

## **Series Outline**

Series I. Funded Grant Proposal Records

## Detailed Description of the Collection

### Series I. Funded Grant Proposal Records

Crown Zellerbach Corporation

**Box**

- 3 Lavender, Denis P., Research on the Physiology of Growth and Dormancy of Hemlock Seedlings, 30-262-6033, 1975-1977
- Department of the Army
- 3 Flow Transformation by Terrain Roughness Inhomogeneities, 30-262-3070, 1973-1976
- Department of State
- 3 Couch, Richard, The Submarine Geology of the Continental Margin of the Strait of Juan de Fuca, 30-262-5128, 1976-1977
- Division of State Lands
- 3 Wick, William Q., Internship in Marine Resource Management and Operation of a Research Estuarine Sanctuary, 30-260-5569, 1977
- Energy Research and Development Administration
- 3 Junge, David C., Investigation of the Rate of Combustion of Wood Residue Fuels, 30-262-2108, 1976-1977
- 3 Knudsen, James G., Heat Exchanger Development for Ocean Thermal Energy Conversion Plants, 30-262-2116, 1976-1977
- 3 Pak, Hasong, Mesoscale Studies of Flow Regimes and Fluxes of Particulate Matter, 30-262-2120, 1977-1978
- Environmental Protection Agency
- 3 Landa, Edward R., Effect of Non-Gaseous Airborne Pollutants from Coal-fired Power Plants on Plant Growth and Metabolism, 30-262-4145, 1976-1977
- Georgia Institute of Technology
- 3 Bodvarsson, Gunnar, Convection of Porous Fracture Spaces, 30-262-9111, 1977
- National Aeronautical and Space Administration
- 3 Murray, R. Jay, An Inventory of Computational Facilities in the Pacific Northwest Suitable for Processing Remote Sensing Data, 30-262-5156, 1977
- 3 Zaneveld, Ronald V., Interrelationship of Particle Dynamics and Ocean Color, 30-262-5086, 1975-1976
- National Defense Education Act
- 3 Calvin, Lyle D., NDEA Graduate Fellowship Program, 30-260-0819, 1973-1974
- National Oceanic and Atmospheric Administration
- 3 Brown, William G., Economic Evaluation of Various Production Alternatives for Enhancing Benefits from the Salmon and Steelhead Hatcheries of the Columbia Fisheries, 30-262-5574, 1974-1975
- National Science Foundation
- 3 Allen, John S., CUEA: Theoretical Studies and the Dynamical Interpretation of Flow Field Observations (CUEA Component 9), 30-262-1928, 1979-1980
- 3 Anderson, N.H., Interrelationships between Aquatic Invertebrates and Wood Debris in Stream Systems, 30-262-1897, 1978-1981
- 3 Brown, George W., Support of a National Field Research Facility, 30-265-1005, 1977-1978
- 3 Chen, Chen-Tung A., Calcium Carbonate and Organic Carbon in the Oceans, 30-262-1912, 1978-1980
- 3 Cromack, Kermit Jr., Response of a Coniferous Forest Ecosystem to Perturbation, 30-262-1905, 1978-1979
- 3 Cutler, Melvin, Electronic Properties of Liquid Semiconductors, 30-262-1866, 1978-1979
- 3 Dawson, Peter S., Genetic and Ecological Analyses of Natural Selection in Populations of Flour Beetles (*Tribolium*), 30-262-1804, 1976-1979
- 3 Dawson, Peter S., Population Biology of *Tribolium* in Fine and Coarse Grained Environments, 30-262-1886, 1978-1980
- 3 Deardorff, James W., Investigation of Stratocumulus Turbulence and Entrainment from Three-dimensional Numerical Simulations, 30-262-1862, 1978-1979
- 3 Deardorff, James W., Laboratory Investigations of Mixed Layer Turbulence and Entrainment, 30-262-1878, 1978-1979

