

### A Correction

Last week in this space it was incorrectly stated that Bennett A. Robin was indicted in connection with the drug Mer/29, a product of the Richardson-Merrell Company. Robin has had no connection with Richardson-Merrell or Mer/29. He was indicted for reporting fictitious tests on five other drugs to their manufacturers, thus "willfully causing the manufacturers of the five drugs to file false case studies with the FDA in support of their applications for FDA approval of the drugs." Richardson-Merrell is currently under investigation by a grand jury in connection with Mer/29 in another respect. The company voluntarily withdrew the drug from the market.

of research on the reactions of normal people under stress."

Two field studies of responses to the news were undertaken immediately. One, under the auspices of the University of Chicago, was nationwide; the other was confined to Washington, D.C. Both studies used the interview technique and were said to have utilized cross sections of the population.

The interviewers were interested in such questions as these: How did people behave during that weekend? What did they do? What kind of emotional reaction did they actually experience—was it grief, or guilt, or panic, or what? What assumptions did Americans make about the "meaning" of the assassination—who did they think did it, and why, and how did their response fit in with their general views about America? How did the institutions of society stand up under the sudden pressure—how did people use their churches, clubs? How did people use the mass media—did they take comfort from its widely commended 24-hour coverage, and why? What social or emotional function did it fulfill?

The initial interviews were completed soon after the event; most of the material, however, remains to be collated, organized, and developed. How fast this can be done, and whether follow-up studies can be undertaken, depends on whether the participating social scientists succeed in attracting a foundation to underwrite them. Lack-

ing this, it will be a spare-time project for those involved. An informal committee—the group that met in Washington—is coordinating the work. The members of that committee are Leonard Duhl, Eric Lindemann, Marc Fried, Peter Rossi, Donald Michael, Robert Leopold, William Soskin, Henry Reicken, and Robert Bower. (Inquiries may be addressed to Robert Bower, Bureau of Social Science Research, 1424 16th Street, NW, Washington, D.C.)

Meanwhile, the politicians are using their own techniques and resources to determine the impact of the assassination of the President, and its meaning for the country. It is an odd occasion for a partisan split, but so far the tendency has been for Republicans to consider the assassin an isolated madman, while the Democrats talk of a social malaise more general and call, as J. William Fulbright (D-Ark.) has done, for "a national self-examination." "It may be," Fulbright said in a speech in Washington on 5 December, "that the cause lies wholly in the tormented brain of the assassin. It may be that the nation as a whole is healthy and strong, and entirely without responsibility for the great misfortune that has befallen it. It would be comforting to think so. I for one," Senator Fulbright continued, "do not think so. I believe that our society, though in most respects decent, civilized, and humane, is not, and has never been, entirely so. Our national life . . . has also been marked by a baleful and incongruous strand of intolerance and violence."

Senator Thruston Morton (R-Ky.) does not agree. "It was not a flaw in the American system or the American character that struck down John Kennedy," he told his fellow senators last week. "It was not the sin of a city or of its citizens. It was not a tragedy that struck from some dark stain of violence on the American system or in the American soil. . . . Let us mourn the terrible event," Morton went on, "but let us not mourn for the American soul—for that soul is stout and lighted by truth and faith."

The House Republican Policy Committee, in a statement issued last weekend, took a position akin to Morton's: "There is guilt," the Republicans said, "but it is not American guilt, but the guilt of the murderer. There is hatred, fanaticism, and bigotry in the world, but America is not its source, or loyal Americans its practioners."—E.L.

### Announcements

Pennsylvania State University plans to open a graduate center for **scientists and engineers** at King of Prussia, Pa. The center, the university's first resident graduate facility located away from the University Park campus, is scheduled to begin its program 9 January, with a curriculum leading to the master of engineering degree. A. Witt Hutchison, chemistry professor at the university, has been named assistant dean of the graduate school, and director of the new center.

The University of Illinois has established a **water resources** center to administer grants and review proposals for support of water research programs. The center will include programs of related departments in the university, along with the engineering and agricultural experiment stations on the campus; it will also work with the Illinois water, geological, and natural history surveys.

### Meeting Notes

The National Society for **Programmed Instruction** has issued the call for papers for its annual convention, scheduled 1-4 April in San Antonio, Texas. The meeting will include papers on theory and experimentation, methodology, training technology, administration, and application of programmed instruction. Abstracts of 300 words are required in triplicate. Deadline: 5 January. (NSPI Program Committee, Trinity University, 715 Stadium Drive, San Antonio, Tex. 78212)

The 1964 national **telemetering** conference is scheduled 2-4 June, in Los Angeles, Calif. Papers are invited on the applications of telemetry in biomedicine, manufacturing, geology, spacecraft, oceanography, and zoology. Deadline for receipt of completed papers: 1 January. (W. S. Pope, Natl. Telemetering Conference 1964, 8420 Quinn St., Downey, Calif.)

