

## **Series Outline**

Series I. Funded Grant Proposal Records

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### Series I. Funded Grant Proposal Records

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- 22 Braunworth, William, Vegetable Research, 1988-1989
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- 22 Evans, Harold J., Sponsored Research - H2 Evolution During N2 Fixation, 1984
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- 22 Mathews, Christopher K., Faculty Research Award in Support of Dr. David W. Barnes, 1987-1991
- 22 van Holde, K. E., Nucleosome Interaction with Genotoxic Agents, 1985-1988
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- 22 Sproull, Robert D., The Treatment of Waste Gases Containing Hydrogen Selenide and Hydrogen Sulfide, 1988
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- 22 Johnson, A. G., Irradiation and Analysis of Samples, 1988-1989
- 22 Schlesinger, NATO Advanced Research Workshop on Climate-Ocean Interaction, 1988
- 22 Wager, John, Diamond-like Carbon Electroluminescent Display Project, 1987-1988
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- 22 Sproull, Robert D., Bioleaching of Toxic Metals from Geothermal Solid Waste in a Fluidized Bed, 1988
- California Department of Fish and Game
- 22 Seim, Wayne K., Toxicity Tests on Striped Bass and Opossum Shrimp, 1987
- California Department of Food and Agriculture
- 22 AliNaizee, M. T., Efficacy of Bait Sprays for the Control of Apple Maggots and a Comparison of Different Trapping Systems, 1986-1987
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- 22 Price, Edwin, Services of Dr. Herbert E. Hansen while working on the Moduru Oya System "B" Irrigation System Project in Sri Lanka, 1986
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- 22 Christie, David M., Petrology and Tectonics of the Australian-Antarctic Discordance and Adjacent Ridges, 1988-1989
- 22 Lyle, Mitchell W., Geochemistry of Leg 117 Sediments, 1988-1989
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- 22 Daniels, Kent, Cameroon Agricultural Planning and Policy Report, 1988
- 22 Price, Edwin, To Provide the Services of Dr. Edwin Price for Technical Advising for the NARP Project in Cooperation with the Egyptian Project Director, 1987-1988

- 22 Sproul, Christine, Trip to Malawi-Travel and Per Diem, 1986  
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- 22 Hall, Roberta L., Coquille Activities, 1987-1988  
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- 22 Buhler, Donald R., Synthesis and Metabolism of 35-S Labeled Methylsulfonylmethane in the Rat, 1985  
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- 22 Hixon, Mark A., Dueling Damsels, 1987  
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- 22 Piepmeier, Edward H., Design, Construct and Characterize a Graphite Furnace Atomic Absorption Instrument  
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- 22 Isaacson, Dennis L., Classification of Selected Areas of the Cowlitz River Basin, 1987-1988  
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- 22 Weber, Dale W., A Comparison of Lasalocid Fed Three Times A Week Versus Daily, 1985  
Idaho-Eastern Oregon Onion Committee
- 22 Shock, Clinton C., Onion Variety Testing-Artificial Drying of Onion Bulbs to Reduce Storage Losses, 1987-1988
- 22 Shock, Clinton C., Preparing Sweet Spanish Onions for Export, 1988-1989  
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- 22 Stein, David L., Fishery Resources of Heceta Bank--Research Support and Data Analysis, 1987-1988  
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- 22 Tillson, Greg, Establish & operate a leadership development project in public affairs, 1984-1985
- 22 Youmans, Russell C., Family-Community-Leadership, 1981-1984  
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- 22 Schlesinger, Michael E., NATO Advanced Research Workshop on Climate-Ocean Interaction, 1988-1989  
