Series Outline

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69	Gaines, Lisa, Forest Economy and Business Development: Russia-Forest Economy Training, 1995
	Agricultural Research Foundation
69	Griffith, S.M., Development of an Esterase Protein Elisa for the Purpose of Improving Genetic Purity of Perennial Ryegrass Seed, 1991
69	Righetti, Timothy L., Tree Fruit Research, 1991-1992
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69	Sleight, Arthur W., Exploratory Synthesis Employing Unusual Synthesis Approaches, 1993-1994
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69	Leid, Mark, Induced Conformational States of Retinoid Receptors, 1992-1994
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69	Keszler, Douglas A., Vcrystal Chemistry and Optical Studies of New Solid State Borates, 1992-1995
	American College of Sports Medicine
69	Smith, Gerald A., Musculoskeletal Forces in the Walk-Run Transition of Human Locomotion, 1994-1995
69	Snow-Harter, Christine, Effect of Increased Calcium on Bone Mass in Female Runners, 1994-1995
69	Maddalozzo, G.F. John, and Snow, Christine, Effects of Weight Training on Insulin-Like-Growth Factors, Strength and Bone Density in Adults, 1996
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69	Zabriskie, T. Mark, Fellowship: Wendy Kelly, 1995
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69	Leid, Mark, Induced Conformational States of Peroxisome Proliferator Activated Receptor, 1994-1996
69	Merrill, Gary, and Wing, Jenny Sue, Summer Science Research Fellowship: Jenny Sue Wing, 1996-1997
0,	American Society for Engineering Education
69	McDougal, William, National Defense Science and Engineering Graduate (NDSEG) Fellowship-Diane Lyn Foster, 1991-1992
69	Hudspeth, Robert T., ONR Graduate Fellowship: Cynthia Ann Lowe, 1992-1993
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69	Unsworth, Michael H., Center For Analysis of Environmental Change, 1992-1993
69	Unsworth, Michael, Support for the Center for the Analysis of Environmental Change, 1993-1994
J.	Bechtel-Hanford Inc.
69	Higginbotham, Jack, Stabilization of N-Spring 90Sr and 100 Area Cr 6+ Using Phospatic Materials, 1994-1995
37	Binational Agricultural Research Development Fund
69	Mills, Dallice, Postdoctoral Fellowship Support: Amnon Lichter, 1995-1996
~~	Boise State University
69	Mix, Alan C., California Current Paleoceanography, 1994
69	Prahl, Frederick G., Paleoceanography of the California Margin: Biomarker Analyses, 1994-1995
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69	Wolff, Ernest G., Composite Chain Saw Bar, 1994-1995
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69 Miller, Robert, Sea-Level Response to Wind Forcing in the Tropical Atlantic Ocean, 1995 Consortium for International Development 69 Acker, David, Rajasthan Agricultural University Project: Dr. Robert Witters, 1994 Coquille Indian Tribe 69 Hall, Roberta; Roth, Barbara, Archaeological Testing at Site 35CS3 and Related Surveys, 1995-1996 **Dreyfus Foundation** 69 Ho, P. Shing, A Stereographics Classroom for Teaching Principles of Molecular Structure, 1996 Nibler, Joseph, A Pulsed Laser System for Experiments in Physical Chemistry, 1995 69 Earth Watch Christie, David M., Mapping the Seafloor and Mantle in the Southern Oceans, 1996 69 69 Harmon, Mark, The Role of Russian Forests in the Global Carbon Cycle, 1993-1994 Eastern Washington University Bonnichson, Robson, Paleostudies Associated with Data Recovery Excavations on the Yakima Training Center 69 Expansion Area, 1995-1996 Empire State Electric Energy Research Corporation (ESEERCO) Wilson, James, Wood Pole Strength Prediction by Sonic Techniques - Phase I & II, 1985-1993 69 Wilson, James, Wood Pole Strength Prediction by Sonic Techniques - Phase IV, 1993-1994 69 European Community Studies Association Krause, Joseph, Curriculum Development: The Idea of Europe, 1992-1994 69 FMC Inc. Park, Jae W., Consistent Quality and Least-Cost Surimi Seafoods Using Hydrocolloids, 1993-1994 69 Housing Authority of Clackamas County (Oregon) Erickson, Linda, Project Drug Elimination, 1994-1995 69 Housing Authority of Portland Hosty, Maureen, Youth Sports Program, 1995 69 Idaho - Eastern Oregon Onion Committee Shock, Clinton, Composting of Cull Onion Waste, 1993-1994 69 69 Shock, Clinton, Improved Operations for Drip Irrigated Onions, 1995-1996 Stanger, Charles, Onion Variety Evaluation and Effects of Harvest Treatments on Bulb Storage and Shipping 69 Quality, 1995-1996 Stanger, Charles, Onion Variety Evaluation & Herbicide Control of Annual Broadleaf and Grassy Weeds, 69 1994-1995 Stanger, Charles, Onion Variety Evaluation and Weed Control, 1993-1994 69 Imperial Inc. Mitchell, Alan, Irrigation and Nitrogen Fertility Management of Peppermint, 1994-1995 69 Institute of Nuclear Power Operations Robinson, Alan, A Nuclear Engineering Fellowship, 1995-1996 69 International Paper Anthony, Robert, Survey and Demography of Northern Spotted Owls in the Wolf Creek Denisty Study Area, 69 1996 Inuit Circumpolar Conference 69 Ford, Jesse, Contaminants in Foodwebs of Coastal Arctic Alaska, 1995-1996 ITT Inc. Ball, Daniel, Night Tillage to Reduce Wild Seed Germination, 1994-1995 69 Radosevich, Steven, Night Tillage to Reduce Wild Seed Germination, 1994-1995 69 Jeol USA, Inc. 69 Deinzer, Max, Electron Monochromator-Magnetic Sector Mass Spectrometer Development, 1993-1994 **Kellogg Foundation** Youmans, Russell, Pathways from Poverty: Western Workshop, 1994-1995 69

