

# News and Notes

## Scientists in the News

**DeForest C. Alderman**, of St. Paul, has been appointed associate horticulturist at West Virginia University's experimental farm at Kearneysville. Dr. Alderman has done extension work in horticulture for Michigan State College and managed a peach cooperative for the Louisiana Fruit Growers Association.

New honorary members of the Institution of Electrical Engineers are **Edward Appleton**, elected for his research on the ionosphere, and **Arthur Fleming**, whose work in electrical engineering education has won him recognition. The Council of the Institution has awarded the Faraday Medal to **E. O. Lawrence** for his research in nuclear physics.

**Herman G. Baity**, head of the Department of Sanitary Engineering in the University of North Carolina, has accepted appointment as director of the newly established Division of Environmental Sanitation of the World Health Organization. The appointment is for one year, with the privilege of requesting an additional year, subject to the approval of the university trustees. Dr. Baity and his family will leave Chapel Hill early in June for Geneva.

The 1952 Jacob F. Schoellkopf Medal of the American Chemical Society's Western New York Section has been awarded to **Henry N. Baumann, Jr.**, of Niagara Falls, N. Y., a physical chemist and ceramic engineer who has been associated with the Carborundum Company for the past 25 years. Mr. Baumann was cited for his pioneering research on the high-temperature behavior of silicon and aluminum compounds and for his development and use of a high-temperature microscope. He will be the 22nd recipient of the medal, which was founded in 1930 in honor of Jacob F. Schoellkopf, Sr., pioneer in the establishment of the chemical industry in the Niagara area.

**Welcome W. Bender** has been appointed chief electronics engineer at the Glenn L. Martin Company, succeeding **John M. Pearce**, resigned. The new chief of electronics engineering activities joined the Martin Company in 1939. In 1945 he was appointed technical director, Pilotless Aircraft Section, and in 1948 was placed in charge of electromechanical design for missiles. His responsibilities were expanded in 1950 to embrace development of electromechanical systems for all Martin aircraft and missiles.

**William H. Clark**, epidemiologist of the Communicable Disease Center, has been dispatched from Atlanta to Khartoum, Anglo-Egyptian Sudan, to assist local health authorities in studying and controlling an epidemic of meningitis. For this mission Dr. Clark is being lent by the U. S. Public Health Service to the World Health Organization, at the request of

WHO's Regional Office in Alexandria. Dr. Clark, who was assigned to the Communicable Disease Center in July 1951, was formerly attached to the viral and rickettsial diseases laboratory of the California State Health Department.

**Edward L. Cochrane**, head of the Department of Naval Architecture and Marine Engineering at the Massachusetts Institute of Technology since 1947, has been appointed dean of the School of Engineering. Admiral Cochrane succeeds **Thomas K. Sherwood**, dean since 1946, who has asked to be relieved of administrative duties to devote full time to teaching and research in chemical engineering, in which he has been a member of the faculty since 1930. Admiral Cochrane is at present on leave of absence to serve as head of the Federal Maritime Board in Washington. He is expected to take over the duties of dean of engineering this summer.

**B. M. Currie**, professor of physics at the University of Saskatchewan and a member of the Associate Committees on Geodesy and on Radio Sciences, has been appointed head of the Department of Physics, University of Saskatchewan.

Among those elected to emeritus life membership in the AAAS at the March 22 meeting of the Executive Committee is **John Dearness**, of London, Ontario, who will celebrate his 100th birthday on May 13. Others named to emeritus life membership are **Thomas B. Simons**, **William P. Boynton**, **Caroline E. Stachpole**, and **Arthur Lyman Dean**.

**René J. Dubos** has received the 1952 Research Award of the American Pharmaceutical Manufacturers' Association for scientific contributions to the "welfare of mankind." The citation hailed Dr. Dubos as "perhaps the greatest authority on the bacteriology, immunology and biochemistry of the bacillus of tuberculosis." The French-born scientist's research work in this country over the past quarter-century resulted in the discovery of two antibacterial substances, tyrothricin and gramicidin. A member of the Rockefeller Institute for Medical Research, Dr. Dubos came to the U. S. in 1924, and in 1927 he joined the Institute. From 1942 to 1944 he was George Fabryan professor of comparative pathology and professor of tropical medicine at the Harvard Medical School, then resumed his Rockefeller post. Dr. Dubos was president of the Harvey Society in 1951 and is currently president of the Society of American Bacteriologists.