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- 22 Hruby, Dennis E., Use of Vaccinia Virus as a Neuropeptide Expression Vector, 1987-1988
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- 22 Nelson, Peter O., Investigation of Dellchem Physical-Chemical Treatment Process at Alki Treatment Plant,  
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- 22 Campbell, Donald T., Function and Regulation of Ionic Channels in Skeletal Muscle, 1986  
National Aeronautics and Space Administration (NASA)
- 22 Couch, Richard W., Tectonic Studies of the Gulf of California, 1982-1983
- 22 Schrumph, Barry J., Research in Remote Sensing of Vegetation, 1986-1987  
National Bureau of Standards (NBS)
- 22 Watson, Philip R., Critical Compilation of Surface Structures II: Comparison of Results from Other Scattering  
Methods with Those from LEED Crystallography, 1987-1988  
National Endowment for the Humanities
- 22 Beatty, Bess, Textile Workers in the Southern Piedmont, 1830-1910, 1989  
National Lead Company
- 22 Slabaugh, Wendell H., Synthesis of Organic Clay Complexes, 1953  
National Marine Fisheries Service
- 22 Horton, Howard F., Observation and Recording of Fish Catches and Biological Data on Vessels from East  
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National Oceanic and Atmospheric Administration (NOAA)
- 22 Enfield, David B., Procurement of Sea Level Data for the Pacific Coast of South America, 1982-1983
- 22 Enfield, David B., Long Term Measurements of Sea Level and Winds in the Southeast Pacific, 1987-1988
- 22 Esbensen, Steven K., Investigation of Midtropospheric Temperature Anomalies and Their Movement Poleward  
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- 22 Quinn, William H., Investigation of Midtropospheric Temperature Anomalies and Their Movement Poleward to Anomalies in Equatorial Ocean Temperatures, 1979-1980  
National Security Agency
- 22 Rudd, Walter C., A High Performance Computer for Factoring Large Numbers, 1986-1987  
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- 22 Thomas, T. Darrah, Improvement in Chemistry Instruction, 1982-1985  
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- 22 McFarlane, Dale D., Status and Future Prospect of the Oregon Forest Products Industry, 1986  
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- 22 Martin, Lloyd W., Caneberry Research Assistant, and Commission Services and Caneberry Research, 1987
- 22 Wrolstad, Ronald E., Improving Technology for Caneberry Fruit Wine Production, 1987  
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- 22 Jordan, David, Adaptation of Wine Grapes to Oregon--Shanking in Grapes, 1986-1987
- 22 Karow, Russell S., Oregon Rapeseed Variety Testing Program, 1986-1987
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- 22 Kenneke, Larry J., Support of Basic Activities in Vocational Personnel Preparation, 1983-1984  
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- 22 Dodd, Brian, Regional Radiological Technical Assistant Training, 1987-1988
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- 23 Jolliff, Gary D., Meadowfoam Seed Yield Increase Research, 1985-1987
- 23 Young, William C. III, Developing a Less Than Annual Burning, No Till System for Changing Crop Varieties, 1986-1987  
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- 23 Markle, Douglas F., Taxonomic Status and Distributional Survey of the Oregon Chub, 1987-1988
- 23 Pikitch, Ellen K., Analyze Several Sources of Data Available Relating to Various Factors for Groundfish, 1986-1987
- 23 Seely, Justus F., Consulting and Computing Related to Statistical Problems Related to Fishery Management and Research, 1987-1988
- 23 Stein, David L., Fishery Resources of Heceta Bank--Support for Research and Data Analysis, 1987-1988  
Oregon Department of Geology and Mineral Industries
- 23 Fisk, Martin R., Submersible Investigation of Site GR14 on the Northern Gorda Ridge, 1988-1989
