

## **Series Outline**

Series I. Funded Grant Proposal Records, 1988-1999

Series III. Subcontracts, 1990-1997

## Detailed Description of the Collection

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- 79 Evans, Thomas P., Oregon Junior Sciences and Humanities Symposium, 1996
- Agency for International Development
- 79 Bolte, John, Status Report on Pondclass Translations, 1995-1996
- 79 Egna, H., Pond Dynamics/Aquaculture Collaborative Research Support Program, 1990
- Agricultural Research Foundation
- 79 Daley, Larry S., Root Weevil Research, 1993-1995
- 79 Kronstad, Warren E., Club Wheat Research, 1993-1995
- 79 Moore, L. W., Nursery Stock Disease Research, 1988-1997
- 79 Morrissey, Michael; Kolbe, Edward; Sylvia, Gilbert; Tuna Research, 1996-1997
- 79 Westigard, P.H., A Selective Control Program for Anthropod Pear Pest, 1988-1994
- 79 Young, William, Grass Seed Research, 1991-1993
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- 79 Burton, Robert, Topics in Stochastics, Symbolic Dynamics and Neural Networks, 1993-1994
- 79 Sleight, Arthur, New Materials at the Metal-Insulator Boundary, 1994-1995
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- 79 Winograd, Kenneth, Oregon Goals 2000 Subgrant, 1995-1997
- Alternative Research and Development Foundation
- 79 Heidel, Jerry R., Continued Development of an Alternative to Using Mice for Monoclonal Antibody Production, 1994-1995
- American Assoc. For Retired Persons
- 79 Snow-Harter, Christine, Effects of Resistance Exercise on Mental Health and Hip Fracture Risk in Older Women, 1994-1996
- American Cancer Society
- 79 Leid, Mark, Induced Conformational States of Retinoid Receptors, 1995-1996
- American Chemical Society
- 79 Simoneit, Bernd R., Characterization of Organometallic Complexes in Hydrothermal
- American College of Sports Medicine
- 79 Harter, Rod, The Effect of Calcium Channel Blockers on Exercise-Induced Muscle Damage, 1995-1996
- American Meteorological Society
- 79 Coakley, James, Editorial Assistant and Office Support-Journal of Climate, 1995-1996
- American Water Works Foundation
- 79 Harding, Anna K., Factors Affecting Risk Perception about Drinking Water and Response to Public Notification, 1996-1997
- Elizabeth Arden Corp.
- 79 MacEvilly, Conor, Keratinocyte Research Project, 1996
- Battelle Pacific Northwest Laboratories
- 79 Higley, Kathryn, Testing of the GENII computer Code, 1997
- 79 Robinson, Alan H., Research Fellowships, 1995
- CalBioMarine Technologies, Inc./PHS
- 79 Gerwick, William, Bioactive Compounds from Thermophilic Cyanobacteria, 1995-1996
- Caribbean Marine Research Center/NOAA
- 79 Hixion, Mark, Recruitment and Population Dynamics of Coral-Reef Fishes: A Multifactorial Analysis, 1995-1997
- Champion Jogbra Inc.
- 79 Smith, Gerald A., A Kinematic Analysis of Breast Motion Control of Sports Bra Designs, 1995-1996
- Chevron Research and Technology

- 79 Istok, Jonathan, Enhanced Insitu BTEX Degradation in Aquifers, 1993-1994  
CH2M Hill
- 79 Higginbotham, Jack F., Feasibility Study of Sr-90 Stabilization at West Valley Nuclear Site Using Soluble Phosphatic Materials, 1996  
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- 79 Erickson, Linda P., Project Drug Elimination: A Multi-Agency Project, 1996  
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- 79 Richards, Leslie, Oregon Even Start: A Proposed Evaluation of 1995/1996 Programs, 1995-1996
- 79 Richards, Leslie, Oregon Even Start: A Proposed Evaluation of 1994/1995 Programs, 1994-1995  
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- 79 Fitzpatrick, Martin, and Li, Hiram, Pacific Lamprey Research and Restoration Project, 1996-1997  
Consortium for International Development
- 79 Adams, W. Thomas, Ministry of Forestry Training Program Eastern Anatolia Watershed Rehabilitation Project  
In-situ Conservation of Genetic Diversity, 1995-1998  
Consortium for International Fisheries and Aquaculture Development (CIFAD)
- 79 Egna, Hillary, Pond Dynamics, 1990  
Corporation for Public Broadcasting
- 79 Sayre, Henry, A World of Art, 1994-1997  
Corvallis School District
- 79 Harter, Rod A., Cooperative Program Funding: Oregon State University Graduate Program in Sports Medicine and the Corvallis 509-J School District, 1996
- 79 McCubbin, Jeff, Cooperative Program Funding Between the OSU Movement Studies in Disability Program and the Corvallis 509J School District, 1995-1996  
Dairy Management Inc.
