Descriptive Summary

Title: Ivan Petrovich Pavlov Collection of 18 Contemporary Laboratory Photographs,

Date (inclusive): ca. 1900

Collection number: 19

Creator: Kupalov, Petr Stepanovich 1904-1995

Extent: 18 mounted 9 x 7" photographs

Repository: University of California, Los Angeles. Library. Louise M. Darling Biomedical Library History and Special Collections Division

Abstract: The collection of photographs, taken around the turn of the 20th century, shows Pavlov’s laboratories, coworkers, and some laboratory procedures used in his experiments. The photographs were presented by one of Pavlov’s pupils, Professor Petr Stepanovich Kupalov, to Dr. Mary A. B. Brazier, Professor of Anatomy, UCLA, in 1958 on the occasion of an international meeting in Russia. Dr. Brazier presented the photos to the History and Special Collections Division, UCLA Biomedical Library in 1985, in honor of UCLA School of Medicine’s former Dean, Sherman M. Mellinkoff, M.D.

Physical location: History and Special Collections Division, Louise M. Darling Biomedical Library, University of California, Los Angeles

Language of Material: Collection materials in English

Access

The photographs are available for viewing at the History and Special Collections Division, UCLA Louise Darling Biomedical Library.

Conditions of Use

Publication Rights

Preferred Citation

[Identification of item], Ivan Petrovich Pavlov collection of 18 contemporary laboratory photographs (Manuscript collection 19). Louise M. Darling Biomedical Library History and Special Collections Division, University of California, Los Angeles.

UCLA Catalog Record ID

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Acquisition Information

Prof. Petr Stepanovich Kupalov, a student of Pavlov, presented these photographs to Dr. Mary A. B. Brazier, Professor of Anatomy, Physiology, and Biophysics, UCLA School of Medicine, in 1958. Dr. Brazier and her UCLA colleague, Dr. Horace Magoun, were visiting various neurophysiology laboratories in the Soviet Union that summer and participating in two international meetings in Leningrad and Moscow.

In 1985 Dr. Brazier gave the photographs to the UCLA Biomedical Library in honor of the UCLA School of Medicine’s former dean, Sherman Mellinkoff.

Biography

Ivan Petrovich Pavlov (1849-1936) studied physiology and received a doctorate in medicine from St. Peterburg University in 1883. From 1879 to 1890 he was professor of pharmacology in St. Petersburg, then became professor of physiology and later director of the St. Peterburg Institute for Experimental Medicine until 1936. After early work on control of blood pressure he soon turned to studying the physiology of digestion. The new techniques of surgery and postoperate care he invented openend up the study of digestive processes in normal healthy animals over long periods of time.

Pavlov’s investigation of digestion in living dogs led him to propose a new theory of behavior. Based on his observations of the reaction of dogs to the sight of food or to the sound of a bell they associated with food, he formulated the idea and coined the term conditioned reflex, providing a way of reducing complex behavior to basic units that could be studied in scientific terms. During the 1920s Pavlov and his students extended his theory of animal behavior to human psychology.

For his work in digestive physiology he was awarded the Nobel Prize in physiology in 1904.

Scope and Content

The 18 photographs are approximately 9” x 7”, mounted on 13.5” x 9.75” gray cardboard matts. All but two of the pictures have a typed explanatory label glued to the cardboard back, which formed the basis for captions used in an UCLA Library exhibit shortly after receipt of the collection; these captions are also included.

The photographs picture Prof. Pavlov and his coworkers at the St. Petersburg Institute for Experimental Medicine ca. 1902, some of the experimental dogs in the laboratory and outside, and Institute buildings and laboratories.

Ivan Petrovich Pavlov Collection of 18 Contemporary Laboratory Photographs ca. 1900
Related Material
Additional materials describing and arising from the 1958 trip to the Soviet Union during which Dr. Brazier was presented these photographs, are included in Dr. Brazier's papers, Manuscript Collection #42, History and Special Collections Division, UCLA Biomedical Library.

Indexing Terms
The following terms have been used to index the description of this collection in the library's online public access catalog.

Subjects
Institut fiziologii im. I.P. Pavlova - Photographs
Pavlov, Ivan Petrovich, 1849-1936 - Photographs

Box 1, Item 1  Photo no. 1: I.P. Pavlov with a group of coworkers in the yard of the Institute of Experimental Medicine, at the entrance to the Division of Physiology.
  Scope and Content Note
  Note
  photo was published in Pavlov's "Polnoe sobranie trudov", 1940- , v. 2, p. 304

Box 1, Item 2  Photo no. 2: Dogs and keepers, outdoor exercise.

Box 1, Item 3  Photo no. 3: A part of the "canine gastric juice factory".
  Scope and Content Note
  five dogs in the laboratory; "a number of dogs spend from six to ten thirty A.M. daily, chewing...food in the platters before them. The esophagus has been severed so that the food drops back into the platter and is eaten over and over again. Meanwhile the gastric juice is collected from the gastric fistula, about a liter a day being secured from each dog. This is filtered, serated, and shipped to various physicians..."

Box 1, Item 4  Photo no. 4: The room where the dogs are fed after their session in the "canine gastric juice factory".

Box 1, Item 5  Photo no. 5: Ten dogs and keepers.
  Scope and Content Note
  "Pavlov was extremely fond of the dogs used in his lab; they were well cared for and lived long lives"

Box 1, Item 6  Photo no. 6: Group of experimenters in one of the laboratories.
  Scope and Content Note
  "Notice the dog on the stand at the right with the receptacle attached to the abdominal opening to collect the juice from a 'Pavlov pouch' "

Box 1, Item 7  Photo no. 7: View of the same lab looking in the opposite direction.

Box 1, Item 8  Photo no. 8: A group in the laboratory during a break.
  Scope and Content Note
  "note the tea drinking and the tea kettle"

Box 1, Item 9  Photo no. 9: Another corner of the laboratory.
  Scope and Content Note
  "notice the tea kettle"

Box 1, Item 10  Photo no. 10: One of the experimental laboratories.
Box 1, Item 11  
**Photo no. 11: I.P. Pavlov in the operating room of the Institute of Experimental Medicine. 1902**

**Scope and Content Note**

pictured are: A.P. Sokolov, I.V. Shuvalov (laboratory assistant), I.P. Pavlov, Ia.A. Bukhshtab

**Note**

photo published in Pavlov's "Polnoe sobranie trudov", 1940-, v. 2, p. 376

Box 1, Item 12

Box 1, Item 13

**Photo no. 12: "Professor Pavlov's office".**

**Photo no. 13: Grounds of the Imperial Institute for Experimental Medicine, St. Petersburg.**

**Scope and Content Note**

the chemical laboratory building is shown on the left, Pavlov's physiological laboratory building on the right

Box 1, Item 14

Box 1, Item 15

Box 1, Item 16

**Photo no. 14: Exterior view of the building for the dogs.**

**Photo no. 15: Interior view of the building for the dogs.**

**Photo no. 16: Corridor of a ward where the dogs were kept.**

**Scope and Content Note**

"the rooms were heated, well-lighted, and ventilated"

Box 1, Item 17

**Photo no. 17: The surgeons' preparation room.**

**Scope and Content Note**

located "between the dogs' preparation room and the operating room"

Box 1, Item 18

**Photo no. 18: Exterior view of Pavlov's physiological laboratory building.**