996.
- 88 Cohen, Warren. Local Validation of Global Estimate of Biosphere Properties: A Synthesis of Scaling Methods and Results Across Several Major Biomes, 1995-1996.
- 88 Dalrymple, Brent G. <sup>40</sup>Ar/<sup>39</sup>Ar Incremental Heating Ages of Submilligram Samples of Lunar Impact Melt Rocks Using a Continuous Laser System, 1996-1997.
- 88 Simoneit, Bernd R. T. Experimental and Theoretical Studies of Organic Synthesis and Alteration at Hydrothermal Conditions, 1994-1995.
- 88 Snow, Christine. Effects of Resistance and High-Impact Training on the Musculoskeletal System in Premenopausal Women, 1996-1997.
- 88 Swanson, Fred. Local Validation of Global Estimate of Biosphere Properties: A Synthesis of Scaling Methods...1995-1996.
- 88 Unsworth, Michael. Evaluating Ecosystem Model Predictions of CO<sub>2</sub> and Water Vapor Exchange across the Oregon Transect, 1995-1996.
- 88 Wallin, David O. Analysis of Land Use Effects of Landscape Patterns and Biological Diversity in Pacific Northwest Forests 1972-1992, 1993-1996.
- 88 Waring, Richard H. Evaluating Ecosystem Model Predictions of CO<sub>2</sub> and Water Vapor Exchange Across the Oregon Transect, with Flux Measurements from Light Aircraft and Towers, 1995-1998.
- National Council of the Paper Industry for Air and Stream Improvement
- 88 Jovanovic, Goran. Recovery and Regeneration of Fillers and Coating Pigments from Secondary Fiber Plant Wastes-A Preliminary Analysis, 1997-1998.
- National Oceanic and Atmospheric Administration (NOAA)
- 88 Langdon, Christopher J. Microencapsulated Delivery of Amino Acids to Striped Bass and Other Altricial Larvae, 1995-1997.
- 88 Robinson, Anja. Conservation of Commercial Kumamoto Oyster Broodstock, 1996-1997
- 88 Sampson, David. Student Internship in Population Dynamics and Stock Assessment of West Coast Groundfish, 1996-1997.
- 88 Taylor, George. Proposal to model Precipitation in British Columbia, 1997.
- National Climactic Data Center
- 88 Taylor, George. Preparation of Gridded Climate Data for an Updated Climatic Atlas of the United States, 1996-1997.
- National Science Foundation (NSF)
- 88 Clark, Peter. Collaborative Research...Laurentide Ice Sheet, 1994-1995.
- 88 Dietterich, Thomas G. Learning from Knowledge and Data for Ecosystem Prediction, 1993-1994.
- 89 Dymond, Jack R. Elemental Tracers of Carbon Export and Recycling in the Ross Sea, 1994-1996.
- 89 Faridani, Adel. Computed Tomography and Sampling, 1994-1997.
- 89 Hernried, Alan G. Robust Nonlinear Decentralized Control of Cable Supported Bridge Structures, 1993-1995.
- 89 Kenney, John G. High Performance Disk Drive Channels, 1994-1997.
- 89 Keszler, Douglas A. Synthesis and Optical Studies of Oxides, Oxoanion Flourides and Flourides, 1993-1995
- 89 Kocher, Carl A. Physics Laboratory Enhancement in Computer Interfacing and Instrumentation, 1995-1997.
- 89 Mason, Robert T. Reproduction in the Brown Tree Snake-Bolga Irregularis, 1991-1995.
- 89 Mix, Alan C. Continued Operation of the NORCOR Marine Geology Repository, 1994-1995.
- 89 Nibler, Joseph. Raman - Ionization Studies of Molecular Clusters, 1993-1994.
- 89 Nielsen, Karina J. U.S./Chile Planning Visit: Marine Macrophytes and Grazers: Linking Coastal Oceanography an Rocky...1997.
- 89 Nye, Mary Jo. Scientific Practice and Scientific Politics, 1994-1996.
- 89 Ossiander, Mina. Probability Theory and the S-K Spin Class Model, 1995-1996.

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- 89 Pritchett, Harold D. How we use Research to Improve the Engineering and Construction Industry, 1997.