**S. L. Frost** has announced his resignation as executive director of the American Forestry Association. A committee selected by Don P. Johnston, association president, will name a successor at a later date.

**R. Buckminster Fuller**, of New York, founder and

chief engineer of the Dymaxion Corp., has been appointed a visiting critic in architectural design at Cornell University. Under the visiting critic program, Cornell's fourth-year architecture students are given opportunity to work under practicing specialists from various fields. The critic assigns a short-term project and works directly with the students in the drafting room.

**J. Goubeau**, of Göttingen, has accepted the chair of inorganic chemistry at the Technical University of Stuttgart.

**Henry T. Heald**, chancellor of New York University and former president of Illinois Institute of Technology, has been named 1952 winner of the annual Washington Award by a joint committee of the American Society of Civil Engineers, the American Society of Mechanical Engineers, the American Institute of Electrical Engineers, the American Society of Mining and Metallurgical Engineers, and the Western Society of Engineers. The Washington Award was established in 1919 to honor "accomplishments which preeminently promote the happiness, comfort and well-being of humanity."

**G. Jander**, of Greifswald, East Germany, has accepted the chair of inorganic chemistry at the Technical University of Berlin, British Zone.

**Ruth Kahl**, Public Health Service nurse officer, has been assigned to the Department of State as director of nursing for its domestic and foreign health services. In her new post Miss Kahl will work with V. T. DeVault, director of the State Department medical staff. She will direct nursing services of the department's 21 health units, 6 in Washington, D. C., and 15 abroad. Miss Kahl will take the position left vacant by the death of **Emijean Snedegar**, a PHS nurse officer who was killed in a plane crash near Tehran while on a field trip last December.

**Charles F. Kettering**, past president of the AAAS, was one of seven recipients of Horatio Alger awards for 1952. Others whose rise to eminence from humble beginnings was similarly recognized are **Ralph Bunche**, **Milton Eisenhower**, **James J. Kerrigan**, **Thomas E. Millsop**, **Norman V. Peale**, and **W. A. Roberts**.

**Jorge León**, of the Department of Plant Industry, Inter-American Institute of Agricultural Sciences, has received a Guggenheim fellowship and is studying cytology and taxonomy at Washington University. **J. Harvey McLaughlin**, plant pathologist of the Inter-American Cacao Center, has resigned, to return to the U. S.

**Leo Marion** has been appointed director, jointly with **E. W. R. Steacie**, of the Division of Pure Chemistry at the National Research Laboratories of Canada. Dr. Marion was formerly assistant director and will continue his work as head of the organic chemistry section. **Ira E. Puddington** has been appointed director of the Division of Applied Chemistry, to succeed the late **Adrien Cambron**. Dr. Pudd-

ington will continue his work as head of the colloids section.

**Charles D. Marple** has been appointed medical director of the American Heart Association. He has been assistant clinical professor of medicine at the University of California School of Medicine, San Francisco, since 1950.

The Holweck Medal and Prize have been awarded by the Council of the Physical Society (London) to **Louis Neel**, of the University of Grenoble, for his work in magnetism.

**Donald L. Petitjean**, a student at the University of Wisconsin, has been awarded the \$2500 Merck Graduate Fellowship in Analytical Chemistry. The grant, sponsored by Merck & Co., Inc., makes possible a year's study at an institution of higher learning in the U. S. or Canada. Mr. Petitjean will continue research at the University of Wisconsin under the direction of W. J. Blaedel. The Merck fellowship, established in 1948, is given to the applicant whom the American Chemical Society considers likely to "contribute most to the advancement of the theory and practice of analytical chemistry during the period of the fellowship and the course of his future career." During the tenure of his fellowship, Mr. Petitjean will study methods of chemical analysis using high-frequency electrical instruments.

**Arthur C. Proetz**, professor of clinical otolaryngology at the Washington University School of Medicine, is the second American invited to give the annual Semon Lecture in London. A memorial to Felix Semon, one of the distinguished laryngologists of the Victorian era, the lectureship is the highest distinction offered by British laryngology. Dr. Proetz will speak on some phase of nasal physiology at the University of London in November.

