

ABOUT THE AUTHORS

DR. JOHN A. BATTILEGA is a senior manager and analyst with 40 years experience in national security programs. He is currently on the adjunct faculty of Graduate School of International Studies of the University of Denver. Dr. Battilega also serves on government advisory panels and as a consultant to the U.S. Department of Defense. From 1977-97 he directed a large multi-disciplinary, multi-lingual research team focused on the Soviet Union/Russia. The research program analyzed all aspects of Soviet/Russian military strategy, doctrine, force modernization, and war fighting methods in broad support to the U.S. Government. From 1969-77 Dr. Battilega directed the development of analytic methods and computer models used by the U.S. Government to study U.S. and Soviet nuclear forces. He retired in 1999 from Science Applications International Corporation (SAIC) after 26 years as Corporate Vice President and Director of SAIC's Foreign Systems Research Center. Previously, Dr. Battilega was a staff engineer with the Martin Marietta Corporation and a U.S. Army Officer and Vietnam veteran. He has served on the Defense Science Board, on the Board of Directors of the U.S. Military Operations Research Society, and on the graduate faculty of the Defense Intelligence College. Dr. Battilega has authored numerous publications on defense policy/planning and on international assessments. He holds a Ph.D. in Applied Mathematics from Oregon State University and is listed in Marquis *Who's Who in America*.

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DR. RICHARD R. MULLER is Professor of Military History at the USAF Air Command and Staff College, Maxwell AFB, AL, where he teaches courses in military thought, national security studies, the history of airpower, and military history. He has served as course director, department chair, vice dean for academics, and dean. He specializes in World War II air power. A native of New Jersey, Dr. Muller earned his B.A. in history from Franklin and Marshall College, Lancaster PA, and his M.A. and Ph.D. degrees in European Military History from The Ohio State University. Dr. Muller has held fellowship appointments at the Smithsonian's National Air and Space Museum and Yale University. He is the author of *The German Air War in Russia* (1992) and (with James S. Corum) *The Luftwaffe's Way of War: German Air Force Doctrine 1911-1945* (1998), as well as several articles and book chapters. Dr. Muller is presently collaborating on a major study of the aerial defense of Germany during the Second World War.

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MR. MICHAEL QUINLAN graduated from Oxford and served for 2 years in the Royal Air Force. Most of his subsequent career as a civilian official was spent in the defense policy field, and he worked extensively on UK and NATO nuclear-weapon policy, doctrine and arms control. As Policy Director in the Ministry of Defence from 1977 to 1981, Mr. Quinlan was closely involved in the move from *Polaris* to *Trident* for the UK strategic force, and in the NATO High-Level Group on the modernization of intermediate nuclear forces. His final post was as Permanent Under-Secretary of State, the senior nonpolitical civilian in the Ministry of Defence from 1988 to 1992. Mr. Quinlan was Director of the Ditchley Foundation for 7 years. He has written many articles on nuclear-weapon issues. In 1997 the Royal United Services Institute for Defence Studies published his monograph *Thinking About Nuclear Weapons*.

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