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Oregon State University Libraries, Special Collections & Archives Research Center

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Research (KISR), 1986-1987

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69	Johnson, Rebecca, Lake County Input-Output Model, 1994-1995
69	Linn-Benton Education Service District Stern, Sam, Develop a Framework for Industry and Engineering Systems, 1994-1995
0)	Lockheed Missiles and Space Co.
69	Boyle, James, Conference Support for Planted Forests: Contributions to Sustainable Societies, Portland, Oregon, 1995
	Medical Research Foundation of OR
69	Bianco, Theresa, Effects of Fish Oils on Insulin Sensitivity in Glucose Intolerance, 1993-1994
69	Brodie, Ann, Dioxin Inhibition of Fat Cell Development, 1994-1995
69	Forsberg, Neil, Molecular Control of Muscle Protease Gene Expression, 1994-1995
69	Hsu, Victor, Heteronuclear NMR Studies of a Viral DNA-condensing Protein Bound to DNA, 1994-1995
69	Schaup, Henry, RNA Analog Antibiotics Targeted on Protein Synthesis, 1994-1995
69	VanHolde, Kensal, Atomic Force Microscopy of Chromatin, 1994-1995
	Mid-Willamette Valley Council of Government
69	Burt, John, Mid-Willamette Valley Council of Governments Regional Strategy, 1993-1995
	Murdock Charitable Trust
69	Chapman, John, Will Global Climate Affect the Biodiversity of Estuaries, 1994-1995
	National Academy of Sciences
69	Leahy, Rita, Effect of Crumb Rubber Modifier on Asphalt Concrete(Engineering), 1993-1996
	National Aeronautics and Space Administration (NASA)
69	Freilich, Michael, Development and Analysis of a Model Function for the ERS-1 C-Band Scatterometer Using
	Operational Numerical Weather Predictions, 1992-1993
	National Dairy Promotion and Research Board
69	Kolbe, Ed, Utilization of Whey Protein Concentrate in Pacific Whiting Surimi, 1992-1994
69	Morrissey, Michael, Utilization of Whey Protein Concentrate in Pacific Whiting Surimi, 1992-1994
69	Penner, Michael, Utilization of Whey Protein Concentrate in Pacific Whiting Surimi, 1992-1994
60	National Intramural Recreational Sports Association
69	Holsberry, Willard, Space and Personal Services for the NIRSA, 1986
69	Field, Cy, Support for Dawn Wright, Geosciences, 1995
6 0	National Oceanic and Atmospheric Administration (NOAA)
69	Langdon, Christopher, Use of the Red Macroalgae Palmaria Mollis in Improving Hatchery Seed Production of Red Abalone, 1994-1996
69	Levy, Gad, The Effects of Tropical Boundary Layer Processes on the Large Scale Tropical Circulation, 1993
69	Mate, Bruce, Whale Habitat and Prey Study: Tagging of Blue and Fin Whales, 1995
69	Weber, Lavern, Administrative Support for NMFS Enforcement Officer FY 94-95, 1994-1995
69	Weber, Lavern, Role of Selected Environmental Study of Walleye Pollock Eggs, 1993-1994
60	National Science Foundation
69	Aldrich, Jane, Affinity Labels for Kappa Opioid receptors, 1991-1994
69	Blaustein, Andrew, CRB: Potential Effects of Ultraviolet Radiation on Amphibian Populations, 1991-1994
69	Boucot, Arthur, Taxonomic Evolutionary Biogeographic & Paleocologic Studies of Silurian-Devonian Brachiopods, 1992-1994
69	Castellano, Michael, Mycorrhizal Fungi of Australasia, 1992-1993
69	Chen, Yongshun, Dynamic Modeling of Three-Dimensional Thermal-Mechanical Interaction of the Ridge-Transform System, 1993-1995
69	Collier, Robert, Modeling the Hydrologic Budget, the Heat Budget and the Circulation of Crater Lake Oregon, 1993
69	Duncan, Robert, Origins of the Ontong Java Plateau SW Pacific: A Geochemical & Stratigraphic Study, 1993-1995
69	Fichter, Eugene, Walking Machine Design Based on Certain Aspects of Arthropod Legs, 1991-1993
69	Fichter, Eugene, Walking Machine Design Based on Certain Aspects of Arthropod Legs, 1994-1995
69	Gardner, John, Microscopic Structure of Bulk and Thin-Film High Temperature Semiconductors, 1991-1992
69	Gardner, John, REU-Microscopic Structure of Bulk & Thin-Film High Temperature Superconductors-PAC Spectroscopy, 1991-1993
69	Garity, Dennis, Mathematical Sciences Number Theory Topology and Population Dynamics, 1993-1994