**Piya Rangsit**, Siamese scientist and prince, has been visiting the Communicable Disease Center, Public Health Service, and the School of Veterinary Medicine, University of Georgia. His four-month visit to the United States is sponsored by the Department of State. The Department of Agriculture and the Public Health Service are planning his travel and visits to medical centers.

**Henry Sterling**, of the University of Wisconsin Geography Department, recently made his second trip to the mountainous region of Venezuela to draw up plans for extensive research to improve the area. The mission was undertaken at the request of the Venezuelan Rural Welfare Council and the American International Association, cooperating on a project to help solve agricultural, education, and health problems in the country.

On June 1, **John Fuller Taylor** will become professor of biochemistry and head of the department at the University of Louisville School of Medicine. He will succeed **A. W. Homberger**, who is retiring. Dr. Taylor has been assistant professor of biological

chemistry at Washington University School of Medicine.

**George Urdang**, professor of pharmacy at the University of Wisconsin, will retire from the university faculty this year, at the age of 70. A specialist in the history of pharmacy, Dr. Urdang came to this country in 1939, and shortly thereafter became director of the newly founded American Institute of the History of Pharmacy.

## Education

The **Air Force Cambridge Research Center** seminars of the Geophysical Research Directorate will have **J. Holmboe**, of the University of California, Los Angeles, as a speaker on May 16. He will discuss "The Stability of Parallel Flow." **J. Kuettner**, of the Geophysics Research Division, will end the current series on June 6 with a "Discussion of Traveling Waves and Clear Air Turbulence in the Jet Stream." The seminars, which are held in South Boston, will be resumed in September. For information, write to **Ephraim Radner**, 230 Albany St., Cambridge 39, Mass.

**Duke University** Marine Laboratory, in cooperation with the Fish and Wildlife Service, will offer a course in Biohydraulics June 16-July 19. **Milo Bell**, technical coordinator for the Washington Department of Fisheries and consultant to the Salmon Commission, will teach the course. Further information may be obtained from the director of the Summer School.

In cooperation with the National Science Teachers Association the **University of Michigan** will hold a workshop in the Teaching of Science in the Elementary and Secondary Schools, June 23-July 3. The NSTA summer conference on science teaching will be held on the campus June 26-28.

**Ohio State University** College of Arts and Sciences will make changes next fall in its bachelor of science program. The new plan will permit students to change their fields of specialization with the least possible waste of time and credits, and eliminate certain restrictions on sequence of courses. One requirement will be 25 hours of studies in the social sciences, humanities, and philosophy. Not more than 75 hours may be taken in any one department, and 10 hours of work must be taken in mathematics.

At the **University of Pittsburgh** School of Pharmacy, **Edward P. Claus** will be in charge of a course in Allergenic Plants, June 16-July 25. The course is designed for advanced students of botany or pharmacognosy and for physicians interested in allergy. It will include field observations of hay fever trees, grasses, and weeds, laboratory identification of wind-borne pollen grains and spores, and cultural studies of allergy-producing molds.

**Temple University** School of Medicine is inaugur-

ating a program of graduate study in the basic medical sciences leading to the M.S. and Ph.D. in anatomy, microbiology, pharmacology, physiological chemistry, and physiology. Only a limited number of students can be accommodated, and preference will be given to applicants for teaching fellowships carrying an annual stipend of \$1800.

Because of continued financial loss in the operation of the FM radio station **WDET**, the **UAW-CIO** has made a gift of the land and all equipment to **Wayne University**, which will use the station for the training of students and for educational and cultural programs.

## Grants and Fellowships

The **Duke University** Marine Laboratory is offering 10 graduate scholarships, covering tuition, board, and room, for summer work in one of the following courses: Marine Ecology, June 12-July 19; Biohydraulics, June 16-July 19; Marine Invertebrate Zoology, July 22-Aug. 29; Special Problems in Botany, July 22-Aug. 29. Applications and transcripts should be sent to **C. G. Bookhout**, Zoology Department, Duke University.

Seventy-one **Public Health Service** fellowships have been awarded to researchers in institutions in 17 states and Canada and to 7 U. S. residents who will study in Denmark, England, France, and Sweden. Universities in California received 16 grants; Illinois was next with six grants. Total funds allotted amounted to \$184,641.

