

welfare agencies, industries, and other groups. The need for comparable, reliable data on marriages has long been recognized. The new Marriage Registration Area, embracing the 29 states and 4 territories, although not yet nation-wide, will help to meet this need.

Victorian Studies at Indiana

Indiana University is sponsoring a new quarterly journal to be called *Victorian Studies*. It is expected to begin publication in the fall of 1957. It is to be an interdisciplinary journal dealing with the arts, humanities, and sciences as they relate to England approximately from 1830 to 1914. The editors welcome contributions which should be sent to: Victorian Studies, Indiana University, Bloomington, Ind.

Polio Decline

According to a report of the U.S. Public Health Service, there was a marked decline in the number of cases of poliomyelitis during the polio year beginning in April 1956 in comparison with the similar period in 1955. The total number of cases since April 1956 was 14,061 in contrast to 27,753 for the polio year in 1955.

Of the estimated 66 million in the group that have been eligible up till now (persons under 20 and pregnant women), only 40 million have received one, two, or three injections of the Salk vaccine.

A surplus of about 21 million shots of the vaccine is now available through the manufacturers, and a good deal more is in the hands of retailers and physicians. The USPHS recommends that the rest of the population receive inoculations now that the supply is adequate.

Beckman Acquires Watts

Beckman Instruments, Inc., has announced the acquisition of Watts Manufacturing Company, Inc., Roncverte, W.Va., manufacturer of a new, continuous-action gas chromatograph. In addition, Watts makes temperature test stands for jet engine development and automatic flaw detectors for the textile industry.

Nuclear Technology Fellowships

Applications are now being accepted for participation in the program of special fellowships in nuclear energy technology recently announced by the U.S. Atomic Energy Commission. The pro-

gram will be administered by the Oak Ridge Institute of Nuclear Studies, which now administers for the commission the special fellowships in radiological physics, the special fellowships in industrial hygiene, and the ORINS graduate fellowship program.

The fellowships are open to students with the bachelor's degree in engineering, chemistry, mathematics, or physics, who have completed a course in ordinary differential equations. Applicants must be United States citizens and be granted fellowship clearance by the commission. Before fellowship appointments become effective, the applicant must be accepted as a candidate for a master's degree by an institution offering the necessary program of study.

The commission is making a selection of programs of graduate study which meet the fellowship requirements. Institutions offering these programs will be listed with the application forms and applicants may choose their institutions from this list. The program of study will include the following courses: nuclear physics, nuclear reactor analysis, nuclear reactor technology, radiochemistry and reactor materials, and advanced mathematics.

Fellowships will be awarded for 1 year's study. The fellowship award carries a basic stipend of \$1800, with an additional allowance of \$350 for a spouse and \$350 each for a maximum of two dependent children. The award also includes the payment of normal tuition, required fees, and a travel allowance of 6 cents per mile for the fellow (not dependents) from his place of residence (or application) to his university. Fellows are expected to devote all their time to study and research and may not engage in work for remuneration, or receive aid from another scholarship, fellowship, or similar grant during the term of this fellowship.

Applications may be obtained from the Fellowship Office, Oak Ridge Institute of Nuclear Studies, Post Office Box 117, Oak Ridge, Tenn. Completed forms, supporting letters of reference, and transcripts must reach ORINS *not later than 15 Feb.*

Scientists in the News

CLARENCE ZENER, formerly an associate director of the Westinghouse Research Laboratories and for the last year acting director, has been appointed director of the laboratories. Zener is author of the Zener theory of ferromagnetism, which explains why certain materials are strongly magnetic, and of the Zener effect, a theoretical explanation of the electric breakdown in semiconductors such as germanium and silicon.

WILLIAM P. JACOBS, associate professor in the biology department at Princeton University, is going to spend the spring and summer of 1957 at the Marine Station, Naples, Italy, where he will be studying the normal and experimental development of various siphonaceous algae. This research is being supported by the National Science Foundation under its senior postdoctoral fellowship program.