- 69 Gordon, Louis, Cycling of Biogenic Silicia in the Water Column of the Ross Sea, 1993-1994
- 71 Griffiths, Robert, Oxalate Biogeochemistry of Forest Soil Ectomycorrhizal Mat Communities, 1991-1995
- Hedberg, Kenneth, Structure/Dynamics and Vibrational Potential Functions of Molecules, 1992-1994
- Hixon, Mark, Predation Effects on Survival of Coral-Reef Fish Recruits: Off-Campus, 1993-1994
- 71 Hixon, Mark, Predation Effects on Survival of Coral-Reef Fish Recruits, 1994-1995
- Hixon, Mark, US-Australia Joint Workshop on Coral Reef Fishes, 1995-1996
- Hofmann, Gretchen, Maine Biotechnology Fellowship: Immunochemical Detection of Ubiquitin Conjugates, 1994-1995
- 71 Krane, Kenneth, Oregon State University: Physic Math Summer Youth Camp Early Alert Initiative, 1993-1994
- 71 Leahy, Rita, Effect of Crumb Rubber Modifier on Asphalt Concrete (Engineering), 1993-1996
- Logendran, Rasaratnam, Design and Scheduling of Cellular Manufacturing Systems, 1994-1995
- Manogue, Corinne, The Wave Equation Isn't as Simple as you Thought, 1992
- 71 Merrill, Gary, Conserved DNA Synthesis Gene Transactivators, 1993-1995
- Mix, Alan, Maintenance of Preindustrial Atmospheric Pc01 Levels: Recalibration of Carbon Isotopic Paleobaromete, 1993-1994
- 71 Mix, Alan, Testing Models of Carbon and Oxygen Isotopic Disequilibrium in Planktic Foraminifers, 1993-1995
- Mok, David; Mok, Matchteld, Isolation and Characterization of Genes Encoding Cytokinin Metabolic Enzymes, 1992
- Moore, Larry, Extending the Online Microbial Germplasm Database to Provide a Robust, User-Friendly Interface, 1994-1995
- Moum, Jim, Internal Waves and Mixing in the Upper Equatorial Pacific Ocean, 1992-1994
- Nabelek, John, High Resolution Imaging of the Subducted Slab in Cascadia Convergence Zone Using Teleseismic P Wave, 1992-1994
- Nelson, David, Cycling of Biogenic Silicia in the Water Column of the Ross Sea, 1993-1994
- 71 Nielsen, Roger, Equipment Upgrade for the Electron Microprobe Facility at Oregon State University, 1993-1996
- Niess, Margaret, Teaching Excellence Advancing Math and Science (TEAMS), 1994-1995
- 71 Padman, Laurance, Turbulent Mixing in Barrow Strait, 1993-1994
- 71 Palfrey, Kennard, Mid-Life Refit of R/V Wecoma, 1993
- 71 Pierce, Donald, Some Topics in Generalized Regression Models, 1992
- Pillsbury, R. Dale, Antarctic Circumpolar Current Choke Point Monitoring with Bottom Pressure Gauges, 1990-1992
- Prahl, Frederick G., Search for Direct Evidence of Sulfur Quenching of Biomarker During Early Diageneis-Marine Sediment, 1991-1994
- Quinn, William, Research-Obtain Continuous Record of Southern Oscillation-Related Climatic Activity Back to A.D.622, 1991-1993
- Reiter, William, Operation, Organization, Membership and University Matching: Materials Handling Products and Process Engineering I/UCRC, 1995
- 71 Schreier, Richard, RIA: Fundamentals of Delta-Sigma Modulation, 1992-1995
- 71 Taylor, Barbara J., Development of Sex-specific Neurons, 1992-1996
- 71 Temes, Gabor C., NSF Grant Transfer from University of California, 1991
- 71 Trempy, Janine E., Environmental Stress Response in Bacteria, 1990-1994
- VanHolde, Kensal, Cephalopod Hemocyanins: Structure and Function, 1991-1992
- Vong, Richard J., Measurement of Marine Cloud Droplet Size Distributions and Analysis of Relationships to Chemical Fluxes, CCN Concentration, and Boundary Layer Physics, 1991-1992
- Waymire, Edward C., Collaborative Research: Scaling Theories of Hydrology/Hydraulics/Geometry of River Networks, 1992-1995
- 71 Willis, J. Marcus, Oceanographic Instrumentation, 1993-1995
 - National Starch and Chemical Company
- Park, Jae, Cryoprotective Effects of Selected Starches on Alaska Pollock and Pacific Whiting Surimi, 1994-1995 Nature Conservancy
- McCune, Bruce, Effects of Grazing on Biotic Soil Crust Composition and Cover in High Desert Ecosystems of the Pacific Northwest, 1995-1996
- Wilson, Mark V., Controlling Tall Oatgrass and Woody Plants in Fender's Blue Butterfly Habitats, 1994-1995 Naval Research Laboratory