In its first quarterly report for 1952, the **Rockefeller Foundation** listed appropriations totaling slightly more than \$2,000,000. Among the projects receiving support are the Near East studies at Princeton; the program in the physical chemistry of proteins at Yale; the Scripps Foundation for Research in Population Problems at Miami University, Oxford, Ohio; economic behavior studies by the Survey Research Center, University of Michigan; the state health program of the University of North Carolina; and research in enzyme chemistry at the Massachusetts General Hospital. Research abroad received its share of support, with \$105,000 to the Tavistock Institute of Human Relations in London; \$200,000 to Sweden's Carolinian Institute for a surgical laboratory; and \$60,000 for Uruguay's Research Institute of Biological Sciences. Typical of the foundation's interest in international exchange of professional experience is the support given to the Gordon Research Conferences of the AAAS, to defray the expenses of foreign scientists who participate in certain of the conferences.

Grants and fellowships in excess of \$200,000 have been approved for 1951-52 by the Committee on Fellowships and Grants of the **Squibb Institute for Medical Research**. Grants ranging in amounts from \$100 to \$12,000 have been awarded to medical researchers and graduate students of institutions in 16

states, the District of Columbia, and Puerto Rico, as well as six foreign countries.

## In the Laboratories

**Bjorksten Research Laboratories** have formed a Radiochemicals Division, to be housed in especially constructed laboratory facilities at Madison, Wis. Howard L. Gottlieb, who has been studying at Oak Ridge, will be in charge of the new division.

**Cornell Aeronautical Laboratory** has recently appointed Karl Swartzel, former head of the Physics Department, to the director's office as staff scientist. Seville Chapman will succeed him as head of the Physics Department, Mark Foster will become head of the Development Division, and Robert Shatz will become head of Special Projects. Edward Dye will head the new Industrial Division. Richard H. Lloyd, of Experiment Incorporated, Richmond, has joined the Aero-Mechanics Department as a research engineer in composite design.

**Houston Oxygen Company** has opened its new million-dollar plant for the production of pure liquid oxygen and nitrogen, and pure oxygen, nitrogen, and argon gases. At the same time the first pipeline to supply multiple industrial customers with dry oxygen gas was put into operation.

**Los Alamos Scientific Laboratory** has added the following scientists to its staff: Theodore M. Benziger to the GMX Division, and Robert D. Fowler, former professor of chemistry at Johns Hopkins, to the CMR Division.

Harold J. Koepsell has joined the staff of **Parke, Davis Research Laboratories** as head of a group of researchers on the microbiological and biochemical aspects of antibiotic fermentation. He was formerly with the Fermentation Division of the USDA Northern Regional Research Laboratory. Frances R. Roegner and DeVere M. Gallup have joined the same division.

**Sharp & Dohme** has appointed two new research associates: Alfred A. Tytell, of the College of Medicine, University of Cincinnati, to work in antibiotics, and Charles J. Wiley, of Foote Mineral Co., to work in chemical development.

At **Southwest Research Institute**, Robert J. Anderson, consulting metallurgist, has been appointed head of the new Department of Metallurgy, and Judson Swearingen has been named director of petroleum technology. Dr. Swearingen has been chairman of chemical engineering at Southwest.

**Union Carbide and Carbon Corporation** has named Morse G. Dial president to succeed Fred H. Haggerson who will continue as chairman of the board. Walter E. Remmers, president of the Electro Metallurgical Company and U. S. Vanadium Company, both divisions of Union Carbide, has been made vice president of the Alloys Division.

## Meetings and Elections

The meetings of **AAAS Section I (Psychology)** will be held Dec. 29-30, during the annual meeting in St. Louis. Abstracts should be submitted not later than *Sept. 15* to Delos D. Wickens, section secretary, 404 University Hall, Ohio State University, Columbus 10, and should not exceed 600 words excluding title. They should include the author's job affiliation and his name as he would like it to appear on the program. Participants need not be members of the AAAS.

The **American College of Cardiology** will hold its first annual convention in the Hotel Statler, New York, June 6-7. Four scientific sessions will be devoted to a symposium on "Treatment of the Cardiac." For full information, write Philip Reichert, 480 Park Ave., New York 22.

The **Eastern Psychological Association** has elected Neal E. Miller president; G. G. Lane secretary (3 years); and Stuart W. Cook, Fred S. Keller, and Carl Pfaffmann to the Board of Directors.

