of shock and detonation hydrodynamics at the Institute for Advanced Study and subsequently became a member of the Technical Section of the Naval Attache's Office in the American Embassy in London, working on military operations research. Toward the end of the war Dr. Calkin joined the staff of the Los Alamos Scientific Laboratory as a member of the Manhattan Project, remaining until 1946 when he accepted a Guggenheim fellowship at the California Institute of Technology. He later taught at the Rice Institute in Houston before returning to Los Alamos in 1949 as a member of the theoretical division. In 1958, he accepted a consulting appointment at New York University and at Brookhaven National Laboratory and, in 1961, was named head, and then chairman of the Applied Mathematics Department.

Dr. Calkin was a member of the American Physical Society and American Mathematical Society.

Henry J. Bolger, C.S.C.

Henry J. Bolger, C.S.C., associate professor of physics at the University of Notre Dame, died of a heart attack on May 4 at the age of 63. Father Bolger headed the Notre Dame Department of Physics from 1937 until September 1963. Under his guidance, undergraduate and graduate physics major programs were developed, and the full-time teaching staff grew to a total of 23.

Father Bolger was a native of Portland, Wisconsin. He graduated from Notre Dame in 1924 and received a master's degree from the Catholic University of America in 1929. Later, he did additional graduate work at the California Institute of Technology. From 1929 to 1932, he served as an instructor in the Physics Department at Notre Dame. In 1936, he was appointed associate professor in the Department. During World War II, he worked on the Manhattan District Project, returning to Notre Dame after the war, where he remained until his death. He was a fellow of the American Physical Society.