- 71 Zaneveld, Ronald, Relationship of Light Scattering and Other Optical Properties, 1992-1994 Northwest Area Foundation 71 Cordray, Sheila M., Sustainable Agriculture in Oregon Maritime Region, 1989-1992 Luna, John, Sustainable Agriculture in Oregon Maritime Region, 1989-1993 71 Oak Ridge Associated Universities Selker, John S., High Resolution Observation of NAPL and Water Movement in Bedded Vadose Zones, 71 1992-1993 Office of Community College Services 71 Daugherty, Ronald D., Adult Basic Education 1995 Summer Conference, 1995 Daugherty, Ronald D., Adult Basic Education Staff Development for Professional Development Modules, 71 1994-1995 Daugherty, Ronald D., Oregon Community College Staff Development Grant, 1993-1995 71 Office of Naval Research Craig, A. M., Biotransformation of Hazardous Waste Using Foregut Bacteria from the Bowhead Whale, 71 1993-1995 71 Dillon, Tom, and Padman, Laurence, Arctic Microstructure, 1989-1991 Duncan, Robert, Spatial and Temporal Distribution of Hydrothermal Alteration in Oceanic Crust, 1989-1991 71 McFadden, Philip N., Toward Optically Monitored Cytosensors, 1995 71 Yim, Solomon C., A Third Workshop on Reliability of Nonlinear Ocean Structures Under Stochastic Excitation, 71 1994-1995 71 Yim, Solomon C., Validation of Stochastic and Chaotic Motions of Ocean Systems: ASSERT Program, 1992-1994 Zaneveld, Ronald, Optical Properties of Sea Ice: Quantification of Optical Variability Induced by Dissolved, 71 1992-1995 Ohio State University Foundation Jenkins, Jeffrey, The Pestcontrol Benefits Assessment Model: A Guide to SLRs, 1995-1996 71 Oregon Advanced Computing Institute 71 Rudd, W. G., Participation in OACIS, 1990-1991 Oregon Alcohol and Drug Abuse Programs 71 Jarvis, Debra J., Oregon Teen Leadership Institute, 1993-1995 Oregon Arts Commission 71 Helle, Anita, Teaching the Oregon Literature Series, 1994-1995 Oregon Building Codes Agency 71 Philbrick, David A., Manufactured Home Installation Survey, 1993-1995 Oregon Commission on Children and Families 71 D'Ambrosio, Bruce, Initial Prototype of a Statewide Comprehensive Tracking System, 1995 Pratt, Clara, Comparison Data: HB 2008 Evaluation, 1994-1995 71 Pratt, Clara C., HB 2008 Health Start: Training, Technical Assistance and Statewide Evaluation, 1994-1995 71 Oregon Department of Agriculture Bohle, Mylen, Hay and Pasture N Fertilizer Rates to Reduce Potential Ground and Surface Water Pollution in 71 Central Oregon, 1992-1994 Carroll, Diane, Incorporation of Grass Straw Nuggets into Dairy Heifer Diets, 1993-1995 71 Hibbs, David E., Hybrid Poplar Production for Willamette Valley Rye Grass Sites, 1993-1995 71 Karow, Russell S., Assessment of Commercial Wild Rice Production in Western Oregon, 1992-1993 71 Karow, Russell S., On-Farm Evaluation of the Nitrogen Requirements of Winter Wheat Grown in Various 71 Rotations in Western Oregon, 1994-1995 Karow, Russell S., On-Farm Evaluation of Nitrogen Requirements of Winter Wheat Grown in Various Rotations 71 in Western Oregon, 1995-1996
- 71 Tinsley, Ian, PCNB Residues in Kale Sethoxydim Residues in Fescue, 1994-1995 Oregon Department of Education