**Flame Photometry in Clinical Chemistry** will be the subject of a symposium sponsored by the American Association of Clinical Chemists at Walter Reed Army Hospital at 8:00 P.M., May 13. John Reinhold, Robert Bowman, and Robert Berliner will be the principal speakers. Following the program the association will undertake the formal organization of a Washington Section. All interested persons in the Washington area are invited to attend.

An **International Symposium on Anthropology** will be held by the Wenner-Gren Foundation for Anthropological Research in New York June 9-20. Eighty-five scholars, including 33 from foreign countries, have been invited. A. L. Kroeber will be president of the symposium. Theme of the meeting will be "A World Survey of the Status of Anthropology."

The third **National Medicinal Chemistry Symposium** will be held June 12-14 at the University of Virginia. Subjects to be discussed include the chemotherapy of virus infections, the role of the pituitary and the adrenal cortex in homeostasis, drug metabolism, the circulatory system, and enzyme chemistry in relation to the action of medicinal agents. Scientists from various universities and laboratories, including Oxford University and St. Mary's Hospital Medical School, London, will participate. Alfred Burger, of the Virginia Department of Chemistry, is general symposium chairman.

A **Symposium on Colloidal Electrolytes**, in honor of Herman V. Tartar, member of the Department of Chemistry and Chemical Engineering, University of Washington, for 35 years, will be held May 19-20. Four informal discussion sessions, under the leadership of M. L. Corrin, R. M. Fuoss, C. A. Kraus, and P. J. Debye will be held. Further information may be obtained from E. C. Lingafelter, University of Washington, Seattle.

## Miscellaneous

The Danish research ship *Galathea*, which operated during January in New Zealand waters, visited the Kermadecs in February. On her way to the Kermadecs she surveyed the trench off the Auckland coast in the expectation of finding deeper water than the present record of 34,000 feet. During this phase of the work the following scientists were invited to join the expedition: A. W. B. Powell, of Auckland Institute and Museum, chairman of the Pacific Science Association Subcommittee on Biological Oceanography; R. K. Dell, of Dominion Museum, Wellington; M. Cassie, of the New Zealand Marine Department; and Richard Morita, of the University of California. Mr. Morita, representing the Office of Naval Research, Washington, is working primarily on the isolation of deep-sea microorganisms, continuing the work of Claude E. ZoBell (*SCIENCE*, 114, 429 [1951]; 115, 507 [1952]), who left the ship at New Guinea last October. Another study planned for the expedition is of the inner ear organs of fish, by Thure Vilstrup, of Copenhagen.

At its annual meeting in Washington, D. C., the National Academy of Sciences made the following gold medal awards: the Alexander Agassiz Medal to Harry A. Marmer, U. S. Coast and Geodetic Survey; the Daniel Giraud Elliot Medal to Henry B. Bigelow, Harvard, and the James Craig Watson Medal (established in 1874) to Herbert R. Morgan, Yale. The Henry Draper Medal, awarded to the late Bernard Lyot, Meudon Observatory, Paris, prior to his death, was accepted on behalf of the Lyot family by the French Ambassador.

A. R. Todd, professor of organic chemistry at Cambridge University, has been appointed to the chairmanship of the British Advisory Council on Scientific Policy. The appointment took effect at the end of March upon the retirement of Henry Tizard. F. Zuckerman will continue as deputy chairman to the council. Professor Todd retains his position at Cambridge.

## Recent Deaths

Wingate M. Anderson (57), former president, Standard Oil Company of Brazil, Sharon, Conn., Mar. 22; George B. Bader (56), pediatrician, New York, Apr. 18; Julien Besançon (90), specialist in longevity, Paris, Apr. 16; Louis H. Bridwell (—), zoologist, Forestburg, Tex., Oct. 29, 1951; Barney Brooks (67), surgeon, Nashville, Tenn., Mar. 30; A. Cambron (58), chemist, Ottawa, Ont., Feb. 22; William H. Campbell (100), educator, Chicago, Apr. 15; R. Franklin Carter (57), surgeon and diagnostician, New York, Apr. 19; Lewis W. Chubb (69), electrical engineer, Pittsburgh, Apr. 2; William R. Cole (72), food technologist, North Andover, Mass., Apr. 11; Harold T. Coss (52), ceramic engineer, New York, Mar. 12; Harry R. Darling (73), formerly of Eastman Kodak Company, Wolcott, N. Y., Apr. 8; Arthur W. Dean (81), highway engineer, Winchester, Mass., Mar. 20; Louis Dede (67), former editor *Physikalischen Berichte*, Germany, Aug. 23, 1951; Richard E. Dodge (84), geographer,

Willimantic, Conn., Apr. 2; André Dreyfus (55), geneticist, São Paulo, Feb. 16.

