

**James Madison University's
Research and Public Service Distinguished Service Award**

2011 AWARD RECIPIENT

Institute for Infrastructure and Information Assurance Technical Director

Dr. George H. Baker



Dr. Baker receiving the RPS Distinguished Service Award from Director of Research and Innovation Ken Newbold, during Dr. Baker's retirement party on December 8, 2011.

Short Bio:

Professor George Baker's professional background managing and implementing national defense and homeland security programs includes posts within academia, industry, and government. He led the Defense Nuclear Agency's EMP program during 1987-94 and recently served as a member of the Congressional EMP Commission Staff. He has provided consultation in the areas of infrastructure assurance, high power electromagnetics, nuclear and directed energy weapon effects, and risk assessment to a number of companies. In 1999, Dr. Baker joined the faculty of JMU's College of Integrated Science and Technology. In this position he taught undergraduate laboratory courses in analytical methods, instrumentation & measurement, energy, and complex systems. He participated in the development and implementation of JMU's Intelligence Analysis degree program, while serving as the Technical Director of JMU's Institute for Infrastructure and Information Assurance (IIIA), where he managed the initial start-up of the Institute, including development of the charter, design of the research program, structuring of the organization, name-branding, marketing and press coverage. Over the last ten years, Dr. Baker was responsible for the IIIA research program, where he developed technology and techniques to improve U.S. homeland security efforts.