- 89 Trehu, Anne. Lithospheric Evolution in Response to Triple Junction Migrations: Seismic Images Mendocino Region, 1993-1994.
- 89 White, J D. Synthesis of Carbocyclic and Heterocyclic Natural Products, 1993-1995.
- 89 Willis, Marcus J. Oceanographic Instrumentation, 1996-1997.
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- 89 Fein, Burton I. Division Algebras over Algebraic Function Fields, 1995-1997.
- New Mexico State University/NSF
- 89 Nabelek, John. Auxiliary Experiment for INDEPTH-II: Upper mantle Velocity Anomaly, Shear-Wave Splitting and Crustal/Mantle Velocity Structures in the Tethyan Himalayas and Southern Tibet, 1994-1997.
- NEMATEC/USDA
- 89 Berry, Ralph E. Production of Entomological Nematodes for Biological Control of Insect Pests, 1996-1997.
- Nihon Kefir Kabushiki Kaisha
- 89 Barnes, David. Effects of Kefir and other Food Components on Aging and Oxidative Damage of Cells, 1996-1997.
- Northwest Area Foundation
- 89 Weber, Bruce. Fiscal Policy Dialogue: Seeking Common Ground in Financing Oregon's Governments, 1993-1995.
- Nyssa-Nampa Beet Growers Association
- 89 Franklin, Jim. "On Farm" Validation of Nitrogen Recommendations for Profit Maximization, 1988-1996.
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- 89 Allen, John S., Holman, Robert A. Nonlinear Shear Waves in the Surf Zone, 1994-1997.
- 89 Barth, John A. Process Studies of Bouyancy-Driven Coastal Currents, 1990-1995.
- 89 Bennett, Andrew. Applications of Parallel Computing in Physical Oceanography, 1997.
- 89 Boyd, Timothy. Arctic Mixing and Tides, 1995-1997.
- 89 Cowles, Timothy J. Coupled Bio-optical and Bio-acoustical Measurements of Biological Microstructure, 1993-1995.
- 89 Cowles, Timothy J. Real-Time Integration of Biological, Optical, and Physical Oceanographic Data from Multiple Vessels and Nearshore Sites using a Wireless Network, 1997-1998.
- 89 Dietterich, Thomas G., Tadepalli, Prasad. Hybrid Computational Methods for Skill Acquisition, 1995-1998.
- 89 Goodnick, Stephen M. Physics and Device Technology of Single and Few Particle Systems, 1993-1996.
- 89 Guenther, R.B., Hudspeth, R.T. Calculations of the Viscous Drag on Submerged Bodies from the Far Field Behavior of the Flow, 1996-1998.
- 89 Beach, Reginald A., Holman, Robert A. Fluid-Sediment Dynamics on High Energy Beaches, 1994-1997.
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- 89 Zaneveld, Ronald. Optical Theory and Measurement in Coastal Waters, 1997.
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- 89 Zaneveld, Ronald, Pegau, W. Scott. Variability of Optical Properties within the Littoral Environment, 1997-1998.
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- 89 Hogue, Theresa, National Network for Collaboration, 1997-1998.
- Office of Community College Services
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- 89 Philbrick, David. Oregon Manufacturing Extension Partnership, 1997.
- Oregon Department of Agriculture
- 89 Ball, Daniel A. Management of Downy Brome for Optimum Crop Rotation Opportunities in Eastern and Central Oregon Grass Seed Production Systems, 1997-1998.

- 89 Glick, Judith Gail. Development and Delivery of Home, Lawn and Garden Recommendations to Promote Groundwater Protection, 1996-1997.
- 89 Huddleston, J.H. Implementation of the Oregon Water Quality Decision Aid, 1996-1997.
- 89 Jenkins, Jeffrey. Finalizing Oregon SMP for Pesticides and Groundwater, 1996-1997.
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- 89 Mallory-Smith, Carol. Annual Bluegrass Growth and Control Under Different Residue Management Strategies in Perennial Ryegrass Fields, 1996-1997.
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- 89 Mallory-Smith, Carol, Ehrensing, Daryl. Efficacy and Crop Tolerance of New Herbicides on Meadowfoam, 1997-1998.
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- 89 Nakaue, Harry S., Hermes, James C., Craig, Morrie A. Effect of Endophyte-infected Straw and Seed on Broilers, 1996.