- 23 Kulm, LaVerne D., Mineral Composition Analysis: Magnetic Anomaly Modeling, 1987-1988
- 23 Taghon, Gary L., Location, Characterization, and Sampling of Hydrothermal Vent Fauna from the Gorda Ridge, 1988-1989  
Oregon Department of Land Conservation and Development
- 23 Maginnis, Tom J., Coastal Zone Research--Program 309, 1986  
Oregon Department of Transportation (ODOT)
- 23 Berg, Helen, The Effect of an Increase in Fees on the Sales of Custom License Plates in Oregon, 1988

- 23 Hicks, R. G., Development of an Improved Overlay Design Procedure for Oregon, 1985-1987
- 23 Mason, Robert G., Conduct of a Survey to Determine Public Access and Acceptance of Automated Teller Machines, 1987
- 23 Vinson, Ted S., Effect of Environmental Factors on Pavement Deterioration, 1986-1988
- Oregon Dungeness Crab Commission
- 23 Berntsen, Steven, Cryogenic Freezing of Dungeness Crab: Effects on Quality and Storage Stability, 1988
- Oregon Filbert Commission
- 23 Mehlenbacher, S. A., Filbert Breeding and Variety Evaluation/Selection, 1986-1987
- 23 Miller, Anita N., Filbert Breeding and Evaluation, 1987-1988
- Oregon Fryer Commission
- 23 Woodburn, Margy J., Comparison of Quality Characteristics of Fryers Grown in Oregon and Out-of-state, 1988
- Oregon Parks and Recreation Division
- 23 Brown, Perry J., 1986 Regional Recreation Demand Survey, 1986
- Oregon Potato Commission
- 23 Hane, Dan C., Oregon Potato Variety Development Program, 1987
- 23 Jensen, Lynn B., Investigation in Respect to Potato Production, 1986-1987
- 23 Mosley, Alvin R., Potato Culture, Physiology, and Varietal Development, 1987
- Oregon Processed Prune and Plum Growers Commission
- 23 Lombard, Porter B.; Miller, Anita Nina; Braunworth, William S., Effect of Dod, Ethophon, Hormonal Level and Rootstock on Prune, 1987-1988
- 23 Lombard, Porter B., Cultural Studies with Italian Prunes, 1987
- Oregon Processed Vegetable Commission
- 23 Hemphill, Delbert D., Effects of Cultural Practices on Yield, Head Rot, and Downy Mildew of Broccoli, 1986-1987
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- Oregon Racing Commission
- 23 Craig, A. M., Investigation of Optimization of Drug Tests in the Greyhound, 1987-1988
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- Oregon Strawberry Commission
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- 23 Padfield, Harlan, Research Review Conference, 1988
- 23 Varseveld, George W., Processing Evaluation and Potential of Strawberry Varietal Selections, 1986-1987
- Oregon Traffic Safety Commission
- 23 Lawson, David C., Motorcycle Safety Training and Research Program, 1986-1987
- 23 Layton, Robert D., Highway Engineering and Safety: Short Courses and Technical Assistance, 1987
- Oregon Wheat Commission
- 23 Christensen, Neil W., Screening of Hard-red Winter Wheats for Environmental Effects on N Assimilation, N Allocation and Grain Protein, 1986-1987
- 23 Kolding, Mathias F., Develop Feed Grain Varieties, 1986-1987
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- 23 Mundt, Christopher C., Effects of Mixtures of Club Wheat Cultivars, 1986-1987
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- 23 Van Vliet, A. C., Recruitment Program for the Peace Corps, Seattle Area Office, 1987-1988  
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- 23 Smith, Bradford B., Effects of E. Coli Endotoxins on Serum Somatotropin Levels in Swine, 1987-1988  
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- 23 Robinson, Alan H., Development of an On-Line Advanced Plant Simulator (OLAPS) for Thermal Hydraulics  
Simulation and Faster than Real Time Transient Analysis, 1987-1988  
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- 23 Westall, John C., Effect of Absorbent Gellin Material on the Mobility of Priority Pollutants, 1986-1987  
Rice University
- 23 Dymond, Jack, 0.5 M2 Sediment Trap Equipped with Cup Changes, 1987-1988  
Rockwell International
- 23 Hogan, Lewis G., <sup>40</sup>Ar/<sup>39</sup>Ar Analysis of Cenozoic Ash/Tuff Samples, 1985  
