Enns, Theodore 1916-1982

Theodore Enns Papers, 1945-1981


PHYSICAL DESCRIPTION: 2 record center cartons

DESCRIPTION: The papers include correspondence, notes, laboratory notebooks, subject files, proposals, manuscripts and other material documenting the work of Theodore Enns, research physiologist and lecturer in Marine Biology at Scripps. The material largely concerns Enns’ career at Scripps, but does include some papers documenting his work at the Johns Hopkins School of Medicine and as a Guggenheim Fellow and Fulbright Award Recipient working at the Institute of Zoophysiology in Oslo, Norway.
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**SUBJECT FILES**

- Atlantic City, 1978
- Diagrams and Reports: Gas Alpha Counter, Hand Monitor, Electrometer Circuit, 1945
- Fulbright Application, 1955-1957
- Departmental Examination, October 15, 1976
- Dye Dilution, 1960
- Alan R. Hargens, 1970
- XX International Physiological Congress, 1956
- Marine Biology 280B, May 17, 1971
- Office of Naval Research, 1975-1978
- Photographs, n.d.

**NOTES**

- Notes, n.d.
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NOTES (Continued)

1

All Pellet Results, notes, n.d.
Carbonic Anhydrase in Algae, notes, n.d.
Diffusion Capacity, notes, n.d.
Diffusion Transport of CO2, notes, n.d.

Notes, 1942
Counter Current, notes and manuscript, 1958
Rambo, Section Two, 1970-1971
Rambo, Section Three, 1970-1971
Notes, 1971
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Notes, 1976

Notes; September 2, 1977
1978 Transport Data
1978 Transport Data

LABORATORY NOTEBOOKS

Laboratory Notebook, 1952-1977
1955-1965

1963

Gas Transport 02 Transfers through Hb Solutions, November, 1964, [Laboratory Notebook]

Book II, January 28, 1965-August, 1965

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Book III, September 17, 1965-January, 1966


G. Bien Sham, Gas Transport, January, 1965

LABORATORY NOTEBOOKS (Continued)

2

Fe59 Rabbit Experiments, 1966


18O2 and O2 Transport through Hb, Monitored by Mass Spectrometer, 1968

T. Enns and S.R. Anderson, Rays & Sharks, Fresh Water Sharks, April 27, 1968, Book 2


Mangroves, March 1964, Monster Foam Oxygen Solubility, 1972

Laboratory Notebook, 1972-1973

T. Enns, Gulf of California Expedition, October 28, 1974- November 4, 1974

MANUSCRIPTS

Abstracts, n.d.

Manuscript, n.d.

Carbon Dioxide, n.d.

"C02 diffusing capacity in isolated dog lung lobes, and the role of carbonic anhydrase," Enns & Hill, n.d.

"Characterization of the transport of glucose by the renal tubule cells of anaesthetized dogs," n.d.

"Counting & Selection of the ionizing particles," n.d.


"Gas Loss from a Temperate Glacier," n.d.

"Gas Secretion in Fishes Lacking 'rete mirabile'," n.d.


"Osmotic Pressure," Chinard & Enns, n.d.
MANUSCRIPTS (Continued)

"Relative Renal Excretion Patterns of Sodium Ion, Chloride Ion, Urea, Water and Glomerular Substances," Enns & Chinard, n.d.


60 degree Mass Spectrometer Drawing, n.d.

"DDT and thin Egg Shells," September 3, 1971

"Gases in Glaciers," 1957


"Carbonic Anhydrase," 1977

"Water Transport Across Semipermeable Membranes," Enns, 1979

Manuscript and Correspondence, 1977-1980

PROPOSALS

Grant H-2492, "Molecular Transport Across Biological Barriers," Enns & Chinard, 1956-1963

Proposal UCSD 5421, 1972, Environmental Protection Agency, "DDT, Carbonic Anhydrase, and Marine Plant Growth ."


Proposal UCSD 1776, January 10, 1980, Department of Health, Education and Welfare, "CO2 Diffusion in Lung Tissue and in Muscle Tissue."

OTHER PAPERS

Analytical Dynamics, Course Notes, n.d.


"Research Plan for Antarctic Trip, Fall, 1972," By Gary Hobson Dobbs, III.