

1958

SCIENTIFIC PERSONNEL

Name	Institution
*Ross Basch	New York University
Dale Beers	University of North Carolina
Gerrit Bevelander	New York University
Hans Borei	University of Pennsylvania
*J. Warren Brown	Cornell University
*Richard Bruce	Duke University
J. Wendell Burger	Trinity College
*Noah Chivian	University of Pennsylvania
Margot Doyle	University of Chicago
William Doyle	University of Chicago
*Donald Douglas	Duke University
*Frank Fischer	University of Florida
Alfred Fishman	Columbia University
Roy Forster	Dartmouth College
Hubert & Mable Frings	Pennsylvania State University
Mary Gasseling	Marquette University
Perry Gilbert	Cornell University
*Lewis Goldberg	New York University
Leon Goldstein	Dartmouth College
Richard Goss	Brown University
Carl Gottschalk	University of North Carolina
*Jack Harclerode	Pennsylvania State University
C. Adrian M. Hogben	George Washington University
Suk Ki Hong	University of Buffalo
Richard Houpt	University of Pennsylvania
David Karnofsky	Sloan-Kettering Institute
*Wilfred Kolman	University of Pennsylvania
*William Lindsay	University of Pennsylvania
*Steven Lipson	New York University
William Lotspeich	University of Cincinnati
Thomas Maren	University of Florida
Hiroshi Nakhara	New York University
*Alan Yale Newhoff	University of Pennsylvania
Humio Osaki	Duke University
*Roberta O'Dell	Duke University
David Rall	National Cancer Institute
Raymond Rappaport, Jr.	Union College
Johannes Rhodin	New York University
Margaret Richardson	University of North Carolina
Alvin Rieck	Marquette University
Eve Rudich	Marquette University
John Saunders, Jr.	Marquette University
Lilyan Saunders	Marquette University
Bodil Schmidt-Nielsen	Duke University
Knut Schmidt-Nielsen	Duke University
Warner Sheldon	University of Pennsylvania
Hans Staiger	Harvard University
Allyn Waterman	Williams College
Bernard Weiss	Johns Hopkins University
Charles Wilde, Jr.	University of Pennsylvania
Robert Wolbach	New York University
Barbara Wold	University of Cincinnati
Irving Zeidman	University of Pennsylvania
Gordon Zubrod	National Cancer Institute
* Student	

STAFF

Caretaker: Nelson Mitchell, Salisbury Cove
Collectors: James Burger, Mount Herman School
David Gilbert, Ithaca High School
Secretary: Anita Anderson, Smith College
Co-op Manager: Joan Dow, University of Maine

SEMINAR PROGRAM

Evening Seminars

- July 9 *William L. Doyle*, University of Chicago
"The Surfaces of Cells."
July 22 *Hubert Frings*, Pennsylvania State University
"The Albatross Problem on Midway Island."
July 29 *C. A. M. Hogben*, George Washington University
"Gastro-Intestinal Absorption and Secretion of Foreign Compounds."
August 6 *Knut Schmidt-Nielsen*, Duke University
"A Physiologist's Reflections on Crocodile Tears."
August 12 *C. W. Gottschalk*, University of North Carolina
"The Mammalian Mechanism for Urine Concentration."
August 19 *Gerrit Bevelander*, New York University
"Comparative Aspects of Calcification in Animals."
August 26 *Peter Tuft*, University of Edinburgh
"Uptake and Distribution of Water in the *Xenopus* Egg."

Informal Seminars

- July 11 *Bodil Schmidt-Nielsen*, Duke University
"Urea Distribution and *in vitro* Uptake of Urea in Renal Tissue."
July 18 *Gerrit Bevelander*, New York University
"Problems Concerning Calcification in Echinoderm Embryos."
July 25 *J. Wendell Burger*, Trinity College
"Fetal-Maternal Relations in the Dogfish."
August 1 *Alexander Leaf*, Harvard University
"Active Transport and Membrane Permeability."
August 15 *J. A. G. Rhodin*, New York University
"Electron Microscopy of the Kidney."

- August 22 *David A. Karnofsky*, Sloan-Kettering Institute
"The Effect of Pyrimidine Antagonists on the Development
of the Sand Dollar."

Informal Seminars (for Co-op)

- July 19 *Hubert Frings*, Pennsylvania State University
"Sounds in Insects."
July 26 *Roy P. Forster*, Dartmouth College
"Life in Outer Space."
August 16 *Perry W. Gilbert*, Cornell University
"Shark Attacks and Shark Repellants."

Lectures on the Metabolism of the Kidney - W. D. Lotspeich

- July 15 "Introduction - Phosphorus metabolism and Phosphorus
Transport."
July 17 "Synthesis and Secretion of Ammonia and Acid."
July 24 "Synthesis and Transport of Metabolites: I Tricarboxylic
Acid Cycle."
July 31 "Synthesis and Transport of Metabolites: II Amino Acids,
Lactate, Ketones."
August 7 "Transport of Organic Acids and Bases."
August 14 "Studies with Phlorizin: I Mechanism of Action."
August 21 "Studies with Phlorizin: II Conjugation and Excretion."