Knapp, Steven J., Fiber and Oil Crops for Diversifying Oregon Agriculture, 1994-1995

Simonsen, John, Advanced Thermoplastic Composite Materials from Oregon's Indigenous Raw Materials,

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71	Dunham, Daniel B., Continuing Professional Development Program for Educators on Planning for Implementation of the Certificate of Advanced Mastery (CPD: CAM), 1995
71	Haverson, Wayne W., 21st Century Schools, 1994-1995
71	Orzech, Miriam, Support for the SMILE Program High School Challenge Weekend, 1996
71	Sorte, Joanne B., Oregon Pre-kindergarten Program (OPP), 1995-1996
	Oregon Department of Energy
71	Higginbotham, Jack, Development of an Agricultural Database for Response to Radiological Emergencies: Provide Services to Oregon State Health Division, 1994-1995
71	Higginbotham, Jack, Development of an Agricultural Database for Response to Radiological Emergencies: Review, 1994-1995
71	Philbrick, David, In-Plant Education Project, 1994-1995
71	Philbrick, David, Various Projects Related to Extension Energy, 1993-1994
71	Philbrick, David, Various Projects Related to Extension Energy, 1993-1995
	Oregon Department of Environmental Quality
71	Shock, Clinton, ON FARM Implementation of Lower N Fertilizer Inputs through N Accounting and Validation
, -	of Organic, 1995-1996
71	Williamson, Kenneth, Review of Lower Columbia River Bi-State Water Quality Program Documents, 1994-1995
, 1	Oregon Department of Fish and Wildlife
71	Anthony, Robert, Habitat Preferences of Roosevelt Elk and the Influence of Road Closures on Elk Habitat Use, 1990-1996
71	Osis, Vicki, Rocky Intertidal Interpretation, 1995
71	Ripple, William, Ecosystem Inventory Monitoring and Mapping, 1993-1995
/ 1	Oregon Department of Forestry
71	Anthony, Robert, Inventory and Demography for Spotted Owls on State-owned Forest Lands, 1995
71	Johnson, Rebecca, Socioeconomic Analysis, 1994-1995
71	Newton, Michael, Water Temperature and Sediment Responses to Silvicultural Practices, 1994-1995
, 1	Oregon Department of Housing and Community Services
71	Philbrick, David, LI HEAP Leaveraging Report, 1995
, 1	Oregon Department of Land Conservation and Development
71	DeYoung, Bruce, Testing and Evaluating A New Outreach Tool: OPACnet, 1994-1995
71	Pease, James, Shortcourse on Protecting Stream Corridors, 1995
, 1	Oregon Department of Transportation
71	Bell, Christopher, Evaluation of Triple-Trailer Truck Operation, 1994-1995
71	Dickenson, Stephen, Liquefaction-Induced Damage to bridge Foundations, 1994-1996
71	Hicks, R G, Establishment of QC/QA Procedures for Open Graded Mixtures, 1995-1996
72	Koretsky, Milo, Effect of Chloride Ion Migration on the Cathodic Protection of Reinforced Concrete Structures.
12	1994-1995
72	Koretsky, Milo, Evaluation of the Ingress of De-Icing Salts into Concrete, 1995-1996
72	Layton, Robert, Access Management Policies, Standards and Guidelines Development, 1994-1995
72	Layton, Robert, Local Engineering Assistance, 1994-1995
12	Oregon Division of State Lands
72	Williamson, Ken, Salmon Habitat Study: Gravel Removal, Salmon Habitat, & Stream "Health", 1994
12	Oregon Economic Development Department
72	Reed, Gary, Value Added Crops Research, 1992-1994
12	Oregon Governor's Watershed Enhancement Board
72	Topielec, Rich, Grande Ronde Watershed Irrigation Management Education, 1994-1995
12	Oregon Natural Heritage Program (Nature Conservancy)
72	Lattin, John, Review of Federal Candidate Category 2 Species of Oregon Arthropods, 1994-1995
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72	Oregon Parks and Recreation Division Johnson, Rebecca, Assessing the Economic Impacts of Outdoor Recreation in Oregon, 1994
12	
72	Oregon State Library Butcher Karyla, Oragon Pafaranca Link: Design Plan, 1994, 1995
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	Oregon State Luttery

