

## University of Washington, Department of Chemical Engineering records

### Inventory

Accession No: 89-104

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W.U. CHEMICAL ENGINEERING DEPARTMENT  
Accession No. 89-104

INVENTORY

<u>Box</u>	<u>Series</u>	<u>Folders</u>	<u>Dates</u>
1	GENERAL CORRESPONDENCE	2	1948-70
	CORRESPONDENCE--Chronological	22	1982-83
2		31	1984-86
3		16	1986-87
	MINUTES OF MEETINGS--FACULTY	4	1975-86
	ANNUAL REPORTS	2	1956-81
	To the Dean		1977-80
	Reports on the Department		1979
	ACCREDITATION FILES	2	1978-87
	SUBJECT SERIES		
	Admissions and Continuation		1975-82
	Budget		1978-79, 87-88
4	Budgets--Departments	2	1980-86
	Course Change Application		1978-84
	Dean's Reserve		1987
	Engineering Committees		1979-83
	Equipment	2	1978-87
	Graduate Brochure		n.d.
	Grants and Contract		1981-86
	Internal Committee Correspondence		1977-79
	Inactive Proposals		1984
	History of the College of Engineering		n.d.
	Matching		1986-87
	Minor Modifications		1980-86
	New Course Application		1974-83
	Organization and Function Records		1980-87
	PDP Computer Costs		1982-85
	Policies and Procedures		1978-88
	Pulp Mills Research		1956-63
	Resource Allocation		1978-82
	Seminars, Short Courses and Conferences		1977-83
	Senators and Representatives		1981
	W.U. Social Management of Technology Program		1974-80
	CURRICULUM FILES		
	198 (Chemical Engineering)		1978
	200 (Chemical Engineering)		1967-82

<u>Box</u>	<u>Series</u>	<u>Folders</u>	<u>Dates</u>
	CURRICULUM FILES (cont'd)		
4	260 (Thermodynamics)		1972-82
	307 (Comments on Fossil Fuel Resources)		1979
	310 (Chemical Engineering--Mid-Term Examination)	3	1976-81
	326 (Chemical Engineering--Thermodynamics)		1972-82
	330 (Chemical Engineering)		1972-82
5	REVIEW OF GRADUATE PROGRAMS		1985
	QUESTIONNAIRE FOR REVIEW OF ENGINEERING PROGRAMS (Engineers' Council For Professional Development, Engineering Education and Accreditation Committee)	3	1980-1983
	GRANTS--FUNDED		
	AC Effects on Marine Corrosion of Aluminum		1983
	Aerocolloidal Rate Processes		1984
	Alcohol-Free Microemul		1983
	An Instrument for Optical Resonance Spectroscopy		1984
	Collision Cross-Sections of Aerosols		1984
	Condensate Methane		1980-83
	Efficient Models--Chemical Engineering		1983-85
	Electric Field		1979-85
	Evaporator Condense II		1980-81
	Exxon Education Foundation		1981-83
	Fluid Transport in Thermoplastic Composites		1985
	Gas Discharge Coatings on Vascular Grants		1982
	Heat Rejection for Space Power Systems		1985
	High Faradaic Current		1982
	International Colloquium on Gasdynamics of Explosions and Reactive Systems		1981-84
	Laboratory Automation		1982
	Lignin Depolymerization		1982-84
	Materials Interactions		1983, 1986
	Membrane Absorption		1985
	Methane Products 2		1982
	Microplato Hardware/Software Donation		1983
	Model Algorithmic Control of Chemical Processes	2	1981-86
	Monolayer Collapse: Foam Stability		1982
	Multiple Absorber Liquid Junction Solar Cells		1984
	Oil Spreading		1980-86
	Optical Properties of Blow-off Particulates	2	1984
	OTEC Enhancement		1984-86
	Preparation and Characterization of Poly-Soaps for Biomedical Applications		1983
	Protein Absorption	1	981
	Protein Materials		1983
	Reaction Rates with SO2 Spray Drying		1985
	Request for CRAY Time for Polymer		1985

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	GRANTS—FUNDED (cont'd)		
5	Sans-QLS Surfactants		1983-84
	SCOR (Pulmonary Specialized Center of Research)		1972-73
	Shell Graduate Grant		1967-83
	Slurry Rheology		1984
	Spray Drying		1985
	Spreading Oil Films on Water		1984
	Surface Thrombo	2	1978-85
	U.S. Swedish Workshop		1986
	Vascular Grafts		1985
	Vesicle Reversion		1982-83
	Xylose Fermentation		1983-85
	GRANTS—DENIED		
	General	2	n.d.
	Analysis of Pulsatile Flow at Branch Point		1970-74
	Application of the Method of Weighted Residuals to Chemical Engineering Problems		1969-71
	Associative Phenomena between Lignin Components		1980
	Bioengineering Center Grant		1973-78
	Bioengineering, Center for		1975
	A Bioengineering Study of Atherosclerosis		1968-73
	Biomechanics of Soft Tissues		1976
6	Carbon Monoxide Detection		1979
	Catalytic Oxidation of Sulfur Dioxide in Airborne Aerosols		1971
	Characterization of Liquid Wastes		1978
	The Character of Transport Control Mechanism		1983
	Chemical Flooding of Oil Fields		1980
	Chemical Modification of Antitumor		1973
	Colloid and Surface Chemistry		1979
	Contact Lens Rejection—Protection Denaturation		1981
	Delivery of Insulin Using Glucose Sensitive Membranes		1981
	Development of Polymer Science		1978
	Devolatilization Kinetics in Large Coal Particles		1982
	Dynamic Behavior of Insoluble Monolayers		1975
	Economics Evaluation of TCE Solvent		1982
	Effects on Fiber Matrix Adhesion		1982
	Effects of Graphite Fiber Finishes		n.d.
	Electrochemical Kinetics—Interfacial Energy Barriers-NSF		1979
	Energy Graduate Traineeship Program		1981
	ESCA Instrument of Biomaterials Studies	5	1980-82
	Evaluation of Fluid Models for Non-Viscometric Polymer Flows		1973-74
	Evaluation of Wood Lignins as Substitutes for Asphalts		1975
	Fermentation to Ethanol of Pentoses		1980

