

# Outstanding Intellectual of the Twentieth Century Nominee Presents Paper at the 2005 Mathematical Association of America Conference in Albuquerque, New Mexico, USA

NORFOLK, VA – August 22 (SEND2PRESS NEWSWIRE) – On Thursday, August 4, 2005, Dr. Archie W. Earl, Sr., nominated to the International Biographical Centre of Cambridge, England, for recognition as an “Outstanding Intellectual of the Twentieth Century,” presented a paper at the MathFest 2005 Conference, of the Mathematical Association of America, in Albuquerque, New Mexico, USA. The paper Dr. Earl presented was entitled “A High-Tech In-Service Graduate Math Course.” In the presentation, Dr. Earl discussed some of the technologies that were used in a mathematics course that Dr. Eurice Dawley, Mrs. Mary Copeland, and he team-taught, to in-service mathematics teachers, during the fall semester of 2004.

Dr. Earl began his presentation with a discussion of the implementation of the Standards of Learning (SOLs) in public schools in the State of Virginia, USA. The SOLs are minimum standards that students in Virginia must achieve in order to graduate from high school. Dr. Earl stated that “Since the implementation of the SOLs, many school systems across Virginia, have experienced a need for teachers with more expertise in mathematics.” The high-tech in-service graduate mathematics course, “Algebra & Elementary Functions,” discussed in Dr. Earl’s paper, was developed, at least partially, to address that need.

Some of the technologies Dr. Earl discussed included, desktop computers; the PowerPoint presentation projector; the VCR; graphing calculators (the TI-73 and the TI-89); CBRs; Gizmos; Microsoft Excel; VHS, Online, and CD-ROM instructional mathematics videos; and online research.

He said that “The use of the technologies were modeled, during the course, with the hope that, when the teachers returned to the classroom, they would include them in their teaching strategies and implement them.”

Dr. Earl is an Associate Professor of Mathematics, in the School of Science and Technology, at Norfolk State University, in Norfolk, Virginia, USA. He holds an earned Ed.D. from the College of William and Mary, in Williamsburgs, Virginia, USA. He has written several articles and books about mathematics and technology in colleges and universities.

The Mathematical Association of America is the largest professional society of college and university mathematics teachers in the world, with over 30,000 members.

News issued by: Dr. Archie W. Earl, Sr.

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