Small Business Administration
- 23 Forseth, Dean, Provide management counselling and technical assistance to small business concerns, 1976  
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- 23 Simonson, William, Monocid Study, 1986  
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- 23 Christensen, Neil W., Chloride Effects on Plant Nutrition and Plant Disease, 1985-1988  
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- 23 Dunham, Daniel B., Tillamook Regional cooperative Vocational Planning Proposal, 1987-1988  
U.S. Air Force
- 23 Mahrt, Larry J., Boundary Layer Parameterization for a Global Spectral Model, 1984-1987  
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- 23 Anthony, Robert G., Biological Assessment of Bald Eagles for the Lower Columbia River, 1984-1987
- 23 Brown, Perry J.; Field, Donald R., Development of an Outdoor Recreation Use Model, 1987
- 23 Willis, David, Assignment of Danil R. Hancock to the Army, Portland District Corps of Engineers, 1984-1985  
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- 23 Converse, Richard H., Investigations of Viruses in Small Fruit Crops, 1987-1988
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- 23 Croft, Brian A., Management of Cyhexatin Resistance in *Tetranychus Erticae*, 1985-1987
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- 23 Powelson, Robert L., Soil Erosion Control in Pacific Northwest (STEEP Program)--Oregon--Pest Management, 1983-1984
- 23 Powelson, Robert L.; Ingham, Russell E., Interactions Between *Meloidogyne chitwoodi* and *Verticillium dahliae* in Early Dying Disease of Potatoes, 1986-1987
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- 23 Pumphrey, F. V., Soil Erosion Control in Pacific Northwest (STEEP Program)--Oregon, 1983-1984
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- 23 Rohde, Charles R., Soil Erosion Control in Pacific Northwest (STEEP Program)--Oregon, 1983-1984
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- 23 Rohrmann, George F., Identification and Characterization of Baculovirus Gene Translation Products, 1987-1988
- 23 Rydrych, Donald J., Soil Erosion Control in Pacific Northwest (STEEP Program)--Oregon--Weed Control, 1983-1984
- 23 Smiley, Richard; Van Volk, V., Soil Erosion Control in Pacific Northwest (STEEP Program)--Oregon, 1989-1992
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- 23 Weiser, Conrad J., Evaluation and Identification of Clonal Germplasm, 1986-1987
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- 24 Anthony, Robert G., Cavity-Using Birds and Snags in Riparian and Upland Sites in Oregon's Coast Range, 1985-1986

- 24 Beschta, Robert L., Analysis of Interactions Among Landslides, Aquatic Habitat, and Stream Temperature, 1983-1985
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- 24 Dost, Frank, Human Exposure to Herbicides in Forests Which are Burned--An Analysis, 1983-1984
- 24 Greber, Brian, Yield Potentials in the Douglas Fir Region, 1987-1988
- 24 Greber, Brian J., Preliminary Analysis of the Potential for Transactions Evidence to Provide Wildlife Recreation Access Values, 1986-1987
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- 24 Perry, David A., Maintaining the Long-Term Productivity of Pacific Northwest Forest Ecosystems, 1986-1987
- 24 Tarrand, Robert F., Fate of Herbicides in Forests which are Burned--An Analysis, 1983-1984
- 24 Trappe, James, Ecology and Distribution of Red Alder Mycorrhizal Fungi and Nitrogen Fixing Endophytes, 1987-1988
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- U.S. Department of Education
- 24 Cordova, Mario, Upward Bound Program, 1986-1987
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- 24 Verts, Lita J., Special Services, 1984-1985
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- 24 Crawford, David L., Development of Rations for the Enhanced Survival of Salmon, 1983-1987