- 79 Geller, Bruce, Technology Transfer of the Pip Bacteriophage Resistance Gene, 1995-1996  
Degussa Corporation
- 79 Morrell, Jeff, An Evaluation of VDL as a potential wood fumigant, 1996-1997  
Development Alternatives, Inc.
- 79 Kolodziej, Terrie, Regional Agribusiness Project Training, 1997  
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- 79 Gordon, Louis, Nutrient Analysis, 1995  
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- 79 Winograd, Ken, Oregon Goals 2000, 1995-1996
- 79 Winograd, Ken, Oregon Goals 2000 Subgrant, 1996-1997  
Earth Watch
- 79 Mason, Robert T., Behavioral Ecology & Reproductive Biology of Red-Sided Garter Snakes from the Interlake Region of Manitoba, Canada, 1995-1998  
Electric Power Research Institute
- 79 Mohler, Ronald R., Intelligent Control of Complex Nonlinear Systems with Electric Power Applications, 1993-1995
- 79 Wallace, Alan, EPRI Center in Oregon State University for Motor and Drive Research, 1993-1994
- 79 Wallace, Alan, Interim Operational Funding for the Motor System Resource Facility, 1996  
Electronics and Telecommunications Research Institute
- 79 Minoura, Toshimi, Distributed Structural Active-Object System, 1994-1996  
Empire State Electric Energy Research Corp.
- 79 Morrell, Jeff, Improving the Performance of Wooden Transmission Poles, 1993-1996  
FNA Proteins, Inc.
- 79 Park, Jae W., Liquid Bovine Plasma Protein as a Functional Ingredient for Surimi and Surimi Seafood, 1995  
Fondo de Investigacion Sanitaria (Spain)
- 79 Selivonchick, Daniel P., Laboratory Production of Aniline Denatured Low Erucic Acid Oils and the Effects of Time and Temperature on the Refined Oils, 1993-1994  
Geomar Stiftung Fur Marine Geowissenschaften
- 79 Collier, Robert, Charter of ZAPS Instrument for HYDROTRACE, 1996  
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- 79 Fuchigami, Les, Regulating Plant Growth and Water Loss in Container Flowering & Bedding Plants, 1995-1996  
Good Samaritan Hospital Foundation
- 79 Snow, Christine, Effects of Resistance and Plyometric Training on Bone Mineral Density in Adolescent Females, 1995-1996
- 79 van der Mars, Hans, Instructional Variables and Children's Physical Activity Levels During Fitness Instruction, 1995-1996  
BF Goodrich, Inc.
- 79 Mohler, Ron, Adaptive Software Techniques for Liquid Measurement, 1996  
Hardman Foundation and Hoover Trust
- 79 Liston, Aaron, Study of Red Fesque, 1992-1993  
Healthcomm International Inc.