Charles R. Forbes (74), engineer, Washington, D. C., Apr. 10; Malcolm C. Foster (58), mathematician, Middletown, Conn., Apr. 9; Leonard E. Hill (85), physiologist, Corton, Eng., Mar. 30; William E. Howes (57), of Brooklyn, N. Y., radiologist, Honolulu, Apr. 5; George R. Irving (61), pediatrician, New York, Apr. 14; Lambert L. Jackson (81), educator, Tucson, Ariz., Mar. 28; Felix Jacobi (69), gynecologist, New York, Apr. 1; Austin F. James (81), dentist, Beverly Hills, Calif., Apr. 13; Elizabeth Jarrett (87), physician, New York, Mar. 26; Lewis J. Johnson (85), civil engineer, Cambridge, Mass., Apr. 15.

Robert Kahn (67), ophthalmologist, New York, Mar. 26; Maxwell H. Kaiden (62), ear, nose, and throat specialist, New York, Apr. 9; Raymond A. Kelsner (60), veterinarian and bacteriologist, Philadelphia, Apr. 16; Harold Kirby (52), zoologist, Berkeley, Calif., Feb. 21; Edwin R. Knapp (—), engineer, Florham Park, N. J., Mar. 25; Rudolf W. Ladenburg (69), physicist, Princeton, N. J., Apr. 3; Marie Litzinger (52), mathematician, Bedford, Pa., Apr. 7; Ugo Lombroso (—), physiologist, Genoa, Italy, Apr. 11; Bernard Lyot (55), of Paris, astronomer, Cairo, Egypt, Apr. 1; George M. Mackenzie (66), of Cooperstown, N. Y., pathologist, Charlottesville, Va., Mar. 25; Robert M. Marcussen (34), internist, Menlo Park, Calif., Apr. 13; Thomas W. Marshall (80), civil engineer, Washington, D. C., Mar. 28; Henry D. Minich (62), plastics executive and inventor, Tarrytown, N. Y., Mar. 22; Charles E. Mongan (92), physician, Somerville, Mass., Apr. 13; Roger L. Morrison (68), highway engineer, Ann Arbor, Mich., Mar. 23; Chester D. Mott (64), research engineer, Evanston, Ill., Apr. 1.

Earl R. Norris (56), biochemist, Seattle, Wash., Mar. 30; Louis G. Pacent (58), radio engineer, New York, Apr. 7; Edward F. Parks (85), inventor, Providence, R. I., Apr. 5; J. Randolph Perdue (43), obstetrician, Miami Beach, Fla., Mar. 27; James L. Peters (62), zoologist and ornithologist, Cambridge, Mass., Apr. 19; David Polowe (—), surgeon, Paterson, N. J., Apr. 3; Carl E. Pretzell (76), chemist, Bremerhaven, Germany, Apr. 2; Theodore Reichbaum (55), cardiologist, Easton, Pa., Apr. 16; Ernest W. Riggs (70), educator, Dallas, Tex., Mar. 25; Fred J. Sales (51), educator, Redlands, Calif., Mar. 24; Ernest R. Smith (60), geologist, Ithaca, N. Y., Mar. 20; Max Steineke (54), geologist, Los Altos, Calif., Apr. 16; John J. Sweeney (62), obstetrician, Philadelphia, Apr. 18; Douglas Symmers (72), pathologist, New York, Apr. 19; Edward Taylor (76), engineering mathematician, Claremont, Calif., Apr. 7; C. Forrest Tefft (62), ceramicist, Columbus, Ohio, Apr. 12; Francis M. Turner (61), publisher and chemist, Manhasset, N. Y., Apr. 3; James G. Vail (65), chemist, Delhi, India, Dec. 11, 1951; Fanny von Hann-Kende (60), psychoanalyst and psychiatrist, New York, Apr. 14; Julius B. Wantz (78), engineer and inventor, River Forest, Ill., Apr. 6; George G. Weinert (52), physicist and mechanical engineer, Lakewood, N. J., Mar. 22.