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- 89 Miller, Thomas H. Engineering Services for Manufactured Home Anchoring Task Force, 1997-1998.
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- 89 Borden, Susan J. Support for the SMILE program in Woodburn, Ontario, and Myssa, 1997-1998.
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- 89 Higginbotham, Jack F. Radiological Emergency Response, 1998.
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- 89 Miner, Ron Implementation and Extension of Oregon Homestead Assessment System, 1995.
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- 89 Hayes, John P. ODFW Ecology of Bats in Forests, 1997.
- 89 Vavra, Martin. Big Game and Cattle Interrelationships and their Influence on Biological Resources, Seasonal Rangeland, and Agricultural Land in Northeastern Oregon, 1992-1996.
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- 89 Skaugset, Arne. ODF Forest Roads Sediment Delivery Project, 1995.
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- 89 Bell, Christopher. Low Volume Grade Crossings for Oregon High-Speed Rail Corridor, 1995.
- 89 Garets, Steve. Motorcycle Safety, 1997.
- 89 Hunter-Zaworski, Kate. Evaluation of the Corridor Safety Improvement Program, 1995.
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- 89 Lawson, David C. & Jarvis, Debra J. OSSOM Program, 1995.
- 89 Paasch, Robert. High Cycle Fatigue Crack Modeling and Analysis for Deck Truss Flooring Connection Details, 1995.
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- 89 Calder, C. Noncontact Ultrasonics Using Lasers for NDD or Large Metal Ingots and Structures, 1990.
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- 89 Kassner, M. E. Effect of Prior Deformation on the Aging and Recrystallization of Aluminum Alloys, 1990.
- 89 Kassner, M. E. Development of Alloys for Panel Fabrication, 1994.
- 89 Sleight, A. W. New Materials Based on Titanium, Vanadium, Zirconium, Niobium, Hafnium or Tantalum, 1990.
- 89 Kennedy, T. C. Stress Analysis Support for Next-Generation Rail Car Design, 1990.
- 89 Smith, Charles. Elimination of Occurrence of High Speed Propulsion of Cutting Chain Fragments, 1993.
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- 90 Tesch, Steven Oregon Department of Forestry Practices Program: Expert Team for Quality Control, 1996.  
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- 90 Pratt, Clara. STARS Evaluation. 1997-1998.
- 90 Parrott, Keith A. Melatonin Treatment of Age-Related Insomnia, 1995-1996.  
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- 90 McDowell, Ed. Services in Support of Implementing Statistical Process Control at Statewide Industries in Eugene, Oregon, 1998.  
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- 90 Brauner, David. Simpson House Site Archaeological Investigation, 1997.
- 90 Kerkvliet, Joe. Customer Satisfaction and Price Sensitivity for OPRD Campgrounds: Public and Private Competition, 1997.  
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- 90 Kenneke, Larry. Professional Development Program for Teachers of Spanish in Oregon, 1996-1998.  
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- 90 Schreck, Carl. Genetic Analysis of Lower Deschutes Rainbow Trout and Summer Steelhead, 1996
- 90 Shields, Barbara. Life History Study of Rainbow (Redband) Trout in Lake Billy Chinook, Oregon: On Campus, 1997.
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- 90 Hosty, Maureen. 4-H After School Drug-Elimination Program, 1997.  
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- 90 Wolff, Ernest G. Effect of Temperature on the Buckling of Elastomeric Cylinders, 1997.  
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- 90 Newton, Michael. Forest Cover and Water Quality in Northern California, 1996.  
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- 90 Mohler, Ron. Feasibility Study for Distributed System Observability Application to Detection and Location of Radiation Leaks, 1997.  
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- 90 Craig, A. Morrie. Degradation of Straw Residue by Anaerobic Ruminal Microorganisms, 1996.  
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- 90 McManus, Jim & Komar, Paul. Sedimentation Study of the Tillamook Bay and Watershed, 1996.  
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- 90 MacEvilly, Conor. Antioxidants and UV-Induced Cytokine Release, 1997.  
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- 90 Roby, Daniel. Caspian Tern Predation on Juvenile Salmonids in the Columbia River Estuary, 1997.
- 90 Sollitt, Charles. Oceanographic Measurements at the Mouth of the Columbia River Estuary, 1996.
