

Accession No.: 2004-50

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Foundation for Ocean Research

Foundation for Ocean Research Records, 1975-1980

Physical Description: 5 record center cartons

Description: The collection consists of the office records of the Foundation for Ocean Research from 1975 to 1980. The material includes office records, financials, legislative monitoring files, correspondence, meetings, and interviews.

Excerpt from "John Dove Isaacs III, 1913-1980" by Richard Seymour and Paul Dayton. IN: *Coming of Age: Scripps Institution of Oceanography, A Centennial Volume 1903-2003*. Robert L. Fisher, Edward D. Goldberg, and Charles S. Cox, eds. La Jolla, California: Scripps Institution of Oceanography, 2003. pp. 57-63: "John Isaacs was a close friend of a San Diego entrepreneur philanthropist named Robert Peterson. Peterson and a partner created the Foundation for Ocean Research (FOR) mainly to fund Isaacs' most speculative ideas. Among these was the notion that graduate students freed from the distractions and aggravation of competing for laboratory or field investigation resources and working together in a highly supportive environment would be far more creative than their peers embedded in the Scripps establishment. An off-campus facility was created with shops, laboratories, office space, and support staff. Isaacs met at least once a week with a group of specially selected graduate students who were supported by FOR. Out of this experiment in education came a number of demonstrations of Isaacs' ideas, including the salinity power concept and the breath heater. Isaacs believed that the concept of attempting to warm scuba divers by heating their suits through various means was wrong, and that most of the heat loss came from breathing cold dry air from their tanks and then exhaling warm moist air at the expense of their body heat. He conceived of the idea of adding a very small amount of hydrogen to the breathing air and then passing it through a platinum catalyst that both warmed it and formed water vapor. It worked spectacularly, was patented, and was licensed by FOR, after Isaacs' death, to an entrepreneur who saw its much larger potential in medical applications for reducing the stress on patients who breathed cold, dry oxygen. The FOR as incubator provided a rapid means of testing many of John Isaacs' ideas. He tossed them out around the FOR conference table and a student could decide to work on one of them, occasionally leading to a Ph.D. dissertation. One such was his 1970s idea that the rotational momentum put into the atmosphere by lines of cars passing in opposite directions would increase the incidence of tornadoes in North America (where cars pass on the side proper to induce counterclockwise rotation). This difficult to prove concept was not readily accepted by atmospheric scientists, although the Berkeley physics department scientists took it very seriously when Isaacs presented a lecture there on the subject. In the last years of his life, he expressed some serious disappointment about the FOR experiment. It seemed to him that the students worked on his ideas exclusively, rather than generating their own and that they spent little time thinking about their projects, as opposed to working on them, except under his direct questioning at the weekly seminars. Perhaps the FOR students who most closely met his ideal of creativity and self-motivation were the Vidal brothers. They were Mexican nationals and worked jointly on different aspects of submarine hot springs off Baja California. The brothers discovered thermophilic bacteria that thrived at temperatures above the boiling point of water long before the discovery of the mid-ocean ridge hot springs with their surprising collection of radically different life forms. Without the Isaacs inspiration, FOR gradually disappeared, although the weekly seminar continued for a few years under the guidance of one of his ex-students."

Isaacs, John Dove: Schwartzlose, Richard A.; Nierenberg, William Aaron; Peterson, Robert O.

Foundation for Ocean Research

Papers, 1971-1989

Accession Number 2004-50

BOX

FOLDER TITLE

1

Academic Senate Committee on A-21, 1979-1981

Account for Accountability: January 1979 - March 15, 1979 [1 of 3]

Account for Accountability: - April 1, 1979 [2 of 3]

Account for Accountability: April 23, 1979 - May 9, 1979 [3 of 3]

A Need to Account for Accountability. First Draft, January 26, 1979
[1 of 2]

A Need to Account for Accountability. First Draft, January 26, 1979
[2 of 2]

A Need to Account for Accountability. Master Draft, February 1979 –
April 1979

Selected Analysis of Data From Questionnaire on Audits & Related
Matters, Survey Materials

Selected Analysis of Data From Questionnaire on Audits & Related
Matters, Draft #1, February 1979

Accountability Addresses, 1979

Feedback & Comments, February 14, 1979 - March 15, 1979 [1 of 2]

Feedback & Comments, March 16, 1979 - July 22, 1980 [2 of 2]

Administrative Accountability in Research - An Unconventional
View. Presentation to Southern California Chapter Meeting. Society of
Research Administrators, May 8 ,1979

Alternative Means Model [1979]

APL [n.d.]

