Frank B. Jewett Fellowships

Five young scientists, including a young woman mathematician, were named on February 5 by Bell Telephone Laboratories to receive the 1950-51 Frank B. Jewett post-doctoral fellowships. The awards, for research in the physical sciences, grant $3,000 to the recipient and $1,500 to the institution at which he chooses to do his research.

Winners of this year's awards are: Dr. James Bruce French of the Massachusetts Institute of Technology, Cambridge, Mass.; Dr. Ilse Lisl Novak of Wellesley College and New York City; Mr. Robert Frank Steiner of Harvard University and Coral Gables, Florida; Dr. David Emerson Mann of the University of Minnesota, Minneapolis, Minn.; and Dr. Roy J. Glauber of the Institute for Advanced Study, Princeton, N. J. and New York City. Two of the winners are chemists, two are physicists and one a mathematician. Dr. Mann was also among the award winners last year.

Grants for the fellowships were established in 1944 by the American Telephone and Telegraph Company, upon the retirement of the late Dr. Jewett as Vice-President in charge of Development and Research. Since that time thirty-three fellowships have been granted.

The fellowships are awarded on recommendation of a committee consisting of seven members of the Technical Staff of the Laboratories. Primary criteria are the demonstrated research ability of the applicant, the fundamental importance of the problem he proposes to attack and the likelihood of his growth as a scientist. The awards are post-doctoral and only scientists who have recently received doctor's degrees or who are about to receive them are normally considered.

Brief biographies of the winners follow:

Dr. James Bruce French, 28, of 73 Upland Road, Cambridge, Mass., is a research associate at Massachusetts Institute of Technology. He attended Memorial University, St. John's Newfoundland, and was graduated from Dalhousie University, Halifax, Nova Scotia, in 1942 with a bachelor of science degree in physics and mathematics. He received a master of science degree from that institution in 1945 and in 1948 received his doctor's degree from Massachusetts Institute of Technology. He plans to conduct his research at the Institute for Advanced Study, on higher order radiative processes in the quantum theory of fields.

Dr. Ilse Lisl Novak, 26, of 1212 Fifth Avenue, New York City, is an instructor in mathematics at Wellesley College. She plans to continue research at the University of California at Berkeley, on the subject of relation algebras. She was graduated from Hunter College in 1944, received a master of arts degree from Radcliffe College in 1944 and her doctor's degree in mathematics from Radcliffe in 1948.

Robert Frank Steiner, 23, of 2623 North Greenway Drive, Coral Gables, Florida, is a graduate student at Gibbs Memorial Laboratory, Harvard University. He is engaged in light scattering investigations of the actin-myosin system. This system is related to the phenomena of muscular contraction. He received his bachelor's degree in chemistry from Princeton University in 1947 and this year expects to receive his doctor's degree in physical chemistry from Harvard. He plans to do his research at the University of California, at Berkeley.

Dr. David Emerson Mann, 25, of Como and 29th Avenues, SE, Minneapolis, Minn., is engaged in research in quantum mechanics at the University of Minnesota and plans to continue his work at Harvard. He was graduated from The College of the City of New York in 1944 with a bachelor of science degree in chemistry and physics. He received a master of science degree in 1948 from the University of Chicago and a doctor's degree from the same institution in 1948. Dr. Mann received a Jewett Fellowship for 1949-50.

Dr. Roy J. Glauber, 24, of 110 Seaman Avenue, New York City, is an Atomic Energy Commission Post-Doctoral Fellow at the Institute for Advanced Study, Princeton, N. J. His research, which he plans to do at the Institute, is related to the theory of elementary particles. He was graduated from Harvard College in 1946 with a bachelor of science degree in physics and received his doctor's degree from Harvard University in 1949. From 1944 to 1946 he was employed as a theoretical physicist with the Atomic Energy Commission at Los Alamos, N. M.

Best Heads New AT & T Department

Recently named a vice-president of the American Telephone and Telegraph Company, George L. Best will have charge of a new department, business research and new business development. Mr. Best joined the Bell System in 1922, and in 1946 was elected vice-president of Western Electric, in charge of patent licensing.

Succeeding Mr. Best as vice-president of Western Electric is J. R. Bransford, who has been Personnel Director.

T. E. Shea, some years ago a member of the Laboratories and lately President of Teletype Corporation, has resigned that office to become Personnel Director of Western Electric.