ROGER W. HOWELL, formerly professor of mental health at the University of North Carolina School of Public Health, has been appointed head of the Division of Preventive Psychiatry at the Lafayette Clinic, Michigan's neuropsychiatric center. He will teach and conduct research at the clinic and also at Wayne State University's College of Medicine.

FRANK GERBODE of Stanford Medical School has been unanimously elected an "Honorary Perpetual Student" of St. Bartholomew's Hospital Medical College, London, England. Gerbode served as an associate in surgery at St. Bartholomew's Hospital in 1949. He was recently chosen first vice president-elect of the American College of Surgeons, and is a past president of the San Francisco Heart Association.

JOHN P. FRAWLEY, formerly assistant chief in the chronic toxicity branch of the U.S. Food and Drug Administration, will fill the newly created post of toxicologist in the Hercules Powder Company's medical department.

W. F. CLAUSSEN, for the past 5 years a research chemist at the Corning Glass Works, Corning, N.Y., has been appointed a physical chemist in the metallurgy and ceramics research department of the General Electric Research Laboratory, Schenectady, N.Y.

URNER LIDDEL, research physicist with the National Institute of Arthritis and Metabolic Diseases, Bethesda, Md., has been named a program director in the Division of Scientific Personnel and Education of the National Science Foundation. His duties will include administration of the Academic-Year Institutes program as well as curriculum studies in the physical sciences. The Academic-Year Institutes program was inaugurated in 1956 to provide specially designed year-long courses of study for high-school science teachers.

ROBERT M. BURNS, manager of Stanford Research Institute's new European office in Zurich, Switzerland, has established temporary headquarters at the Eden-Au-Lac Hotel in Zurich.

RICHARD T. YATES has been made president of a new company, the Hawthorn Chemical Corporation, formed by Hercules Powder Company and Imperial Chemical Industries, Ltd. The new company will build and operate an \$11-million plant for the manufacture of methyl methacrylate.

The plant, with an annual capacity of 35 million pounds, will be built at Louisiana, Missouri, adjoining Missouri Ammonia Works, owned and operated by Hercules. The administrative offices of the company will be located in Wilmington.

For the past 4 months Yates has been on special assignment from Hercules in connection with the formation of Hawthorn Chemical Corporation. Prior to this assignment, he was manager of the Agricultural Chemicals Division, Naval Stores Department of Hercules.

BART J. BOK of Harvard University is being honored by the establishment of a prize fund in his name. The income will be used every 2 years for a prize to a student of Harvard or Radcliffe College who has recently earned the degree of doctor of philosophy in physical sciences.

Bok is leaving the Robert Wheeler Wilson chair of applied astronomy at Harvard this month to direct the Mount Stromic Observatory of the Australian National University. He first joined the university in 1929.

J. ARTHUR CAMPBELL has resigned from Oberlin College to accept a position as professor and chairman of the chemistry department at the newly established Harvey Mudd College of science and engineering in Claremont, Calif., starting in September 1957. Campbell is at present on leave from Oberlin to serve as program director for summer institutes at the National Science Foundation.

LOWELL T. COGGESHALL resumed his duties on 1 Jan. as dean of the division of biological sciences at the University of Chicago, following his resignation as special assistant to Secretary Folsom of the Department of Health, Education, and Welfare. Coggeshall is president-elect of both the American Cancer Society and the Association of American Medical Colleges.

AIMS C. MCGUINNESS of Philadelphia has been chosen to succeed Coggeshall as special assistant for health and medical affairs. McGuinness, a former dean of the University of Pennsylvania Medical Graduate School, recently completed the task of staffing the ten-hospital system of the United Mine Workers welfare and retirement fund. He devoted a year and a half to the project.

GEORGE A. EDWARDS, formerly professor colaborador of the departamento de fisiologia geral e animal of the University of São Paulo, Brazil, has been appointed senior research scientist in micromorphology at the Division of Laboratories and Research of the New York State Department of Health, Albany.

R. H. BRUCK of the University of Wisconsin has received the 1956 Chauvenet prize of the Mathematical Association of America for his paper entitled "Recent advances in the foundations of Euclidean plane geometry," which was published in the *American Mathematical Monthly*.

