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Contact Information: Lisa A. Skorupski
Tel: 860 464-7259
Fax: 860 464-6036
Email: las@applmath.com

Browning Honored by Naval Submarine League

Gales Ferry, CT – July 21, 2003.

William J. Browning, President, Applied Mathematics, Inc., Gales Ferry ,CT was honored as the Naval Submarine League Distinguished Civilian for 2003 at the annual symposium in Alexandria, VA, June 12, 2003.

The award, presented by Admiral Frank Kelso, USN (ret), Chairman of the Naval Submarine League and former Chief of Naval Operations, “recognizes the personal contributions of a government or industry individual, whose contributions have been of extraordinary value to the success of the United States Navy submarine programs. The award is made to the most deserving individual when considering the entire history of the submarine program.”

The award was given to Dr. Browning “for meritorious service sustained over three decades of developing analytical tools to support every aspect of submarine warfare analysis. Since 1974, Dr Browning has been on the cutting edge of every issue of submarine tactics. His professional contributions cover the entire spectrum of submarine missions, sensors, and weapons.”

Dr. Browning received his BS, MS, and PhD degrees in mathematics from Purdue University and currently serves on the Purdue University School of Science Dean’s Leadership Council.

Dr. Browning attended St. Meinrad Seminary from 1960 to 1965. He currently serves on the School of Theology Board of Overseers.

William J. Browning Receives Naval Submarine League Distinguished Civilian Award 2003

The **Naval Submarine League Distinguished Civilian Award** recognizes the personal contributions of a government or industry individual, whose contributions have been of extraordinary value to the success of the United States Navy submarine programs. The award is to be made to the most deserving individual when considering the entire history of the submarine program.



From Left to Right: ADM Frank B. Kelso, USN (Ret.), Chairman of the Board of the Naval Submarine League and Chief of Naval Operations, 1990 - 1994; William J. Browning; RADM John B. Padgett, III, USN, Commander, Submarine Forces Pacific; RDML Michael C. Tracy, USN, Director, Submarine Warfare Division (CNO N77)



Naval Submarine League 2003 Award Recipients

The Naval Submarine League
is pleased to present the
Distinguished Civilian Award
for
Outstanding Personal Contribution
for 2003
to
Dr. William J. Browning
for service as set forth in the following

CITATION:

For meritorious service sustained over three decades of developing analytical tools to support every aspect of submarine warfare analysis. Since 1974, Dr. Browning has been on the cutting edge of every issue of submarine tactics. His path-breaking development of rigorous and innovative mathematical tools and algorithms has been indispensable to the work of Submarine Development Squadron TWELVE. Dr. Browning's professional contributions cover the entire spectrum of submarine missions, sensors, and weapons; including tactical oceanography, submarine search procedures, Harpoon and Tomahawk tactics, statistical target motion analysis, laser imaging, and bathymetry. Dr. Browning's team at Applied Mathematics were the brain trust behind the evolution of Tactical Decision Aids that enhanced the Commanding Officers' ability to fight their submarines in the complex under-water environment. Dr. Browning was a leader in exploiting the twin revolutions in sensor performance and computing power, pointing the way ahead for further development in submarine fire control and sonar systems. His main concern has always been to give the submarine Commanding Officers every possible tactical advantage.

Dr. Browning's professional lifetime of dedicated and brilliant service, providing insightful, thoughtful and fact-based analysis, reflects great credit upon himself, the United States Navy and the Submarine Force. He is clearly deserving of the Naval Submarine League Distinguished Civilian Award.

Frank B. Kelso, II
Admiral, U.S. Navy (Retired)
Chairman of the Board