- 79 Merrill, Gary F., Detoxification Gene Inducibility, 1996  
Hewlett Packard Research Labs
- 79 Beaumariage, Terrence G., Corvallis Factory Master Scheduling Process Implementation and Application Integration, 1996-1997
- 79 Rasaratnam, Logendran, Quantifying Relationships between the Measures Characterizing Product Design for Manufacturability/Assemble (DFMA) and Product Development Project Success (PDPS) to Facilitate Design Decisions, 1996
- 79 Seely, Justus, Statistical Services, 1997
- 79 Rossignol, Annette, Occupational Exposure Assessment of Vacuum Pump Maintenance Technicians in Semiconductor Manufacturing, 1996-1997  
Housing Authority of Portland
- 79 Hosty, Maureen, HAP Youth Sports Program, 1995-1996  
Housing Authority of Clackamas County (Oregon)
- 79 Erickson, Linda P., Project Drug Elimination: A Multi-Agency Project, 1995-1996  
Institute for Paper Science and Technology
- 79 Frederick, W.J., Combustion, Emission and Particle Deposition in Black liquor Combustion: Experimental Measurements and Modeling, 1991-1997  
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- 79 Beaumariage, Terrence, Slitting Process and Paper Roll Handling Simulation, 1996  
International Bank for Reconstruction and Development
- 79 Paterson, Mary A., Healthcare Financial Management Training in North Vietnam, 1996  
International Textile and Apparel Association
- 79 Burns, Leslie Davis, Apparel Descriptions in Catalogs and Perceived Risk Associated with Catalog Purchases, 1995-1996  
Jet Propulsion Laboratory
- 79 Freilich, Michael A., Characteristics of Wind Fields Derived From Stickscat and Co-Orbiting ESA Scaterometers, 1992-1994  
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- 80 Dutson, Thayne, Food Systems Professions Education Initiative, 1994-1995
- 80 Castle, Emery, National Rural Studies Committee, 1992-1995  
Komatsu Electronic Metals Company
- 80 Van Vechten, James A., Prove the Principle of the "Concrete Solar Cell", 1994
- 80 Wolff, Ernest, Prove the Principle of the "Concrete Solar Cell", 1994  
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- 80 Stern, Sam, Analysis and Assessment of Region 4 School-to-work Program, 1995-1997  
Mallinkrodt Medical Inc.
- 80 McGuire, Joseph, Protein Antimicrobial Barriers to Bacterial Adhesion, 1997
- 80 Bower, Cindy, Protein Antimicrobial Barriers to Bacterial Adhesion, 1997
- 80 Daeschel, Mark, Protein Antimicrobial Barriers to Bacterial Adhesion, 1997  
Matsushita Electronic Materials, Inc.
- 80 Randhawa, Sabah, Simulation Analysis of Copper-clad Lamination Process at Matsushita Electronic Materials, 1997  
Medical Research Foundation of Oregon

- 80 Mathews, Christopher, Protein-Protein Interactions in DNA Precursor Biosynthesis, 1996-1997
- 80 McGuire, Joseph, Potential of the Antimicrobial Peptide Nisin in Drug Formulation, 1996-1997
- 80 Trempy, Janine E., Selective Degradation of a Protein that Regulates Cellular Response to Environmental Stress, 1995-1996
- Mellon, Andrew Foundation
- 80 Holman, Robert, The Behavior of Natural Beaches, 1994-1997
- 80 Lubchenco, Jane, Marine Ecosystem Dynamics: Planning for Comparisons of North and South America, 1996-1997
- Mid-Willamette Valley Council of Governments
- 80 Jackson, Philip L., Salem/Keizer Metro Area Land Use Inventory, 1997
- 80 Gaston, Gregory G., Salem/Keizer Metro Area Land Use Inventory, 1997