- 90 Wilson, Mark. Investigations in Prairie Ecology and Management, 1996.  
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- 90 Mills, Dallice. PCR-Elisa Detection of *Clavibacter Michiganensis* Subsp, *Sependonicus*, 1996.

- 90 Powelson, Dr. Mary L. Impact and Implications of Fungicides on Tuberborne Phytophthora Infestans, 1997.  
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- 90 Reed, Scott & Recker, Richard. Inter-University Forum on Sustaining Forest Ecosystems, 1997.  
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- 90 Witters, Robert E. Review of the Sustainable Agriculture and Natural Resources Management Collaborative  
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- 90 Adams, Tom. A Controlled Environment Test of the Genetics of Cold and Drought Hardiness and their  
Interaction in Douglas-Fir Seedlings, 1995.
- 90 Adams, Darius. Estimating Cross-Price Elasticities of Demand of Solidwood Products and Substitutes in the  
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- 90 Adams, Paul W. Soil Disturbance Evaluation in Northeast Oregon Logging Units, 1993.
- 90 Cromack, Kermit. Water Quality of Streams, Lakes and Precipitation of the Pacific Northwest, 1996, 1993
- 90 Funck, James W. Value-Added Product Recovery from Small-Diameter Trees, 1996.
- 90 Funck, James W. System for Collecting Log Data that Include Geometric Shape and Internal Features, 1994.
- 90 Stafford, Susan. Spring Chinook Habitat Studies in the Grande Ronde Subbasin, 1993.
- 90 Hanson, Everett. A Risk-rating System and Thinning Guidelines to Reduce the Impact of Black Stain Root  
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- 90 Hibbs, David. Assessment of Overstory and Understory Vegetation for DEMO Project (Umpqua), 1993-1998.
- 90 Ingham, Elaine. Response of Soil Microorganisms to Soil Disturbance in Mixed-Conifer Stands in Eastern  
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- 90 Jones, Julia J. Spatial Statistics of Patterns of Biological Diversity, 1992-1997.
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- 90 Kramer, Brian W., Levesque Stephen. A Method for Watershed-Scale Forest Road Risk Assessment, 1997-1998.
- 90 Krueger, William C. Relationships Among Silvicultural Practices, Large Herbivores, Forest Succession and  
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- 90 Lattin, John D. Western Forest Insect Collection, 1992-1996.
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- 90 Luoma, Daniel. Community Structure and Dynamics of Ectomycorrhizal Fungi and Special Forest Products  
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- 90 McComb, Bill. Habitat Features and Vertebrate Abundance in Young Stands, 1994-1995.
- 90 Perry, David A. Indices of Biodiversity as Related to Ecosystem Management on the Payette National Forest,  
1994-1997.
- 90 Shindler, Bruce A. Social Responses to Prescribed Fire, 1995-1997.
- 90 Sollins, Phillip. Stream Temperature Modeling in the Grande Ronde Basin, 1994-1998.
- 90 Stafford, Susan, McIntosh, Bruce. Spring Chinook Habitat Studies in the Grande Ronde Subbasin, 1996-1998.
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- 90 Tucker, Gabriel. Research Silviculture in Conjunction with the Cascade Center for Ecosystem Management,  
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- 90 Verts, Lita J. Special Services Project, 1992-1995.  
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- 90 Arp, Daniel J. Catalytic Mechanism of Hydrogenase from Aerobic Nitrogen-Fixing Micro-organisms, 1990-1991.
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- 90 Larson, Gary. Problem Analysis of Ozette Lake Sockeye Population, 1994-1996.
- 90 Larson, Gary. Inventory and Monitor the Quality of Aquatic Resources (Mt. Rainier National Park), 1994-1995.  
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- 90 Matthews, Christopher. Predoctoral Training in Molecular Virology, 1995.
- 90 Mosbaugh, Dale. Toxicology of Environmental Chemicals, 1995.
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- 91 White, James D. Synthesis of Antitumor Agents Based on Pyrrolizidines, 1994-1995.
- 91 White, James D. Asymmetric 1,4-Addition of Silyllithiums: Fellowship-Scott J. Kemp, 1996-1997.
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- 91 Luna, John M. Western Region Sustainable Agricultural Research and Education Program, 1995-1997
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