- 3 Duncan, Robert A., Geochronology and Sr-Isotope Geochemistry of Eocene Coast Range Basalts, Oregon and  
Washington, 30-262-1871, 1978-1981
- 3 Dymond, Jack R., An Evolution of Particulate Flux to the Sea Floor and its Importance to Ferromanganese  
Genesis, 30-262-1948, 1979-1981
- 3 Dymond, Jack, Hydrothermal Processes on the Galapagos Rift, 30-262-1920, 1978-1980
- 3 Dymond, Jack, Potassium - Argon Dating and Rare Gas Analyses of Oceanic Rocks, 30-262-1821, 1977-1979
- 3 Esbensen, Steven, Dynamical Interaction of Clouds and Tropical Waves, 30-262-1909, 1978-1981
- 3 Fryer, John L., Control of Infectious Diseases of Cultured Fish, 30-262-1967, 1979-1982
- 3 Gordon, John C., Workshop on Symbiotic Nitrogen Fixation in the Management of Temperate Forests,  
30-264-1022, 1978-1980
- 3 Hart, Roger, K-ar Studies of Cherts and Evaporites, 30-262-1958, 1979-1980
- 3 Heath, G. Ross, Labile and Fixed Transition Metals in Near Surface Sediments at the Bottom Lander Locations,  
30-262-1945, 1979-1981
- 3 Hedberg, Kenneth W., Structure, Dynamics and Vibrational Potential Functions of Molecules, 30-262-1877,  
1978-1979
- 3 Kas, Arnold, Topology of 4-Manifolds and Algebraic Surfaces, 30-262-1959, 1979-1981
- 3 Keller, George H., Oceanographic Instrumentation, 30-262-1987, 1980-1981
- 3 Kulm, LaVerne D., An Investigation of the Naxca Lithospheric Plate and its Interactions with the South  
American Continental Block, 30-262-1770, 1976-1977
- 3 Kulm, LaVerne D., Equipment Grant: Acoustical Navigation System for Geological and Geophysical Studies,  
30-262-1981, 1979-1981
- 3 Kulm, L.D., Temporal and Spatial Evolution of the Subduction Complex and Accretionary Basins of the Oregon  
Continental Slope, 30-262-1922, 1978-1980
- 3 Landau, Rubin H, Theoretical Studies of the Interactions of Mesons and Nucleons with Nuclei, 1077-79,  
30-262-1847
- 3 Larson, Milton B., Engineering Specialized Research Equipment: Laser Doppler Anemometer System,  
30-262-1964, 1979-1980
- 3 Lattin, John, Ecological Study of the Alvord Basin Dune System, 30-262-1940, 1979-1980
- 3 Lawrence, Robert D., Seismic and Tectonic Setting of the Ghaman Fault Zone, Pakistan, 30-262-1944, 1979-1981
- 3 Leonard, John W., Stochastic Analysis of Cable Systems and Cable-reinforced Membranes, 30-262-1990,  
1980-1981
- 3 Levi, Shaul, Deep Crustal Drilling in Southeastern Iceland, 30-262-1934, 1979-1981
- 3 Lubchenco, Jane, Experimental Studies of Community Organization in a Tropical Rocky Intertidal Community,  
30-262-1911, 1978-1980
- 3 Moore, Frank L., Role of Intra-testicular Androgens, 30-262-1895, 1978-1981
- 3 Neshyba, Steve, Field Studies of Iceberg Deterioration, Melting Rate and Associated Upwelling, 30-262-1946,  
1979-1981
- 3 Niiler, Pearn P., Theory of Ocean Circulation, 30-262-1935, 1979-1980
- 3 Powers, V. Michael, Computer Science and Computer Engineering Research Equipment, 30-262-1942,  
1979-1980
- 3 Pytkowicz, Ricardo M., Chemical Equilibrium in Seawater, 30-262-1829, 1977-1978
- 3 Quinn, William H., Investigation, Monitoring and Prediction of Large - Scale Climatic Fluctuations over the  
Indo-Pacific Region, 30-262-1917, 1978-1980
- 3 Redmond, Richard G., Permanent Shipboard Scientific Installations, 30-262-1999, 1980-1981
- 3 Redmond, Richard G., Shipboard Technician Support, 30-262-1932, 1979-1980
- 3 Reynolds, Richard W., Analysis of A Stochastic Forcing Model for Sea Surface Temperature Anomalies,  
30-262-1971, 1979-1981
- 3 Richman, James G., Investigation of the Dynamics of the Bottom Boundary Layer on the Continental Shelf,  
30-262-1947, 1979-1980
- 3 Ruben, John A., Evolution and Functional Morphology of Anterior Trunk Musculature in Ophidians,  
30-262-1900, 1978-1981
- 3 Smith, Kennan T., Mathematical Aspects of Divergent Beam Radiography, 30-262-1954, 1979-1980
- 3 Sollins, Phillip, Turnover and Accumulation of Soil Organic Matter in Forest Ecosystems, 30-262-1929,  
1979-1981