- Ossiander, Mina, Expected Returns, 1995-1996
 - Oregon State System of Higher Education
 - Erickson, Dianne, Enhancing the Mid-Level Math Teacher Expertise Using Distance Education, 1994-1995
- 72 Lederman, Norman G., Enhancing Mid-Level Science Teacher Expertise, 1993-1995
- Niess, Margaret, Distance Learning Applications: Exploring Our Oceans, Throughout Oregon, 1995-1996
- Orzech, Miriam W., SMILE Program Teacher Training Workshops: Integrated Math/Science Training for Teachers of Minority Students, 1994-1995
- Osis, Vicki, Environmental Exploration: An Interinstitutional Training Program for Elementary Teachers, 1994-1995
 - Oregon State University Foundation
- 72 Cordova, Mario, Academic Support Within Upward Bound, 1987
- White, James, Secretarial Support and General Operating Costs to Produce the PACS Journal of American Society of Chemists. Cost to be Reimbursed by OSU Foundation Monthly, 1989
 - Oregon Trawl Commission

- Sampson, David R., Effective Fishing Effort in the Oregon Groundfish Trawl Fishery, 1994-1996
 - Oregon Water Resources Department
- Sheehy, Dennis P., OSU-BCC Allotment Management Systems Development and Habitat Improvement, 1995 Partners for International Education and Training
- Gaines, Lisa, Environmental Monitoring and Control of Pollutants, 1995
- Gaines, Lisa, and Miner, Ron, Environmental Protection: Albania, 1995
- Gaines, Lisa, Ghana: Trade and Quality Assurance of Seafood and Agricultural Products, 1995
 Peace Corps
- Gregory, Shirley, 1994-95 Strategy Contract, 1993-1995
 - Gustavus and Louis Pfeiffer Research Foundation
- Parrott, Keith A., Administration of Malatonin to Human Volunteers: A Unique Approach, 1989-1992 Pioneer Hi-Bred International Inc.
- Knapp, Steven J., Genetic Modification of Fatty Acid Composition of Sunflower-N2 Line Production, 1995-1996
 M. J. Plackett and Associates
- Cook, Curtis R., Develop and Test Cargo Transfer Rate Prediction Model, 1994-1995
- Portland Community College
- 72 Stiehl, Ruth, Faculty Consultation with Portland Community College, 1995
 - Portland General Electric
- Jackson, Philip L., Bioenvironmental Monitoring of Boardman Coal-Fired Powerplant and Vicinity Utilizing Remote Sensing, 1995-1996
- Jackson, Philip L., Environmental Change Detector Utilizing Aerial Photography in the Vicinity of the Proposed Coyote Springs Power Plant, 1994-1995
- Jackson, Philip L., Detection of Environmental Change: Trojan Power Plant Vicinity, 1995-1996 Purdue University
- Acker, David, Feasibility Studies on the Cultivation of the Cameroon Plant, Ancistrocladus Korupenis, 1993-1994
 - Royal Proteins, Inc.
- Park, Jae, Whey Protein Texturizer as a Functional Gelling Ingredient for Surimi-based Crabmeat, 1995-1996 Sandia National Laboratories
- 72 Istok, Jonathan D., Decision Analysis for Waste Site Characterization, 1993
- Selker, John S., Characterization of TDR Water Content Measurement Performance in Saline Environments, 1994-1995
 - Schlumberger, Inc.
- 72 Development of Mechanical Design Process Understanding, 1987-1988
 - Serco Education Limited
- Acker, David, Training Proposal for One FTVE Fellow C4: Education Staff, 1995
 - Society of Manufacturing Engineering
- 72 Burhanuddin, Sheikh, Tooling Laboratory Development, 1995-1996
 - South Florida Water Management District