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- 24 Jensen, Leland C., Design and Fabricate Fault Locator, 1988
- 24 Krane, Kenneth S., g-Factors In Deformed Nuclei, 1983-1984
- 24 Madsen, Victor A.; Landau, Rubin H., Theoretical Studies of Multistep Processes, Isospin Effects in Nuclear Scattering, and Meson and Baryon Interactions in Nuclear Physics, 1986-1987 and 1988-1989
- 24 Madsen, Victor A.; Landau, Rubin H., Theoretical Studies in Nuclear Physics, 1989-1990
- 24 Wallace, Alan K., A Study of the Performance of Adjustable Speed Drives with Emphasis on a Practical Application, 1985-1988
- U.S. Department of the Interior
- 24 Anthony, Robert G., A Silvicultural Management Plan for a Bald Eagle Communal Roost, Bear Valley National Wildlife Refuge, 1986-1987
- 24 Brown, Perry J.; Field, Donald R., General Research Support--Sociology Studies Program, FY 88, 1987-1988
- 24 Crawford, John A., Pesticide Levels in Eggs and Principal Prey Species of Arctic and American Peregrine Falcons in Alaska, 1984-1986
- 24 Dymond, Jack R., Limnological Studies: Crater Lake, 1986-1987
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- 24 Larson, Gary L., General Research Support--Aquatic Biology Studies Program, 1987-1988
- 24 Levi, Shaul, Neogene Magnetic Stratigraphy And Tectonic Rotations, Transverse Ranges, California: Timing and Deformation Rates of Potentially Active Faults, 1986-1987



- 24 Peterson, Curt D., Properties of Estuarine Sediments in Cores from the Tillamook Estuary Near Tillamook, 1988-1989
- 24 Peterson, Curt D., Investigation of Salt Marsh Stratigraphic Response to Climatic, Oceanographic, and Tectonic-Subsidence Forcing Processes in the Pacific Northwest Region, 1987-1988
- 24 Ripple, William J., Assessing Elk Trail and Wallow Impacts in Mount Rainier National Park, 1985-1986
- 24 Ripple, William J., Muir Study Area Aerial Survey, Mount Rainier National Park, 1988
- 24 Starkey, Edward E., Ecology of Elk Inhabiting Crater Lake National Park and Vicinity, 1985-1986
- U.S. Department of Transportation
- 24 Schary, Philip B., An Investigation of the Impacts of State Regulation of Motor Carriers of Property on Interstate Transportation, 1986-1987
- U.S. Environmental Protection Agency (EPA)
- 24 Croft, Brian A., Effects of Microbial Pesticides on Non-Target Beneficial Arthropods, 1985-1987
- 24 Nelson, Peter O., Prepare Report Describing Experimental Design for Analysis of Sediment Pollution Conditions in Bays of Puget Sound, 1983
- 24 Overton, W. Scott, Statistics in National Surface Water Surveys, 1986-1987
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- 24 Williamson, Kenneth J., Bioaccumulation of Particulate and Cosolvent-Bond Toxicants by Benthic Marine Organisms, 1986-1988
- 24 Worrest, Robert C., Assessment of Ecological and Nonhuman Biological Effects of Enhanced Solar UV-B Radiation, 1985-1987
- U.S Navy
- 24 Caldwell, Douglas, Assignment of Dr. Randall S. Jacobson to the U.S. Navy, 1986-1988
- 24 Safford, Robert R., Development and Recruitment of Graduate Interns for Research Exchange Program, 1987
- 24 Sollitt, Charles K., Reduce and Interpret Current Meter Data from the Carquinez Straits Test, 1984
- U.S. Public Health Service
- 24 Berry, Ralph E., Assignment of Dr. Rene Feyereisen to the National Institutes of Health, 1987-1988
- University of California
- 24 Fisher, Glenn C., Esfenvalerate/Onions, 1987-1989
- 24 Gates, W. Lawrence, Comparative Modeling of CO<sub>2</sub>-Climate Effects, 1984-1985
- 24 Ingle, James D., Development of Organic Pollutant Optrodes, 1986
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- 24 Franklin, Jerry F., Study on the Ecosystem Development of Newly Perturbed Sites on Mt. St. Helens, 1984-1985
- 24 Piasias, Nicklas, Sediment and Ocean History of the NE Pacific During the Pleistocene, 1987-1988
- Winrock International
- 24 George, Melvin R., Assignment of Dr. Melvin R. George to Winrock International, 1985
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