- 3 Spragins, John, Development of More Usable Techniques for Analyzing Performance of Complex Systems, 30-262-1903, 1978-1981
- 3 Spragins, John D., Realistic Reliability Models for Data Communications Networks, 30-262-1893, 1978-1981
- 3 Swanson, Frederick J., Workshop on Sediment Budgets and Routing in Forest Catchments, Corvallis, Oregon, May 30 - June 2, 30-264-1025, 1979, 1979-1980
- 3 Thomas, T. Darrah, Electron Spectroscopy of Small Atoms and Molecules, 30-262-1863, 1977-1979
- 3 White, James D., Workshops on Organic Synthesis and Natural Products Chemistry for Summer of 1979, 30-264-1021, 1980 and 1981, 1978-1981
- Naval Construction Battalion Center
- 3 Peterson, John, Flexure and Compression Tests of Preservative-treated Marine Piles, 30-262-3125, 1977
- 3 Yamamoto, Tokuo, Wave Tank Tests on Split Pipe, 30-262-3126, 1977-1978
- Pacific Northwest Regional Commission
- 3 Yang, Hoya Y., Wine Acidity Research, 30-262-5087, 1974-1975
- Swiss Federal Institute for Reactor Research
- 3 Peddicord, Kenneth L., Heat Transfer in Sphere Pac Reactor Fuel Pins, 30-262-7111, 1976
- Umpqua Division, Bohemia, Inc.,
- 3 Slotta, Larry S., Placed Stone Armor Breakwater Research, 30-262-6021, 1973-1974
- University of Washington
- 3 Waring, Richard H., Coniferous Forest Biome, 30-262-9095, 1976-1977
- U.S. Atomic Energy Commission
- 3 Wang, C.H., Traineeships for Graduate Students in Nuclear Engineering, Radiation Protection and Environmental Sciences and Engineering, 30-260-2004, 1974-1975
- U.S. Department of Agriculture
- 3 Black, Hugh C., Relationship of Stand Development to Habitat Requirements of Elk and Deer in the Douglas Fir Region of the Coast Range of Oregon, 30-262-5081, 1975-1978
- 3 Beaudreau, George S., Biochemical Studies on the Viruses of *Orgyia Pseudotsugata*, 30-262-5126, 1976-1977
- 3 Hicks, R.G., Determination of Equivalencies - 'A Values' For Emulsion Cold Mix Paving Materials, 30-262-5095, 1975-1976
- 3 Newton, Michael, Regulation of Bud Bursting Time of Douglas-fir and Grand Fir, 30-262-5105, 1976-1977
- 3 Protasel, Greg, Socio-metric Techniques for Evaluating Natural Resource Planning, 30-262-5146, 1977
- 3 Stephen, W.P., Prey Identification in Polyphagous Predators of the Douglas-fir Tussock Moth, *Orgyia Pseudotsugata*, 30-262-5109, 1976-1977
- 3 Webb, Warren L., Starch Content of Defoliated Douglas-fir: A Diagnostic Tool to Predict Mortality and Growth Loss, 30-262-5133, 1977
- U.S. Department of the Interior
- 3 Brooks, Royal H., Properties of Unsaturated Media from an Infiltration Model for Predicting Runoff and Infiltration, 30-262-4069, 1973-1975
- 3 Starkey, Edwin, Identification and Mapping of Habitat Types in the Lava Beds National Monument, 30-262-5138, 1977
- U.S. Office of Education
- 3 Galloway, Joel, Vocational Education Training Program in Leadership Development, 30-260-0521, 1975-1976
- 3 Purvis, Benjamin P., Purchase of Instructional Materials and Equipment to Assist and Improve Undergraduate Instruction, 30-260-0522, 1975-1976