### Courses

The school of chemistry at the University of Minnesota is accepting applications for a program in the **physical chemistry of radiation processes**. The

course aims to provide fundamental training for biological scientists currently active in the field. Stipends generally equal current yearly salaries of the recipients. Deadline for applications: *15 January*. (R. Lumry, Department of Chemistry, University of Minnesota, Minneapolis 14)

A 15-week course in **chemical instrumentation** is scheduled to begin 3 February at Wagner College, Staten Island, N.Y. Lectures and laboratory sessions will be held two evenings a week. Class enrollment is limited. (W. P. Ferren, Department of Chemistry, Wagner College, Staten Island, N.Y.)

### Scientists in the News

**Ichiro Satake**, former professor of mathematics at the University of Tokyo, Japan, has been appointed professor of mathematics at the University of Chicago.

**Dale R. Lindsay**, former chief of the division of research grants at NIH, has become deputy to the general director for research administration at Massachusetts General Hospital.

**Nils L. Muench**, of the Institute for Defense Analyses, Washington, D.C., has been named head of the physics department at General Motors Research Laboratories.

**Robert H. Krehbiel**, professor of anatomy at the University of Illinois medical college, has taken a 2-year leave of absence to serve as professor on service at the school of medicine in Chiangmai Hospital, Chiangmai, Thailand.

**Frank Goldby**, head of the anatomy department in St. Mary's Hospital Medical School of the University of London, is visiting professor of anatomy at the University of Illinois during the 1963-64 academic year.

**Merton M. Gill**, formerly at the San Francisco Psychoanalytical Institute, has been named research career professor of psychiatry at the Downstate Medical Center of the State University of New York. The position, financed under an NIH grant, carries an annual salary of \$25,000 and is for the duration of the recipient's career.

**Wayburn S. Jeter**, formerly associate professor of bacteriology at the State University of Iowa, has joined the University of Arizona as professor of microbiology and medical technology.

**Dan I. Bolef**, formerly advisory physicist of Westinghouse Research Laboratories, Pittsburgh, Pa., has become a professor of physics at Washington University, St. Louis, Mo.

**Carl S. Marvel**, chemistry professor at the University of Arizona, has been named recipient of the 1964 international award in plastics science and engineering, the highest honor of the Society of Plastics Engineers. It cites him for his basic research leading to the development of new high temperature resistant polymers. The award and a \$1000 honorarium will be presented 29 January, during the society's annual technical conference in Atlantic City, N.J.

**Elvis J. Stahr, Jr.**, president of Indiana University, has been elected president of Midwestern Universities Research Association (MURA).

**Stanley H. Autler**, former staff physicist at Lincoln Laboratories, M.I.T., has been named head of cryophysics research at Westinghouse Research Laboratories.

**Edward L. Brady**, formerly assistant chairman of the chemistry department at General Atomic Division, General Dynamics Corp., has been appointed chief of the office of the National Standard Reference Data Program, National Bureau of Standards.

**Clem O. Miller**, formerly with the National Institute of General Medical Sciences, has become coordinator of scientific committees at the U.S. Food and Drug Administration.

Ohio Northern University, Ada, Ohio, has appointed **Robert P. Fischelis** dean of the college of pharmacy and professor of contemporary pharmacy. He was a special pharmacy consultant to the Bureau of Family Services in the Welfare Administration, Department of Health, Education, and Welfare.

**William L. Nyhan**, former associate professor of pediatrics at Johns Hopkins University, has become professor

and chairman of the pediatrics department at the University of Miami medical school, Coral Gables, Fla.

**Walter G. Wadey**, formerly chief scientist for the Bowles Engineering Corp., has been named chief scientist for Washington Technological Associates, Rockville, Md.

**Victor L. Loosanoff**, senior scientist at the U.S. Bureau of Commercial Fisheries and director of the Biological Laboratory, Tiburon, Calif., has been appointed adjunct professor of marine biology at the University of the Pacific.

**Gregory Bateson**, formerly with the Veterans Administration Hospital, Palo Alto, Calif., has been named chairman of the communication division, and associate director of the Communication Research Institute, Miami, Fla.

The American Society of Parasitologists' Henry Baldwin Ward award has been presented to **Leon Jacobs**, chief of the Laboratory of Parasitic Diseases, NIH. The \$1000 award cites him for his research on parasites, and in particular, his extensive studies on toxoplasmosis.

**Walter W. Baker**, associate professor of pharmacology and psychiatry, Jefferson Medical College, has been named senior scientist in neuropharmacology at the Eastern Pennsylvania Psychiatric Institute.

**Glen R. Leymaster**, associate secretary of the council on medical education and hospitals of the American Medical Association, has been appointed president and dean of the Woman's Medical College of Pennsylvania, as of 1 January.

Union Carbide Corporation has appointed **Robert G. Breckenridge** director of research at its Tarrytown, N.Y., research institute. He is succeeded as research director of Parma Research Laboratory by **Charles E. Winters**, formerly assistant research director.

**William M. Helvey**, former assistant director of Republic Aviation's research division and chief of the space environment and life sciences laboratory, has been appointed technical director of the bio-astronautics organization, Lockheed Missiles and Space Co., Sunnyvale, Calif.

**Karl R. Johansson**, associate professor of environmental health at California Institute of Technology, has been appointed chief of the research grants branch, National Institute of Neurological Diseases and Blindness.

