

that will enable mouse production to expand an additional 300,000 mice per year will be under construction this fall and in complete operation by early spring.

These pedigreed mice are raised as a service to world research, and the Jackson Laboratory is the only center that breeds and constantly renews strains of standard mice. The animals are sold at cost at prices that range from \$8 for a dystrophic mouse with a normal control, to 25 cents for retired breeders of some strains.

Each year many shipments of mice leave the laboratory destined for foreign countries. In such cases, the cost of shipping the mice is often far greater than the cost of the animals themselves. For instance, \$24 worth of mice being sent to areas throughout Europe cost approximately \$140 to ship, depending on distance and mode of transportation.

## News Briefs

The Special Training Division of the Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn., has announced the following 1958 schedule of 4-week courses in the basic techniques of using radioisotopes: 6-31 Jan., 3-28 Feb., 19 May-13 June, 16 June-11 July, 11 Aug.-5 Sept., 8 Sept.-3 Oct.

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Physical examinations of 86,000 survivors of the atomic bombing of Hiroshima 12 years ago were begun on 1 Aug. to determine whether the survivors have symptoms of leukemia or pernicious anemia.

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Nearly 30 percent of the narcotics addicts in England are in the medical profession, according to a British Government report. There are 333 known British addicts; of these, 77 are doctors, 20 nurses, and two dentists.

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The U.S. Public Health Service has announced that vaccine against Asian influenza is expected to become available to the public during September. The six manufacturers licensed to produce such vaccine have set a production goal of at least 60 million milliliters (doses) by 1 Feb.

## Scientists in the News

WILLIAM L. STRAUS, Jr., professor in the Laboratory of Physical Anthropology at Johns Hopkins University and a member of the AAAS Editorial Board, will transfer next month to the department of anatomy in the university's medical school, where he will be professor of anatomy and physical anthropology.

EUGENE P. ODUM of the department of zoology at the University of Georgia has been awarded an alumni professorship for his outstanding work in the field of ecology. In the same department R. BARCLAY MCGHEE received the Michael prize for research in the phylogeny of certain flagellated protozoan parasites of insects.

KAZUO K. KIMURA, formerly of the Raymond Blank Memorial Hospital, Des Moines, Ia., has been appointed chief of the neurology branch of the Clinical Research Division, Directorate of Medical Research, Army Chemical Center, Md. He succeeds E. ROSS HART, who resigned early in 1956 to take a research post in the Veterans' Administration Hospital, Pittsburgh, Pa.

WARD DICKOVER, for 29 years a chemical engineer at Gould National Batteries Company, has joined the electrochemistry section of the National Bureau of Standards. He will conduct a research program on basic characteristics of special types of secondary storage batteries. This is part of the section's work on the improvement of aeronautical batteries for advanced aircraft and on the testing of their conformity to federal specifications.

Another appointment at the NBS is that of WERNER C. RHEINBOLDT, a mathematician, who is a member of the computation section of the Applied Mathematics Division. He will perform research on numerical analysis using high-speed electronic computers. Before entering the United States in September 1956 he was employed as an aerodynamic mathematician with the Engineering Bureau of Dipl. Ing. W. Blume at Duisburg-Ruhrort, Germany.

Four new appointments have been made in the department of geology of the Smithsonian Institution (National Museum) to help care for collections and continue research work discontinued by vacancies due to deaths and retirements. PORTER M. KIER, formerly of the University of Houston, was appointed in June to take charge of the collection of fossil echinoderms. RICHARD S. BOARDMAN, formerly of the U.S. Geological Survey but stationed in the U.S. National Museum, transferred to the Smithsonian on 1 July. His primary interest is in the morphology and general paleontology of the Bryozoa. He will carry on the work started by R. S. BASSLER at the Museum more than 50 years ago. Boardman is now finishing work on the morphology of some Devonian trepostome bryozoans, but is anticipating an extensive study of Ordovician bryozoa of the Appalachians and parts of the Midwest. RICHARD E.

GRANT has been given a 4-year appointment in the Smithsonian on a National Science Foundation grant to G. A. COOPER. Grant will collaborate with Cooper on a study of the extensive collection of Permian brachiopods from the Glass Mountains, brought together by Cooper during the last 17 years. PETER P. VAUGHN, formerly of the University of Kansas, will have charge of the collections of fossil reptiles and amphibians, and in his research will devote himself chiefly to the late Paleozoic and early Mesozoic tetrapods.

J. C. R. LICKLIDER, associate professor of psychology at Massachusetts Institute of Technology, has been named to direct the scientific activities of the department of engineering psychology of the consulting firm of Bolt Beranek and Newman, Inc., Cambridge, Mass. Another appointment to the same department is that of KARL D. KRYTER, at present director of the Operational Applications Laboratory, Air Force Cambridge Research Center of the Air Research and Development Command, located in Washington, D.C.

SHERWOOD K. HAYNES, professor of physics at Vanderbilt University, has been named head of the department of physics and astronomy at Michigan State University. He will take up his new duties on a part-time basis on 1 Sept. and full time next February. Other appointments at Michigan are as follows. W. W. ARMISTEAD, dean of veterinary medicine at the Agricultural and Mechanical College of Texas, has been named to head the university's College of Veterinary Medicine. He succeeds CHESTER F. CLARK, who will retire as dean emeritus on 1 Sept. JOHN USEEM, member of the Michigan State staff since 1949, has been appointed head of the department of sociology and anthropology. He replaces CHARLES P. LOOMIS, who wished to end a 13-year tenure as department head in order to devote full time to research and teaching. CARL C. TAYLOR, well-known rural sociologist, will be a distinguished visiting professor during the winter term. Taylor, an official of the U.S. Department of Agriculture for nearly 25 years, will teach a course in the American farmers' movement. Upon completion of his stay at Michigan, Taylor plans to return to India, where he served as consultant for the Ford Foundation and the U.S. Department of State for 2 years following his retirement from the USDA.

ROBERT G. CARSON, Jr., has become director of instruction in the School of Engineering at North Carolina State College. He was formerly head of the industrial engineering department.