- Montana State University
- 80 Wallin, David, Landscape Patterns and Avian Diversity, 1994-1996
- 80 Cohen, Warren B., Land-Use and Wildfire Effects on Landscape, 1996-1997
- 80 Wysocki, Donald, Comparison of Harvesting Techniques on Grain and Oil Yield of Spring and Winter Canola, 1996-1997
- Morris Animal Foundation
- 80 VanSaun, Robert, Vitamin D Deficiency Induced Hypophosphatemic Rickets in Camelids, 1995-1996
- 80 Smith, Bradford, Vitamin D Deficiency Induced Hypophosphatemic Rickets in Camelids, 1995-1996
- Mote Marine Laboratory
- 80 Berkeley, Steven A., Reduction of Bluefin Tuna and Undersize Swordfish Bycatch in Atlantic Longline Fisheries, 1994-1996
- National Aeronautics and Space Administration (NASA)
- 80 Barnes, Jeffrey R., Waves and Instability in the Atmosphere of Mars, 1992-1994
- 80 Barnes, Jeffrey R., Numerical Simulation of the Martian Atmosphere, 1992-1993
- 80 Chelton, Dudley, Observations and Modeling of the Transient General Circulation of the Pacific Ocean, 1996-1997
- 80 Caldwell, Douglas R., National Space Grant College and Fellowship Program, 1992-1995
- 80 Freilich, Michael, Investigations of Directly Wind Forced Mesoscale Oceanic Variability Using Remotely Sensed Data: Fellowship: Jeffrey Pasdalski, 1994-1997
- 80 Funk II, Kenneth H., An Agent-Based Cockpit Task Management System, 1993-1994
- 80 Hart, Roger, National Space Grant College and Fellowship Program: Community College Science Laboratories for Distant Learning, 1995-1996
- 80 Kauffman, J. Boone, Biomass and Nutrient Dynamics in Perturbed Ecosystems of Rondonia, Brazil and Los Tuxtlas, Mexico, 1994-1996
- 80 Klein, Andrew C., National Space Grant College and Fellowship Program: Continuation Proposal for the Oregon Space Grant Program, 1995-1996
- 80 Levy, Gad, Analysis of RADARSAT's C-Band Synthetic Aperture Radar (SAR) Data for Identification of PBL Roll Signature, 1996-1999
- 80 Lomax, Terri L., Analysis of Lazy-2 Gravitropic Response Mutant of Tomato, 1993-1994
- 80 Villanueva, Valiant J., Cellular Automata Theory Applied to Watershed Analyses and Restoration: Fellowship, 1994-1995
- 80 Sherr, Barry, Cycling of DMSP and DMS in Surface Ocean Waters: The Impact of Microzooplankton Grazing and Metabolism, 1993
- 80 Sherr, Evelyn, Cycling of DMSP and DMS in Surface Ocean Waters: The Impact of Microzooplankton Grazing and Metabolism, 1993
- 80 Waymire, Edward C., Collaborative Research: Scaling Theories of 3-D Geometry and Flows of River Networks, 1995-1998
- 80 Zaneveld, J. Ronald V., A Study of the Inherent Optical Properties in Relation to Remotely Sensed Radiance, 1993-1996
- National Association of Animal Breeders
- 80 Menino, Alfred R., Embryonic Plasminogen Activator Production as an Indicator of a Sire's Ability to Generate Embryos with a High Likelihood of Pregnancy Establishment, 1995-1996
- National Center for Integrated Bioremediation Research and Development/EPA

- 80 Hyman, M. R., New Method for In-situ Measurement of Microbial Metabolic Activity, 1995-1997
- 80 Istok, Jack, New Method for In-situ Measurement of Microbial Metabolic Activity, 1995-1997  
National Coastal Research Resources and Development Institute
- 80 Morrissey, Michael T., Alternative Products from Pacific Whiting, 1993-1994  
National Council of the Paper Industry for Air and Stream Improvement, Inc.