**Kaj Aa. Strand**, director of the U.S. Naval Observatory's astrometry and astrophysics division, has become scientific director of the observatory, succeeding **Gerald M. Clemence**, who retired from the post.

**Douglas Knight**, former president of Lawrence College, Appleton, Wisconsin, has become president of Duke University, succeeding **Deryl Hart**, who has been designated president-emeritus of the university.

The new president of Vitro Electronics is **Vernon M. Setterholm**, formerly vice president of the organization.

**Joseph T. Wearn**, dean emeritus of Western Reserve University medical school, has been awarded the John M. Russell award by the Markle Scholars in Academic Medicine. The award and its accompanying \$1000 honorarium are presented for outstanding contributions to academic medicine, which are felt to be outside the recipient's own specialty field.

**O. Kenneth Johnson**, of the University of Illinois, has been named president of the Illinois Society of Oral Surgeons, a newly organized society of licensed oral surgeons.

**Erwin M. Sieron**, former vice president of Bendix Field Engineering Corporation, has been appointed president of Western Scientific Instrument Company.

**Robert M. Boynton**, professor of psychology and optics at the University of Rochester, has been named director of the school's new Center for Visual Science.

**Berndt L. Kolker**, former director of research and vice president for development at the University of Kansas City, has become director of applied economics at the Southwest Research Institute, Houston, Tex.

Republic Aviation Corporation has named **George A. Albright** chief of space environment and life sciences. He

was formerly in the department of internal medicine at the Mayo Foundation, Rochester, Minn.

**Ralph L. Van Peurse**, formerly head of the Rochester Institute of Technology chemistry department, has been named dean of the recently created college of science at the Institute.

**Carl G. Hartman**, of the Margaret Sanger Research Bureau, has received the Barren Foundation medal for outstanding contributions in reproductive endocrinology.

The American Chemical Society has named **Edward L. King**, chemistry professor at the University of Colorado, editor of *Inorganic Chemistry*, succeeding the journal's first editor, **Robert W. Parry**, chemistry professor at the University of Michigan. Dr. King will assume his duties on 1 January, when the magazine becomes a monthly publication.

## Films

**Principles of the Optical Maser** (30 minutes; color; free loan); fundamental physical concepts of the optical maser, and comparison of the maser with standard radio and microwave oscillators. Laboratory demonstrations of gas and solid state optical masers.

**Physical Chemistry of Polymers** (21 minutes; color; free loan); effects of molecular size and shape, and action of molecules on physical properties of polymers.

(Available through local Bell Telephone Company business offices)

**The Diagnosis of Hidden Congenital Anomalies** (10 minutes, color; rent, \$5, plus shipping). Simple method of examining new-born children for choanal atresia, laryngeal stenosis, tracheoesophageal fistula, intestinal obstruction, rectal atresia, cleft palate, and diaphragmatic hernia. (National Foundation—March of Dimes, Professional Film Library, Association Films, Inc., 799 Stevenson St., San Francisco 3, Calif.)

**Scatter Radar, Space Research from the Ground** (23 minutes, color; free loan or \$73.42 purchase); projects being performed at the Jicamarca Observatory, National Bureau of Standards facility in Lima, Peru. Explains the

scatter radar technique, and how the Jicamarca antenna accomplished it. Also details the cooperative work between the NBS and the Instituto Geofísico del Perú. (Office of Technical Information, NBS, Washington, D.C.)

**The Rhesus Monkeys of Santiago Island, Puerto Rico** (33 minutes, color, free loan); observations by scientists from the National Institute of Neurological Diseases and Blindness, on behavioral activities of primates. Includes dominant-subordinate behavior among individuals and groups, feeding, mother-infant relations, and mating. Information Office, NINDB, Bldg. 31, Rm. 8A-08, NIH, Bethesda, Md.

The following are available from International Film Bureau, Inc., 332 S. Michigan Ave., Chicago, Ill. Each is in color, and costs \$195, purchase; \$12.50, rental.

**The Boreal Forest** (19 minutes); North American coniferous forest biome as an ecological community; shows community structure based on dominant plant and insect species.

**Conservation and Balance in Nature** (18 minutes); balance in natural ecological systems, related to man's effect on his environment; shows animal adaptations and man's role in changing the existing balance in biological communities.

**The Prairie** (18 minutes); ecological community of the North American prairie, including typical animals, plants, grasses, and insects.

**Mitosis** (24 minutes; color, #1900, \$260; black and white, #1901, \$130). Fundamental process of cell division in plants and animals, and its importance to body growth and maintenance; shows effects of chemicals and radiation. (Encyclopaedia Britannica Films, 1150 Wilmette Ave., Wilmette, Ill.)

**The Little Plover (River) Project. A Study in Sand Plains Hydrology** (33 minutes; color; \$220 purchase, \$6 rental). How geologists and engineers collect and interpret data to determine the occurrence, movement, and amount of water available in a particular area; interrelations of ground water and surface water; predictability of effects of water uses on stream flows and ground water levels. (University of Wisconsin Bureau of Audio-Visual Instruction, 1312 W. Johnson St., Madison 6)