

Harrison Shull, Iowa State College, spectral properties of substituted benzenes; Abraham H. Taub, Illinois, gravitational field in relativity and of curved shocks in hydrodynamics; Nelson Wax, Illinois, studies of non-linear phenomena which occur during the course of motion of aggregates of charged particles.

The Fund for the Advancement of Education, established by the Ford Foundation, has announced the granting of 236 one-year fellowships to college and university faculty members in this country and Hawaii. The grants, which are valued at more than \$1.3 million, are designed primarily to enable the recipients to become better qualified to teach in their respective fields, which include the humanities, the social sciences and the natural sciences. The following have received fellowships in physics: E. P. Clancy, Mount Holyoke College; W. G. Clark, Mount Union College; L. N. Hadley, Jr., Dartmouth College; W. C. Kelly, University of Pittsburgh; R. W. Morse, Brown University; and H. D. Rix, Pennsylvania State University.

Summer Programs

Infrared spectroscopy will be the subject of two special summer programs at MIT. The first, "Technique of Infrared Spectroscopy", will be held July 19-23; the second, "Applications of Infrared Spectroscopy", will take place from July 26 through July 30. Details can be obtained from the Summer Session Office, Room 7-103, Massachusetts Institute of Technology, Cambridge 39, Massachusetts.

The University of Texas is offering three-week graduate programs on "New Developments in Communication Theory" (August 16 through September 3) and on "Composition and Properties of Oil Well Drilling Fluids" (August 26 through September 15). For further information write to W. R. Woolrich, Dean, College of Engineering, The University of Texas, Austin, Texas.

Fisk University is sponsoring its Fifth Annual Infrared Spectroscopy Institute during the week of August 30-September 3. The Institutes are planned to introduce physicists, chemists, biologists, and engineers to the usefulness of infrared spectroscopy in research and teaching. This summer, particular emphasis will be placed on the application of infrared and Raman spectroscopy to industrial research problems. Requests for additional information or for application forms should be directed to Dr. Nelson Fuson, Infrared Spectroscopy Institute, Fisk University, Nashville, Tennessee.

J. Franklin Carlson, professor of physics at Iowa State College Institute for Atomic Research, died on April 5th. He was fifty-five years old. Dr. Carlson attended the University of California, receiving his Master's degree in 1930 and his PhD in 1932. A theoretical physicist and cosmic-ray specialist, he had been affili-

ated with Iowa State College since 1946. During World War II he was a staff member of the Radiation Laboratory at the Massachusetts Institute of Technology. He was a fellow of the American Physical Society.

Lloyd A. Jones, recently retired as chief physicist of the Eastman Kodak Company research laboratory, died May 15th at the age of seventy-three. A graduate of the University of Nebraska, Dr. Jones served as an assistant physicist with the National Bureau of Standards from 1910 to 1912 when he began his long association with Eastman Kodak. He became head of the physics division in 1916. Internationally known in his field, Dr. Jones was awarded the Progress Medal of the Society of Motion Picture Engineers in 1939 for his work in advancing motion picture technology. More recently he received the Frederick Ives Medal of the Optical Society of America (1943), and the Progress Medal of the Photographic Society of America (1950). A fellow of the American Physical Society, Dr. Jones also had served as president of both the Optical Society, in 1929-31, and the Society of Motion Picture and Television Engineers, 1923-26.

Egon K. Lorenz, chief of the radiation branch of the National Cancer Institute at Bethesda, Maryland, died February 12th at the age of sixty-two. Dr. Lorenz received his PhD in physics from Breslau University in 1921 and later, during 1923-28, studied medical physics at Frankfurt. He was a research fellow at Harvard University for two years and, in 1930, joined the U. S. Public Health Service. A biophysicist at the National Cancer Institute since 1939, much of his work has concerned efforts to modify the biological effects of radiation. He was a fellow of the American Physical Society.

Ilia E. Mouromtseff, professor of physics at Upsala College in East Orange, New Jersey, since 1947, died May 18th at his home in Montclair. He was seventy-two years old. Born and educated in Russia, Professor Mouromtseff established the first radio communication between St. Petersburg (Leningrad) and Paris, for which he received the Officer's Cross of the Legion of Honor. He came to the United States in 1917 and was associated with Westinghouse Electric Company from 1923 until 1947, serving as assistant manager of the electronic engineering department for five years. He was a member of the American Physical Society and a fellow of the Institute of Radio Engineers.

Henry S. Rawdon, former chief of the metallurgy division of the National Bureau of Standards, died May 14th at the age of seventy-three. Following his graduation from the University of Michigan in 1912 he joined the Bureau as assistant physicist. Mr. Rawdon was a member of the NBS metallurgy division from the time of its formation, and served as its chief from 1929 until his retirement in 1945. He was a member of the American Society for Metals.