- 80 Adams, Paul W., Effects of Timber Harvest on Riparian Zone Functions for Aquatic and Wildlife Habitat, 1995-1997
- 80 Meslow, E. Charles, Northern Goshawk Habitat Analysis in Managed Forest Landscapes, 1994-1996  
National Dairy Promotion and Research Board
- 80 Bakalinsky, Alan T., Isolation of Antimutagenic Compounds from Yogurt, 1994-1996
- 80 Geller, Bruce L., Nisin Secretion, 1993-1995
- 80 Giovannoni, Stephen J., Probes for Conserved 16S Ribosomal RNA (rRNA) Gene Sequences Isolate Lactococcus Cremoris from Nature, 1989-1995  
National Easter Seal Society
- 80 Hunter-Zaworski, Kate, Demonstration of the Oregon State University Securement System for Wheeled Mobility Aids on Public Transportation Vehicles, 1995-1996  
National Endowment for the Humanities
- 80 Husband, William B., "Godless Communists": Atheism in State and Society in Soviet Russia, 1917-1932, 1996-1997
- 80 Verzasconi, Ray, Foreign Language in the OSU International Degree Program, 1992  
National Oceanic and Atmospheric Administration
- 80 Gordon, Louis I., Trident-Heat Flux and Water Mass Ventilation within the Subtropical N. Atlantic: Processes and Variability Deduced from Simultaneous Use of Biogeochemical and Physical Data, 1994-1996
- 80 Malouf, Robert E.; Chapman, John; Oregon Sea Grant Research Plan, 1997-1999
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- 80 Miller, Robert N., Optimal Data Assimilation Techniques for Coupled Models of the Tropical Ocean/Atmosphere, 1994-1997
- 80 Percy, William, Ocean Ecology of North Pacific Salmonids, 1994-1995
- 80 Pillsbury, R. Dale, WOCE Current Meter Data Assembly Center, 1995-1998
- 80 Reno, Paul W.; Olson, Robert; Weber, Lavern; Prevalence of Microbial and Parasitic Infections in Juvenile Salmon from Selected Oregon Estuaries, 1996-1997
- 80 Sampson, David, The Stability of Demersal Fish Communities and its Relationship to Environmental Stability, 1996-1997
- 80 Sampson, David, Estimates of Effective Fishing Effort for the West Groundfish Trawl Fishery: Off Campus, 1994-1995
- 80 Sampson, David, Estimates of Effective Fishing Effort for the West Groundfish Trawl Fishery, 1994-1995  
National Science Foundation
- 80 Abbott, Mark, IAI Workshop: Cooperative Pelagic Ecosystem Studies between the Chilean and Hawaii Ocean Time-Series: Initial Phase, 1995-1997
- 80 Beatty, Joseph J., REU: Ecosystem Studies at the H.J. Andrews Experimental Forest, 1992-1994
- 80 Bradshaw, Gay A., Inter-American Institute Program for Temperate Terrestrial Ecology: Workshops to Develop Scientific and Implementation Plans, 1993-1995
- 80 Burnett, Margaret, Toward Scaling Up: Visual Data Abstraction for Declarative Visual Programming Languages - RIA, 1993-1996
- 80 Chen, Yongshun J., A Geophysical Investigation of the Shona Geochemical Anomaly, Mid-Atlantic Ridge: 50' 30' - 50' 30' S, 1994-1997
- 80 Clark, Peter, Cosmogenic Nuclide Chronology of Weathering Zones and Ice Sheets Limits in Northern Labrador: A Pilot Study, 1995-1997
- 81 Coakley, Stella M.; Soeldner, Alfred, Scanning Electron Microscope Upgrade to Field Emission with Xray Spectrometry, 1995-1996
- 81 Coakley, Stella, Aquisition of Field Emission Scanning Electron Microscope, 1994-1997
- 81 Collier, Robert; Klinkhammer, Gary, Collaborative Research: Rapid Response to Gorda Ridge Diking/Eruptive Event: Intense Water Column (plume) and Seafloor Camera Surveys, 1996-1997

- 81 Collier, Robert W.; Huh, Chih-An, Paleochemistry of V, Mo and Other Oxyanions as Recorded in  
Ferromanganese Deposits, 1994-1995
- 81 D'Ambrosio, Bruce, Probabilistic Methods in Dynamic Environments, 1994-1995
- 81 Dick, Thomas, National Dissemination of Calculus Reform in High Schools by the Oregon State University  
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- 81 Duncan, Robert A., Radiometric Dating of Young MORB by the  $^{40}\text{Ar}$ - $^{39}\text{Ar}$  Method, 1993-1995
- 81 Duncan, Robert A., Collaborative Investigation of Beata Ridge (Caribbean Plate); Stratigraphy of an Oceanic  
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- 81 Duncan, Robert A., A Continuous Laser Microprobe Extraction System for  $^{40}\text{Ar}$ - $^{39}\text{Ar}$  Geochronology,  
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- 81 Egbert, Gary D., Constraints on Mantle Conductivity from Geomagnetic Observatory Arrays, 1992-1995
- 81 Escher, Christine, Mathematical Sciences: Topics in Geometry and Topology, 1993-1996
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- 81 Field, Jennifer A., Research Initiation Award-Contaminated, 1994-1995
