

George H. Baker
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George Baker is emeritus professor of applied science at James Madison University. In addition to teaching graduate and undergraduate S&T courses at JMU, Baker directed the start-up and served as Technical Director of the University's Institute for Infrastructure and Information Assurance (IIIA). Much of his career was spent at the Defense Nuclear Agency (DNA) and the Defense Threat Reduction Agency (DTRA) directing national programs to protect strategic systems against EMP, including developing protection standards and guidelines. He also served as principal staff for the Congressional EMP Commission from 2002-2008. During 1996-1999 he served as Director, Springfield Research Facility - a national center for critical defense and infrastructure facilities vulnerability assessments. In this position he helped organize the JCS Force Protection Program and deploy the initial assessment teams. He now consults in the areas of critical infrastructure protection, EMP and geomagnetic disturbance (GMD) protection, nuclear and directed energy weapon effects, and risk assessment. He presently serves on the Board of Directors of the Nonprofit Foundation for Resilient Societies, the Board of Advisors for the EMP Task Force on National and Homeland Security, the JMU Research and Public Service Advisory Board, the North American Electric Reliability Corporation GMD Task Force, and the National Defense Industrial Association (NDIA) Homeland Security Executive Board. Baker holds a Ph.D. in engineering physics from the U.S. Air Force Institute of Technology and an M.S. in physics from the University of Virginia.