



In Remembrance

On June 16, 2013, James L. Massey, passed away at his home in Copenhagen, Denmark. In recognition of Jim's great service to and love for Notre Dame, the College of Engineering invites you to join us in honoring him.

A memorial Mass will be held on Friday, November 1, at 4:00 p.m. in the Holy Cross Chapel of the Stinson-Remick Hall of Engineering. It will be followed by a reception in the Stinson-Remick atrium. The Mass will be celebrated by the Rev. Edward A. Malloy, C.S.C., President Emeritus of the University of Notre Dame, and concelebrated by the Rev. Theodore M. Hesburgh, President Emeritus of the University of Notre Dame. All are invited to attend this special event in Jim's honor. So that we can properly plan for the reception, please RSVP to Michele Tharp at Michele.A.Tharp.6@nd.edu by Friday, October 4, if you plan to attend.

The College of Engineering is also launching a graduate fellowship in electrical engineering in Jim's name. Tax deductible contributions can be made here and designated for the "James L. Massey Graduate Fellowship in Electrical Engineering." Questions regarding the fund can be directed to Nathan Utz, academic advancement director for the College of Engineering, nutz1@nd.edu. We hope you will consider making a generous contribution to this worthy cause.

Finally, if you know of other individuals at Notre Dame, in the South Bend area, or in the wider community who knew Jim and may be interested in honoring his memory, please pass this information on to them.

Regards,

Peter K. Kilpatrick, McCloskey Dean of Engineering, College of Engineering

Thomas E. Fuja, Chair, Department of Electrical Engineering

Daniel J. Costello, Bettex Professor Emeritus, Department of Electrical Engineering



1956 CLASS VALEDICTORIAN
Department of Electrical Engineering

PROFESSOR, 1962-77
Department of Electrical Engineering

**THE FIRST ENDOWED CHAIR AT
THE UNIVERSITY OF NOTRE DAME**
The Frank M. Freimann Chair, 1972-77



**UNIVERSITY OF
NOTRE DAME**

College of Engineering

In Remembrance

JAMES LEE MASSEY (1934 - 2013)

James Lee Massey, Ph.D., internationally acclaimed pioneer in digital communications, died on June 16, 2013, in Copenhagen, Denmark, where he had lived since his 1998 retirement. Jim was born in Wauseon, Ohio, on February 11, 1934. He attended Notre Dame from 1952-56 on an NROTC scholarship, graduating maxima cum laude in electrical engineering as the 1956 Class Valedictorian. His twin Jerry was also a 1956 maxima cum laude graduate, ranking second in the class. After three years active service as a lieutenant in the U.S. Marine Corps, Jim attended the Massachusetts Institute of Technology (MIT), earning M.S. (1960) and Ph.D. (1962) degrees in electrical engineering. From 1962-77 Jim taught at Notre Dame, where he was appointed the Frank M. Freimann Professor of Electrical Engineering, thereby acquiring the distinction of filling Notre Dame's first endowed chair. Jim then taught briefly at MIT and the University of California at Los Angeles before accepting a position at the Swiss Federal Institute of Technology (ETH) in 1980, where he worked until his 1998 retirement. From 1998 until his death, he held an adjunct research appointment at Lund University (Sweden). He continued to be a productive researcher, scholar, and sought-after lecturer to the end of his life.

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Jim received virtually every honor and award available to communications engineers. He was a member of the U.S. National Academy of Engineering, the European Academy of Sciences and Arts, the Swiss Academy of Engineering Sciences, the Royal Swedish Academy of Sciences, and the Hungarian Academy of Sciences. In 1988, Jim received the Claude E. Shannon Award from the Institute of Electrical and Electronics Engineers (IEEE) Information Theory Society, its most prestigious prize, for "consistent and profound contributions to the field of Information Theory." In 1992, he was the recipient of the Alexander Graham Bell Medal, awarded annually by the IEEE for "exceptional contributions to the advancement of communications sciences and engineering." In 1999, he received the Marconi Prize for "advancements in communications," which includes a \$100,000 honorarium and an original work of sculpture.

Jim worked principally in coding theory and in cryptology. Revered and honored as a teacher, he became a mentor to an entire generation of communications engineers. Jim is survived by his wife, Lis Kofod Massey of Copenhagen; his twin-brother Gerald J. Massey, Distinguished Service Professor of Philosophy Emeritus at the University of Pittsburgh; his sister Joan Massey Kramer of Sylvania, Ohio; four sons (Thomas Aquinas Massey, Robert Bellarmine Massey, Peter Canisius Massey, and John Damascene Massey); two stepsons; six grandchildren; seven step-grandchildren; and one step-great-granddaughter.