- Sedell, James R., Historical Geomorphic Conditions in the Kissimmee River for Consideration in Channel Restoration, 1994-1995
 - Southern Appalachian Mountains Initiative
- Herllihy, Alan, and Kaufmann, Phil, Assessing the Effects of Acidic Deposition on Surface Waters in the Southern Appalachians with a Special Focus on Class I Wilderness Areas, 1995-1996 Stanford University
- Arp, Daniel, Modeling Studies for Optimizing In-situ Bioremediation and Laboratory Testing, 1994-1995
- Semprini, Lewis, Modeling Studies for Optimizing In-situ Bioremediation and Laboratory Testing, 1994-1995 Texas A & M Research Foundation
- Duncan, Robert A., Leg 152 East Greenland Margin, 1993
- Fisk, Martin R., Texas A & M Research Foundation Ocean Drilling Program Leg 148, 1992-1993
- Mix, Alan C., ODP Leg 154 Ceara Rise: Sara Harris, 1994-1995
- Ortiz, Joseph D., Participation on Scientific Cruise: Leg 162-Atlantic Arctic Gateways II, 1994-1995
- Roseburg, Richard J., Agronomic Production Requirements of Lesquerella as a Source of Hydroxy, 1993-1994 Tillamook County
 - Fuchigami, L. H., Methane Energy and Agricultural Development, 1993-1994
- Pratt, Clara, Development and Training on Oregon's Child and Family Benchmarks, 1995
 - U.S. Army Corps of Engineers

- Brauner, David R., Archaeological Collections Removed from Lands Belonging to the U.S. Army Corps of Engineers, 1994-1995
- 72 Brauner, David, NAGPRA Data Base, 1995
- Malouf, Robert, North Pacific Coastal Ocean Monitoring Program: IPA-David McGehee, U.S. Army, 1995-1996
- Seim, Wayne K., Studies of Mercury Concentration in Sediment and Water at Cottage Grove Reservoir, 1993-1995
- 72 Sollitt, Charles K., Directional Wave Modeling of a Rapidly Implaced Breakwater, 1995 U.S. Department of Agriculture
- Buhler, Donald R., Toxicocity of Pyrrolizidine Alkaloids in Liver Slices from Cattle and Sheep, 1994-1995
- Carroll, Diane and Hu, Ching Yuan, Ability of Phosphoenolpyruvate Carboxykinase (PEPCK) to Predict Ketosis Susceptibility in High Producing Cows, 1994-1995
- 72 Chen, Tony H. H., Physiology and Molecular Biology of Poplar Bark Storage Proteins, 1992
- Davis, Steven, Does Thymulin Treatment Reduce the Incidence of Stress Related Disease, in Sheep, 1994-1995
- Dougherty, William G., Application of Pathogen Derived Resistance to Develop Potatoes Immune to PVY Infection, 1991-1993
- Dougherty, William G., A Plus Sense RNA-Based Virus Resistance Strategy, 1991-1993
- Dreher, Theo W., Studies on Plant Viral Genes Necessary for RNA Replication, 1992-1994
- Fryer, John, and Bartholomew, Jerri, Identification of Intermediate Host of the Salmonid Parasite Ceratomyxa shasta Using Genetic Probes, 1994-1995
- Gaines, Lisa, Management of Agricultural Research Study Tour, 1995
- Hays, John B., Growth and DNA-Damage Responses of Arabidopsis and Crop Plants to UV-B Light, 1992-1995
- 72 Holtan, Don, Progestins in Late-Gestation Mares with Pregnancy Complications, 1994-1995
- Johnson, Kenneth B., Biology and Epidemiology of Eastern Filbert Blight, 1992-1997
- Knapp, Steven J., A Genetic Map of Cuphea: Fatty Acid Synthesis Loci and Transposable Elements, 1991-1994
- 72 Knapp, Steven J., Software for Mapping Genetic Markers and Quantitative Trait Loci, 1992-1995
- Koong, Ling-Jung, India Plant Genetics Resources, 1990-1994
- Miner, J. Ronald, Post-Project Analysis of the Tillamook Rural Clean Water Project, 1993-1994
- Moore, James A., Monitor Constructed Wetlands Treating Dairy Wastewater, 1992-1993
- 72 Newton, Michael, Colonization and Utilization of Bedrock by Mediterranean Sclerophyll Forests, 1991-1994
- Perry, Gregory, Resulating Movement of Nitrates into Groundwater: An Aggregate Economic Analysis, 1992-1994
- Reed, A. Scott, Strengthening Institutional Capacity of the OSU Extension Service in Global Environment Extension, 1993-1994
- Rohovec, John S., Purification and Detection of the Virus Causing EIBD, 1992-1994
- Rohrmann, George F., Construction of a Functional Map of the LdMNPV Genome, 1991-1994
- Selker, John S., Development and Testing of Wick Lysimeters, 1991-1994