- 81 Fisk, Martin, The Chemistry and Petrology of Submerged Young Volcanoes: Bransfield Strait Antarctica,  
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- 81 Goodnick, Stephen, Parallelization Transport Algorithms in Semiconductor Device Physics, 1992-1995
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- 81 Harmon, Mark E., Long-term Ecological Research on the H.J. Andrews Experimental Forest, 1991-1995
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- 81 Harmon, Mark E., Long-term, Intersite Experiments of Leaf and Fine Root Decomposition, 1990-1995
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- 81 Klinkhammer, Gary, A Survey of Hydrothermal Vents in Bransfield Strait, Antarctica, 1994-1995
- 81 Klinkhammer, Gary, A Survey of Hydrothermal Vents in Bransfield Strait, Antarctica, 1995-1996
- 81 Klinkhammer, Gary, Pore Water Geochemistry of Paleochemical Proxies, 1995-1997
- 81 Lattin, John D., Long-Term Ecological Research on H.J. Andrews Experimental Forest, 1991-1995
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- 81 Lerner, Michael M., PYI Award- Solid State Chemistry Research, 1991-1992
- 81 Levi, Shaul, Paleomagnetic Constraints on Late Quaternary Crustal Fragmentation in the Area of the 1994  
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- 81 Liston, Aaron I., REU Supplement: Installation of Mobile Storage and Integration of the Oregon State University  
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- 81 Lomax, Terri L., Developmental Regulation of Auxin Transport: Specific PM Auxin-binding Proteins, 1993-1995
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- 81 McGuire, Joseph, Quantifying Charge/Stability Influences on Protein Absorption with Synthetic Mutants-Bacteriophage, 1993-1994
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- 81 Mills, Dallice I., U.S.-Japan Seminar: Molecular Aspects of Pathogenicity of Resistance-Requirement for Signal Transduction: Sept 1995, Ise-City, Japan, 1995-1996
- 81 Mix, Alan, Late Neogene Paleooceanographic Reconstructions of the Eastern Equatorial Pacific Based on Drill Sites Collected by Ocean Drilling Program, 1993-1995
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- 81 Mohler, Ronald R., U.S. Australia Collaborative Research: Intelligent Control of Complex Nonlinear Systems, 1994-1996
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- 81 Nielsen, Roger L., Collaborative Research: Experimental Determination of the Partitioning Behavior of REE and HFSE between Calcic Amphibole and Intermediate Composition Magmas, 1994-1996
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- 81 Osis, Vicki, Interpreting Current Global Environmental Change Research for Middle School Teachers, 1993
- 81 Paasch, Robert K., Design for Diagnosability: Research Institution Award, 1993-1994
- 81 Padman, Laurence, Upper-Ocean Temperature and Microstructure in the Western Weddell Sea, 1994-1995
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- 82 Sherr, Barry and Evelyn, Roles of Heterotrophic Bacteria and Protists in the Arctic Ocean Carbon Cycle, 1994-1995



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- 82 Trappe, James M., Mycorrhizal Mediation of Plant Colonization Community Development and Carbon Accretion on a Glacier Forefront, 1993-1995
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- 82 Wolff, Jerry O., LTREB: Oak Mast as a Keystone Resource in Forest Community Dynamics, 1993-1995
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- 82 Markle, Douglas F., Taxonomic Description of a New Species of Sicker from Wall Canyon, Nevada, 1995
- New Zealand Milk Products Inc.
- 82 Morrissey, Michael T., Use of Alaco Surimi Plus (ASP) in Surimi and Surimi-based Products, 1996
- Nichols Consulting Engineers
- 82 Hicks, R. Gary, Development of the 2002 Guide for the Design of New and Rehabilitated Pavement Structures, 1997
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- 82 Smith, Gerald, Plantar Pressure Distribution During Treadmill Locomotion, 1997
- Northwest Trade Task Group
- 82 Morrissey, Michael T., Pasteurized Dungeness Crab, 1996-1997
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- Office of Community College Services (Oregon State Board of Higher Education)
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- 82 Abbott, Mark, Lagrangian Observations of Phytoplankton and Nutrient in the California Coast, 1992-1997
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