About Dr. Thomas Ward

In 1997 Dr. Ward co-founded TechSource with Pierre Grand. He currently serves as the company’s Chairman of the Board and Chief Scientist. In addition to his corporate duties, he also serves as a senior scientific and technical advisor to the Department of Energy’s (DOE’s) Office of Nuclear Energy, Advanced Fuel Cycle Technologies.

Dr. Ward has over 20 years of experience in Washington, D.C. providing independent scientific and technical advice to DOE on accelerators, nuclear physics, special nuclear materials, radiation safety, space radiation effects, and related nuclear technology issues. He also possesses over 50 years of experimental and theoretical experience in nuclear physics and chemistry and extensive expertise in radiation monitoring and diagnostics, including radiation safety and environmental issues at nuclear facilities.

Dr. Ward has served as Senior Scientific Advisor to DOE’s Defense Programs Office of Reconfiguration, focusing on accelerator and nuclear physics issues relating to tritium production. In addition, while at Brookhaven National Laboratory (BNL), Dr. Ward conducted numerous studies and reviews for the U.S. Government, including the U.S. Nuclear and Space Facilities Review and the Independent Assessment and Review of Russian Space Radiation Facilities. He has also chaired multiple interagency groups, most notably chairing the interagency (DOE/NASA/DOD/DOC) working group assessing accelerator needs and requirements for U.S. space radiation research.

Dr. Ward’s postdoctoral work at BNL focused on the study of neutron-rich isotope production at intermediate energies, high-spin nuclear yrast states, and medium energy neutron induced reactions using the Chemistry Linac Irradiation Facility which he helped to design and build. Dr. Ward was a Staff Scientist in Physics and an Adjunct Professor of Chemistry at Indiana University where he helped construct the 200 MeV isochronous cyclotron. Upon returning to BNL as a physicist he worked within the Strategic Defense Initiative (Star Wars) program as group leader of the neutron physics effort and manager of the radiation effects facility. Dr. Ward has authored/co-authored over 150 refereed scientific journal publications and the book: A Monograph on the Radiochemistry of Astatine, published by the National Academy of Science.

To contact Dr. Ward directly, email him at tward@techsource-inc.com.

About TechSource, Inc.

TechSource is a leading high-technology science and engineering small business offering recognized expertise in nuclear and physical sciences, engineering and technology, domain knowledge, and decision analysis.

TechSource’s talented and innovative 500-plus cohort is composed of experts, most with 35 years or more of hands-on experience.

TechSource offers policy to test bench technical and management services in coordination with point-of-interest expertise to organizations responsible for developing, implementing, operating, and managing high-technology programs nationwide.

For over 20 years, TechSource has successfully supported a diverse and expanding client base, including U.S. federal agencies, the national laboratories, the Navajo Nation, universities, and commercial entities focused on solving some of the most complex issues facing the United States today.

TechSource is recognized as an independent, qualified expert whose advice and products uniquely and effectively bridge technical and programmatic requirements.