THOMAS Z. ATKESON of Decatur, Ala., a U.S. Fish and Wildlife Service biologist who lost both hands and was blinded by a land-mine explosion during Army training in World War II, has been nominated by the Department of the Interior as "Handicapped American of the Year." He will receive the President's Trophy, which is presented annually by the President of the United States in conjunction with the meeting of the President's Committee on Employment of the Physically Handicapped.

Atkeson plans and supervises the cooperative farming program for the Wheeler National Wildlife Refuge near Decatur and conducts biological investigations for other refuges in the southeast. He speaks before civic groups, writes articles for local newspapers, and "has been an inspiration in his local community, to employees of the Fish and Wildlife Service and to other handicapped persons."

WALTER C. HESS, chairman of the department of biochemistry in the Georgetown University schools of medicine and dentistry, has been appointed to the university's newly created post of assistant dean for coordination of research at the Georgetown University Medical Center. He will continue as head of biochemistry.

I. S. RAVDIN, John Rhea Barton professor of surgery in the School of Medicine of the University of Pennsylvania and chief surgeon of the University Hospital, was made an honorary fellow of the Royal College of Surgeons, England, in ceremonies held in London on 12 Dec. He was honored after delivering the Moynihan lecture before the Royal College of Surgeons at the Hunterian Museum. The subject of his address was "The complexity of liver disease—surgical steps toward solution."

Ravdin is the 12th American surgeon to deliver this address, and the third American surgeon to deliver the lectureship and to be made an honorary fellow of the Royal College at the same time.

Alfred Blalock of Johns Hopkins University and Loyal Davis of Northwestern University have been similarly honored.

Recent Deaths

ANNA M. AGNEW, Brooklyn, N.Y.; 93; former supervising psychiatrist at the Brooklyn State Hospital; 7 Jan.

VINCENT P. BATHA, Waukesha, Wis.; 58; chairman of the physics department at Carroll College; 21 Dec.

LOUIS S. CLARKE, Palm Beach, Fla.; 90; pioneer in the automotive industry and inventor of the first American spark plug; 6 Jan.

JACOB L. DELEVSKY, New York, N.Y.; 88; science writer for the foreign language press and former editor of the French publication *Science*; 3 Jan.

WILLIAM HALL, Rochester, Mass.; 82; professor emeritus of chemistry at Massachusetts Institute of Technology; 3 Jan.

CAROLINE HASLETT, Bungay, Suffolk, England; 61; founder of the Women's Engineering Society and the Electrical Association for Women; 4 Jan.

ARTHUR E. HECKER, Pelham, N.Y.; 65; engineer and former executive of the American Cyanamid Company; 8 Jan.

CHARLES A. C. JOHNSON, Martinsville, N.J.; 68; retired Esso Standard Oil Company engineer; 4 Jan.

GUSTAVE KUECHLER, Forest Hills, N.Y.; 58; engineer, manager of licenses and associated companies for Combustion Engineering, Inc.; 9 Jan.

EUGENE C. MILCH, New York, N.Y.; 54; staff member of the Association for Psychoanalytic Medicine and a lecturer at the New York State College of Medicine at Brooklyn; 8 Jan.

H. J. NICHOLS, JR., Scotch Plains, N.J.; 61; chemical engineer, retired director of the Esso Standard Oil Company; 4 Jan.

ARTHUR L. PARSONS, Toronto, Canada; 83; former head of the department of mineralogy at the University of Toronto; 6 Jan.

PIETRO RONDONI, Milan, Italy; 4 Nov.

AUGUST TINNERHOLM, Scotia, N.Y.; 92; retired electrical engineer; 5 Jan.

WILLIAM H. TWENHOFEL, Orlando, Fla.; 81; retired chairman of the department of geology at the University of Wisconsin; former editor of *The Journal of Sedimentary Petrology*; 4 Jan.

CHARLES-EDWARD A. WINSLOW, New Haven, Conn.; 79; professor emeritus of public health at Yale University; 8 Jan.

JOHN T. ZIMMER, White Plains, N.Y.; 67; chairman of the department of birds of the American Museum of Natural History; 6 Jan.