Professor James Gordon Simmonds (1935-2015)

See:
http://ce.virginia.edu/faculty/simmondsjg.html
http://orlabs.oclc.org/identities/lccn-n82-11628/
http://library.brown.edu/find/Author/Home?author=Simmonds%2C+James+G.
http://www.barnesandnoble.com/c/james-g.-simmonds
http://www.amazon.com/James-G.-Simmonds/e/B001IU10J6

Partial Obituary (From The Daily Progress, Charlottesville, Virginia, December 13, 2015):
Dr. Simmonds joined the faculty at the University of Virginia in 1966 as a member of the Department of Applied Mathematics and Computer Science after completing his PhD at the Massachusetts Institute of
Technology, and his post-doctorate at Harvard University. In 1998 he became Professor Emeritus, and continued his service to the University in a variety of ways until his death, including his involvement with the Jefferson Scholars program. He made outstanding contributions to his field, including authoring over 120 papers, three books, and translating an advanced text from French to English. During his career, he received numerous awards and honors, including the Distinguished Professor award from UVA, and most recently the Warner Koiter Medal from the American Society of Mechanical Engineers. In addition to his distinguished academic career, Jim was a champion and supporter of many causes and organizations. In 2001, he was the recipient of the Nature Conservancy of Virginia's Volunteer of the Year Award. He touched many lives through his teaching, community service and devotion to family and friends. He was a kind and generous soul with a huge inquisitive mind.

Education:
S.B. (aeronautical engineering) Massachusetts Institute of Technology, 1958
S.M. (aeronautical engineering) Massachusetts Institute of Technology, 1958
Ph.D. (applied mathematics) Massachusetts Institute of Technology, 1965

Experience:
• Research Associate, Massachusetts Institute of Technology, Cambridge, Massachusetts, postdoctoral work under the supervision of Professor Eric Reissner, 1964-1965
• Research Fellowship in Structural Mechanics, Harvard University, Cambridge, Massachusetts, under the supervision of Professor Bernard Budiansky, 1965-1966
• Department of Applied Mathematics and Computer Science, School of Engineering and Applied Science, University of Virginia, Charlottesville, Virginia
• Assistant Professor, 1966-1968
• Associate Professor, 1968-1971
• Professor, 1971-1986
• Lawrence R. Quarles Professor of Engineering and Applied Science, September 1986-1998
• Chairman, July 1989-June 1994
• Professor emeritus, June, 1998-
• Chairman, Applied Mechanics Group, School of Engineering and Applied Science, University of Virginia, Charlottesville, Virginia, 1968-1971
• Visiting Professor, Department of Solid Mechanics, Technical University of Denmark, Fall 1971
• NATO postdoctoral fellowship, Laboratory for Applied Mechanics, Technical University of Delft, Holland, Spring 1972
• Visiting Professor, Department of Aeronautical Engineering, Israel Institute of Technology, May-June 1984 (Lena and Ben Fohrman Lectureship Fund)
• Visiting Professor, Laboratoire de Mécanique et Technologie, ENS de Cachan, Université Paris 6, 1994-1995.

Professional Societies:
• American Academy of Mechanics, Fellow
Professional Service:
- Associate Editor, "Journal of Applied Mechanics" (1985-1991)
- Presidential Young Investigators Awards Panel, National Science Foundation
- Chair, Nominating Committee, American Academy of Mechanics
- Joint AMS, MAA, SIAM Committee on Preparation for College Teaching
- Board of Editors, Quarterly of Applied Mathematics, (1996-)
- Associate Editor, "Applied Mechanics Reviews" (1996-)

Past Major University and Engineering School Committees:
- Jefferson Scholars (National Selection Committee and math examiner)
- Many Ph.D. Advisory/Examining Committees
- University Teaching Awards Committee
- SEAS Committee on Minority Affairs
- Advisory Committee, Center for Multi-Ethnic and Cultural Affairs
- SEAS Promotions and Tenure Committee
- Faculty Forum (Executive Committee)
- Task Force on Restructuring the Office of African-American Affairs
- Coordinator, SEAS Conversation on Teaching
- Committee to Revise Promotion and Tenure Criteria in SEAS
- Faculty Senate
- University-wide Faculty Grievance Committee (Chair)

Honors:
2011 The Koiter Medal of the American Society of Mechanical Engineers
- 2006 The Worcester Reed Warner Medal of the American Society of Mechanical Engineers
- 2005 The University of Virginia Engineering Foundation’s Award for distinguished Service
- 2001 Outstanding Volunteer Award of The Nature Conservancy of Virginia
- The Raven Society, 1996
- Pólya Award of the Mathematical Association of America for best expository paper of 1995
• Elected Fellow of the American Society of Mechanical Engineers, 1992
• Appointed to the Lawrence R. Quarles Chair of Engineering and Applied Science, 1986
• Elected Fellow of the American Academy of Mechanics, 1984
• The University of Virginia Alumni Association’s Distinguished Professor Award, 1983
• President’s and Visitor's Research Prize in the Natural Sciences and Mathematics for 1980 (for a paper with A. Libai)
• MacWade Award, University of Virginia, 1980 (for outstanding service to the School of Engineering)
• Honors Program in Aeronautical Engineering (MIT)
• Tau Beta Pi (MIT, 1956)

Publications:

Books:


Refereed Publications:


Miscellaneous Publications:


**Master's Theses and Ph.D. Dissertations Directed:**


