

**Professor Dr. Don M. Jordan**  
**Center for Science Education / College of Arts and Sciences / CLS 108 / University of South Carolina**

BIOGRAPHICAL INFORMATION

**Name:** Don Jordan,

**Address:** Center for Science Education / Coker Life Sciences CLS 108/ University of South Carolina

Columbia, SC 29208

**Telephone number** (803) 237 2879

**Professional Field:** Mathematics & Mathematics Education

**Degrees:**

Ph. D., Mathematics (Linear Algebra), University of South Carolina, 1973

M.S., Mathematics (Numerical Analysis), University of South Carolina, 1968

B.S., Math Education, University of South Carolina, 1966

**Rank:** Full Professor, 1992 – 2020 (Retired Full Professor 2022 to Present University of South Carolina)

**Honors** (awards, medals, prizes, offices held in professional societies, with dates)

- **Received The Order of the Silver Crescent, the highest award for dedication, commitment and leadership an individual can receive in the state**
- **Elected Fellow of the American Association for the Advancement of Science (AAAS), AAAS honors as Fellow those of its members whose efforts on behalf of the advancement of science are scientifically or socially distinguished. Boston, Massachusetts. February 1993**
- **Recipient of the Helms Award of Excellence from the S. C. Science Council and the S. C. Hall of Science and Technology, December 1990. The Helms Award cites individuals for developing education opportunities for students and teachers in science and technology and for raising the level of public consciousness toward science education.**
- **President, NAAS (National Association of Academies of Science), 1992-93**
- **President, SCAS (South Carolina Academy of Science), 1993-94**
- **Eastern Director, USMA (United States Metric Association), 1984-Present**
- **Alpha Tau Omega (ATO) Faculty Advisor, 1978- Present. Recognized for contributions by the Department of Student Life USC, April 1994 •Elected USC Fraternity Council 1990 Advisor of the year and again in 2007.**
- **Founder and Chief Trustee of SCAS/SCJAS Trust Fund to provide Grants to students for research and Awards to students for their research. 1990 - Present: Over \$6,000 each year is awarded from this Trust.**
- **Coordinator and Founder of the SC CMS Program, a program to certify one teacher and/or school administrator in each of the 91 school districts in South Carolina as a Metrication Specialist. This program is supported and coordinated with the SC Department of Education, the South Carolina Academy of Science, and the U S Department of Commerce. (SC CMS is recognized as a nationwide pilot project, with over 100 school administrators and teachers certified as of October 2007.)**
- **Executive Director and Founder, SCAS MESAS (South Carolina Middle/Elementary School Academy of Science Grades 4-8), 1991-Present.**

**A Pioneering endeavor establishing a state-wide network and resulting in National Recognition: This program is devoted to increasing the number of students, especially females and minorities, entering science professions. When all seven regions are developed the program will reach throughout the state and have more than 10,000 student members. This Program was highlighted in the 1992-93 USC Presidents Annual Report**

- **Received Distinguished Award of Fellow given by United States Metric Association (USMA), St. Louis, Missouri, October 1988**
- **Received Award for teaching innovation for "Murder on the Coliseum Express" from ISII (International Society for Individualized Instruction), Windsor, Ontario, 1980**
- **Appointed National Chairman, first joint National Metric Conference, sponsored by the US Metric Association, American National Metric Council, US Department of Commerce, and USC, 1988-89**
- **Appointed Director of Central South Carolina Region II Science & Engineering Fair, 1995-96 & 1997, 98, 99, 2000, 2001, 2002, 2003. This appointment was made by the Dean of the College of Science and Mathematics and supported by the Office of the Provost. and the President of the University. Region II serves nine counties in South Carolina Midlands with over 700 students participating with 1500 parents and 250 Judges. (Summary in supplementary materials)**
- ***Elected, to the Council for the American Association for the Advancement of Science (AAAS) to represent Section (Y) on General Interest in Science and Engineering. Term begins on February 14, 1996 and runs through January 26, 1999. Again in 2004 runs through February 2009. AAAS is the largest science organization in the world.***

**Finalist for the Distinguished Teacher Award for 1998 & 2001.**

- **Winner of the Distinguished Researcher and Scholar College of Applied Professional Sciences, April 1996. (The highest honor given to any faculty member in the College of Applied Professional Sciences)**

***Chair UofSC Tenure and Promotion Committee 2014, Served Six Years***

Special Preparation in Major Field

Master's Thesis: "Numerical Solutions to Ordinary Differential Equations"

Dissertation: "Completely Positive Quadratic Forms" (Linear Algebra)

I have approximately 70 semester hours of graduate work with emphasis on Modern Algebra, Topology, Modern Analysis, Numerical Analysis, and Linear Algebra. My field of specialization is Linear Algebra, with special interest in research (pure and applied mathematics) and math and science education. I am a skilled programmer and teacher in three computer languages-- Basic, FORTRAN, and Pascal.