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	GRANTS--DENIED (cont'd)		
6	Fermentation to Ethanol of Xylose, etc.		1980
	Fermentation of Pulp Mill Evaporation		1981
	Glucose Measurement with Bioresponsive Membranes		1982
	Glucose Measurement and Monitoring Systems		1981
	Glucose Sensitive Membrane for Controlled Delivery of Insulin	2	1981-84
	Hazardous Waste Research Center		1981
	Heat Transfer Rates from a Variable Property Fluid in Cooled Pipe Flow at Large		1974
	High Energy, Pulsed, Tunable Dye Laser	2	1980
	Hydrogel-Coated Biomaterials		1973
	Hydrogel Implant Materials		1982
	Improved Biological Test Procedures for the Evaluation of Biomaterials in Contact with Blood		1974
	Influence of Absorbed Carbon Monoxide	3	1980
	Innovation Concepts for Photovoltaic Conversion		1981
	Interaction of Natural and Chemically Modified Aortic Tissue Protein		1978
	Interactions of Tear Proteins with Contact Lenses		1982
	Interdisciplinary Research Project Development in Biomaterials		1975
	Interfacial Convection During Mass Transfer		1967
	International Travel		1980
	Ionic Charging Effects at Illuminated NSF		1980
	Kinetics of Tar Formation		1978
	Laboratory Course in Surface and Colloid		1984
	Marine Research/Fisheries		1972
	Mass Balances for Process Design		1977
	Mass Energy Transport Phenomena		1979
	Mass Transfer Characteristics		1980
	Mass Transfer from Drops Immediately After Formation		1963
	Mass Transfer to Forming Drops		1963
	Mass Transfer from Free Drops		1963
	Molecular Mechanisms of Gas Transport		1979
7	Multiple Absorber, High Efficiency Solar Cell		1981
	Natural Certain Carbon Molecular Weight		1981
	New Biocompatible Surfaces		1971
	Northwest Area Foundation Proposal		1979
	Optical Facility for In-situ Surface Analysis	2	1982-83
	Ozonation of Pulp Mill Wastes		1972-74
	Performance of Pulp Cleaners		1979
	Periosteal Bone Membrane Transport	3	1975-76
	Polymer Testing Instruments		1979
	Polyetherurethane Surfaces: Chemical and Morphological Changes Upon Extraction		1982

<u>Box</u>	<u>Series</u>	<u>Folders</u>	<u>Dates</u>
7	GRANTS--DENIED (cont'd)		
	Process Control Laboratory		1980
	Production Charging Effects at Illuminated Semiconductor Electrolyte		1981
	Reaction Kinetics and Electrocatalysis at Heavily Doped Wide Bandgap Energy		1980
	Research and Development of a Chemical Heat Pump/Thermal Storage System		1981
	Role of Ionic Product Desorption Rates	2	1979-80
	Scavenging by Aerosols		1978
	Seferis--Semi-Crystalline Polymers		1977
	Separation and Characterization of Lignins		1980
	The Stability and Collapse of Insoluble Monolayers		1976
	Student Science Training		1978-79
	Surface Structure of Polyetherurethane		1979
	Surface Thrombogenesis: Mechanical Prevention		1982
	Tandem Multiple Absorber	3	1979-80
	Temperature Distribution in Flowing Liquid Metal	2	1961
	Thermochemical production of Hydrogen		1981
	Thermodynamic Behavior and Stability of Surfactant Monolayers on Multicomponent		1974
	Thermodynamic Model of Liquid-Liquid Equalibria for Solutions Containing Both Acidic and Basic Solutes		1978
	Thermodynamic of Surfactant Films on Liquid Mixture Substrates		1969-70
	Transient Gas Generation Rate and Composition from Wood Particles		1980
	Transport and Fate of Oil Components in the Marine Environment of the Pacific Northwest		1974

Subgroups

	W.U. Biotechnology Genetics Thrust Area Committee		1982
	W.U. Chemical Engineering Computer Needs Committee		1982
	W.U. Chemical Engineering Department. Space Committee		1980
	W.U. Engineering College. Educational Policy Committee		1977-81
	W.U. Engineering College Department Annual Reports Minutes	12	1965-83 1977-79

<u>Box</u>	<u>Subgroups</u>	<u>Folders</u>	<u>Dates</u>
8	W.U. Engineering College. Executive Committee	3	1977-89
	W.U. Engineering College. Faculty Affairs Committee		1977-82
	W.U. Engineering College. Visiting Committee		1977-80
	W.U. Engineering College. Graduate Administrative and Education Joint Center		1971-78