APL: November 12, 1971 - January 30, 1976

BOX	FOLDER TITLE
1	<p>Appendix B: Description of Major Federal Requirement Areas</p> <p>Appendix C: Examples Showing DCAA Audit Agency Approach. Synopsis of Operations Audit Findings</p> <p>Audit Findings / Problems</p> <p>Internal UCLA Audit Problems, November 3, 1976 - July 3, 1978</p> <p>Audit Questionnaire - UCLA, April 1978 [1 of 3]</p> <p>Audit Questionnaire - UCLA, April 1978 [2 of 3]</p> <p>Audit Questionnaire - UCLA, April 1978 [3 of 3]</p> <p>Behrman, Daniel. Prophet of an Aquatic Age, August 24, 1989</p>
2	<p>Binkley, Max A., Financial Issues of Federal Research Performed by Universities, October 11, 1977</p> <p>Binkley, Max A., Universities and Federal Standards for Accountability, November 10, 1978</p> <p>Bureaucracy, 1978-1979</p> <p>CCN (Campus Computing Network)</p> <p>Chen, Francis F., 1979</p> <p>Chils Act, 1978-1979</p> <p>Congress - Accountability [January 24, 1979]</p> <p>Foundation for Ocean Research, Correspondence [December 1, 1982 – July 31, 1987]</p> <p>DOE Reporting Requirements, 1978</p> <p>Environment-Ideas, Basic Research, 1978-1980</p> <p>Environment Papers, 1977-1979</p> <p>Flaws Paper, 1978</p>

BOX**FOLDER TITLE**

2

The Impact of Federal Regulations on the University of California, Berkeley. An Institutional Self-Study for the Sloan Commission on Government and Higher Education [n.d.]

AIR Fy 1985-1986

AIR Fy 1986-1987

AIP Fy 1985-1986, A-B

AIP Fy 1985-1986, C-D

AIP Fy 1985-1986, E-H

AIP Fy 1985-1986, I-L

AIP Fy 1985-1986, M-O

AIP Fy 1985-1986, P-Q

AIP Fy 1985-1986, R-S

AIP Fy 1985-1986, T-Z

AIP Fy 1986-1987, A-B

AIP Fy 1986-1987, C-D

AIP Fy 1986-1987, E-H

AIP Fy 1986-1987, I-L

AIP Fy 1986-1987, M-O

AIP Fy 1986-1987, P-Q

AIP Fy 1986-1987, R-S

AIP Fy 1987-1988, A-B

AIP Fy 1987-1988, C-D

AIP Fy 1987 -1988, E~H

BOX	FOLDER TITLE
2	AIP Fy 1987-1988, I-L
	AIP Fy 1987-1988, M-O
	AIP Fy 1987-1988, P-Q
	AIP Fy 1987-1988, R-S
	AIP Fy 1987-1988, T-Z
	AIP Fy 1988-1989, A-M
	AIP Fy 1988-1989, N-Z
	Cancelled Checks, 1986
	Cancelled Checks, 1987
3	Cancelled Checks, 1988
	Foundation for Ocean Research, Donations, January 13, 1984 - April 4, 1989
	Employment Development Department [1986-1989]
	Foundation for Ocean research Archives (California First National Bank Checking Account), 1972-1985
	California First Bank Statements, etc., 1985
	California First Bank, 1986
	California First Bank Statements, etc., 1987
	California First Bank Statements, etc., 1988
	Foundation for Ocean Research, Miscellaneous
	Foundation for Ocean Research Miscellaneous, 1986 – 1987
	Foundation for Ocean Research, Miscellaneous Finances, 1986-1987
	Foundation for Ocean Research Financial Statements, November 30, 1986

BOX**FOLDER TITLE**

3

Foundation for Ocean Research Financial Statements, December 31, 1986

Foundation for Ocean Research Financial Statements, January 31, 1987

Foundation for Ocean Research Financial Statements, February 28, 1987

Foundation for Ocean Research Financial Statements, March 31, 1987

Foundation for Ocean Research Financial Statements, April 30, 1987

Foundation for Ocean Research Financial Statements, May 31, 1987

Foundation for Ocean Research Financial Statements, June 30, 1987

Foundation for Ocean Research Financial Statements, July 31, 1987

Foundation for Ocean Research Financial Statements, August 31, 1987

Foundation for Ocean Research Financial Statements, September 30, 1987

Foundation for Ocean Research Financial Statements, October 31, 1987

Foundation for Ocean Research Financial Statements, November 30, 1987

Foundation for Ocean Research Financial Statements, December 31, 1987

Foundation for Ocean Research Financial Statements, January 31, 1988

Foundation for Ocean Research Financial Statements, February 29, 1988

Foundation for Ocean Research Financial Statements, March 31, 1988

Foundation for Ocean Research Financial Statements, April 30, 1988

BOX**FOLDER TITLE**

3

Foundation for Ocean Research Financial Statements, May 31, 1988

Foundation for Ocean Research Financial Statements, June 30, 1988

Foundation for Ocean Research Financial Statements, July 31, 1988

Foundation for Ocean Research Financial Statements, August 31,
1988Foundation for Ocean Research Financial Statements, August 31,
1988Foundation for Ocean Research Financial Statements, September 30,
1988Foundation for Ocean Research Financial Statements, October 31,
1988Foundation for Ocean Research Financial Statements, November 30,
1988Foundation for Ocean Research Financial Statements, December 31,
1988

