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Dr. Edward Teller

Dr. Edward Teller, a native of Hungary, came to the United States as many Jewish scientists did, to escape the advancing armies of Nazi Germany. From the very earliest days of the Manhattan Project he was a central figure in the design and production of nuclear weapons and the materials to make nuclear weapons. He taught theoretical physics at several universities and viewed that as his principal occupation. He is often referred to as the "father of the hydrogen bomb," and played a major role in convincing President Truman that the nation should develop that weapon since the Soviet Union was known to be doing so. He was presented the Presidential Medal of Freedom in July 2003 by President Bush. Edward Teller died at his California home in September of 2003, at age 95.

Edward Teller presented a public lecture here in Augusta in 1992 and gave permission to CNTA to name the annual lecture and banquet in his honor.

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Washington Group International

CNTA
Citizens for Nuclear Technology Awareness

Presents the

13th Annual Edward Teller Lecture/Banquet

Featured Speaker

Dr. Henry Wagner, Jr.

Johns Hopkins School of Medicine

November 18, 2004
6:00 p.m. Reception • 7:30 p.m. Dinner

Program

13th Annual Edward Teller Lecture

Welcome	*Dr. Susan Wood, Chairperson, CNTA*
Invocation	*Father Robert Fain Episcopal, Church of the Good Shepherd*
Dinner	
Introduction of Head Table & Special Guests	*Dr. Susan Wood*
Commemoration of Distinguished Service of Dr. Fred C. Davison	*Dr. Susan Wood*
Presentation of Fred C. Davison Distinguished Scientist Award	*Mr. Todd Crawford*
Award Winner Response	*Dr. Ned Bibler*
Introduction of The Robert Maher Memorial Scholarship Winner– Mrs. Kara Beharry	*Mr. Robert Pedde President, WSRC*
Introduction of Teller Lecturer–Dr. Henry Wagner, Jr.	*Dr. David Stern Dean, MCG School of Medicine*
Lecture "The History & Future of Nuclear Medicine"	*Dr. Henry Wagner*
Presentation to Dr. Henry Wagner, Jr.	*Mr. Jeff Allison DOE Manager, Savannah River Site*
Closing Comments	*Dr. Susan Wood*

Dr. Henry Wagner, Jr.

The field of nuclear medicine is enjoying an opportunity that comes only once in the history of a scientific specialty, the ability to grasp its origins and influences in the living memory of its practitioners. Although the field's forefathers Glenn Seaborg, Benedict Cassen, and Emilio Segre have passed away, many of the founders of nuclear medicine as a scientific and medical specialty remain vital and involved. No one better defines this founding role than Henry N. Wagner, Jr., MD, whose career nearly spans nuclear medicine's "second 50 years," as he termed the period in a 1996 account of the field. Present at the origins of nuclear medicine as a defined sector of medicine, Dr. Wagner has sustained the momentum of discovery that began in the 1950s and 1960s. He has promoted nuclear medicine at key U.S. teaching and research centers around the world, including, his own Johns Hopkins School of Medicine, where he continues to serve as a professor of environmental health sciences.

As measured by the extent of his personal influence, Dr. Wagner has had an enormous impact on the field of nuclear medicine. This is true in large part because of his 40-year oversight of Hopkins' nuclear medicine program, which has trained nuclear medicine physicians and physicists, pharmacists, and technologists now practicing throughout the world, beginning with the first wave in the 1960s. He has trained more than 250 nuclear medicine residents and an equal number of radiology residents.

As he surveys the field at the beginning of the 21st century, Dr. Wagner remains a proponent for a variety of initiatives to attract new practitioners to the field. "Nuclear medicine is a primary specialty field whose increasingly obvious worth will lead many bright young people into the field. Other specialists, endocrinologists, oncologists, and neuroscientists will also see, as I did, that nuclear medicine can solve many biomedical problems better than any other approach."

Dr. Ned Bibler

Dr. Bibler is a Senior Advisory Scientist at the Savannah River National Laboratory (SRNL) where he has worked since 1965. He is an internationally recognized expert on radiation chemistry, with emphasis on effect of radiation of materials. In particular he has made major contributions to the science of radiation effects on nuclear waste forms, including the borosilicate glass high-level waste form produced at Savannah River Site's Defense Waste Processing Facility (DWPF). He developed a durability test for the DWPF waste that was accepted as the national standard by the Department of Energy (DOE), the Nuclear Regulatory Commission, and the American Society for Testing Materials.

Dr. Bibler has been active in national and international technical societies including the American Chemical Society and the Materials Research Society. In 2002 Dr. Bibler was award the Orth Award, the highest technical achievement award presented by SRNL. He has about 140 publications and technical papers. He has been a mentor to many young scientists and engineers, and his advice is widely sought at the Savannah River Site and at other nuclear laboratories.

Biographies