- Simonsen, John, Enhancing Wood Treatment via Sonification, 1992-1994
- Sugar, David, Integration of Cultural and Biological Methods for Control of Post-harvest Decay in Pears, 1992-1994
- Taylor, George H., Develop Precipitation Mapping Techniques, 1993-1994
- Taylor, George, Create Precipitation Maps, 1995-1996
- Taylor, George, Proposal to Produce Monthly State Precipitation Maps, 1994-1995
- Vavra, Martin, Research Support of Mutual Interest, 1994-1995
- USDA Forest Service
- 72 Brown, Perry, Public values of Forests and Natural Resources, 1992-1993
- 72 Christie, David, Obsidian Studies in Newberry National Volcanic Monument, 1994-1995
- Cromack, Kermit, Integrative Forest Ecosystem Research on Physiological Effects of Prescribed Burning in Central Oregon, 1991-1994
- Edge, Daniel, Pine Marten Habitat Relationships, 1994-1995
- Filip, Greg, Effects of Silvicultural Practices on Forest Productivity and Protection in the Blue Mountains, 1993-1994
- Garman, Steven, Interagency Ecological Research Program, 1993-1994
- Gartner, Barbara, Effects of Tree Family and Spacing on Radial Variation in Wood Properties: Phase 1, 1993-1994
- Gregory, Stanley, Influence of Landscape Patterns-Land Use on Aquatic Ecosystems-Development of Multi-Basin Comparison, 1991-1992
- Hansen, Everett, Alternatives to Chemical Fumigation in Control of Fusarium Root Rot, 1990-1994
- Hansen, Everett, Characterization of Trichoderma spp and Potential for Biological Control of Laminated Root Rot, 1993
- Harmon, M E, The Response of Pacific Northwest Forests to Global Climate Change, 1990-1992
- Ingham, Elaine, Impact-Belowground Biodiversity Associated-Apply Fumigants Live Trees-Control Laminated Root Rot, 1991-1993
- Jensen, Edward, Wildflower Education, 1994
- Jones, Julia, Analysis of Fiore and Windthrow Disturbance in Bull Run Watershed Northern Oregon, 1992-1993
- Kauffman, Boone, Quantification of Carbon Dynamics, Forest Biomass, Nutrient Pools, and Consumption by Fire in Amazon, 1993-1994
- 72 Krueger, William, Conditioning Bluebunch Wheatgrass on Elk Winter Rangeland, 1992-1994
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Washington Barley Commission

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Washington State Energy Office

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Washington State University

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Reyes, Jose, Westinghouse Engineering Support OSU AP600 Project, 1993-1994

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Series III. Subcontracts, 1989-1994

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Oregon Regional Primate Research Center

Joint HVAC Transmission E/MF Environmental Study-Phase II (U.S. Department of Energy/Bonneville Power Administration to Fred Stormshak), 1991-1993

Portland State University

Joint HVAC Transmission E/MF Environmental Study, Phases I-III (U.S. Department of Energy/Bonneville Power Administration to Fred Stormshak), 1989-1994

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 University of Oregon
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- The Oregon Massachusetts Biotechnology Partnership (USDA Cooperative State Research Service to Russel H. Meints), 1992-1994
 - Washington State University
- Regulating Movement of Nitrates into Groundwater: An Aggregate Economic Analysis (USDA Cooperative State Research Service to Gregory Perry), 1992-1994