Foundation for Ocean Research Financial Statements, March 31, 1989

Foundation for Ocean Research Financial Statements, April 30, 1989

Foundation for Ocean Research Inventory, June 1985

Foundation for Ocean Research Inventory, June 1985

Foundation for Ocean Research Inventory, June 1985

Individual Employee Earnings Record

Payroll / Disbursements Journal, 1986

Payroll / Disbursements Journal, 1987

Payroll / Disbursements Journal, 1988

Federal Payroll (Withholding) Information, 1985

BOX**FOLDER TITLE**

Property for Sale (Abalar Way), 1987

Federal Taxes Deposited, 1986-1988

Federal Tax Returns, 1985-1988

Income Tax Returns, 1986

Income Tax Returns, 1987

Income Tax Returns, 1988

Tax Forms, 1982-1986

Torrey Pines Federal Credit Union, 1984-1987

W-2 Wage and Tax Statements, 1985-1988

Form W-4: Employee's Withholding Allowance Certificate, 1985-1988

GAO - Federally Sponsored Research at Educational Institutions: A Need for Improved Accountability

GAO (General Accounting Office) Study, December 15, 1978

Haskins & Sells, Certified Public Accountants, July 1977

Interview with Mr. Henry G. Kirschenmann, February 6, 1980

4

Serge Lang [1 of 3]

Serge Lang [2 of 3]

Serge Lang [3 of 3]

Mears, David. Financial Accountability: A Concept for Federal Assistance Programs [Paper], June 27, 1979

Foundation for Ocean Research, Minutes, October 14, 1985 - July 1, 1987

Meeting Minutes, Research Management Task Force, 1979

BOX

4

FOLDER TITLE

Minute Book Membership Register Society for Oceanographic Research

Minutes of Trustees Meetings, July 1975 - April 1977

Minutes of Trustee Meetings, September 29, 1977 - March 12, 1981

Minutes of Trustees Meetings, September 16, 1981 through November 4, 1986

Miscellaneous [1 of 2]

Miscellaneous [2 of 2]

National Assistance Management Association. Federal Grants: Who Manages the Red Tape? Washington, DC, March 27, 1980

Federal Funding of Basic Research: The Red Tape Mill, Accountability

Paper, May 8, 1981

Richard Sessions & Tom Collins. More Accountability in Federally Funded Academic Research: A Costly "Bill of Goods." Journal of the Society of Research Administrators, 1979

Richard A. Session & Tom Collins [Master Draft] More Accountability in Federally Funded Academic Research: A Costly "Bill of Goods." UCLA. March 15, 1979

More Accountability in Federally Funded Academic Research: A Costly "Bill of Goods." [Copy] Edited

Feedback / Correspondence Regarding More Accountability in Federally Funded Academic Research: A Costly "Bill of Goods," 1979

National Commission on Research

OMB Circular A-21, 1979-1981

OMB Circular A-88, 1979-1980

Organizational Prior Approval System [n.d.]

BOX	FOLDER TITLE
4	Overhead (Indirect Costs), 1978
	Paperwork Laws, March 1979 - August 1980
5	Personnel Activity Reposting [1 of 3]
	Personnel Activity Reposting [2 of 3]
	Personnel Activity Reposting [3 of 3]
	Research Management Task Force, Miscellaneous
	Research Management Task Group
	Research Management Task Group
	Research Management Task Group
	Dean C. Johnson. [Letter] Rod Rose Award, December 14, 1979
	Rules / Standards - Account, n.d.
	Science & Society, 1978-1979
	Victoria J. Fabry - Spiess' Grant, 1985
	M. Sophia Gil-Turner - Spiess' Grant, 1985
	Richard Sessions Miscellaneous [November 16, 1978 -April 23, 1981]
	Richard Session & Tom Collins. Public vs. Research Administrators' Attitude Toward Institutional Accountability for Research Funds: A Small Experiment, 1979
	SRA Government Agency Audit Committee, October 2, 1978 - April 6, 1979
	Letter to Wall Street Journal Review & Outlook: Mr. Califano's Mini-Scandals, July 18, 1979