



Man Hyong Yoo

June 27, 1935 - August 12, 2015

On the morning of August 12, 2015, Man Hyong Yoo lost his brief battle with colorectal cancer. He was surrounded by family as he succumbed to complications resulting from surgery at the Hospital of the University of Pennsylvania in Philadelphia, PA. He was 80 years old.

Man Yoo was born in Seoul Korea on June 27, 1935. He was the 4th child and 3rd son of Hae Chang Yoo and Chang Kyu Lee. He lived through the challenges of Japanese occupation during World War II and the Korean War (1950-1953) having to provide as man of the house while his father and elder brothers were away.

Graduated from the famous Kyunggi High School in Korea, he traveled to the US in 1956 to advance his studies, earning multiple degrees from Michigan State University in Lansing Michigan. He married Sung Ja Choo on September 10, 1960 while a graduate student. After receiving his Ph.D in Materials Science, he joined the Oak Ridge National Laboratory in 1967 and eventually retired in 2003.

His distinguished career included collaborations and spent several years living abroad in Germany, Japan, and Korea but always returning home to Tennessee. After retirement, he finally satisfied his itch to teach by joining the faculty at KAIST in Daejeon South Korea and later receiving an appointment to

Seoul National University in 2005.

His accomplishments include significant and seminal contributions to the fundamental understanding of plastic deformation, radiation damage and high temperature flow and fracture. His achievements have led the frontier of understanding for both intermetallic materials and hexagonal close-packed metals and alloys. He was the author of over 180 scientific research papers and numerous book chapters, editor of three books and several conference proceedings, and presenter of over 50 invited talks.

He received the Humboldt Research Award for Senior U.S. Scientists. He was recognized by his peers at The Minerals, Metals and Materials Society (TMS) which elected him as one of its 100 Living Fellows and conferred on him the Mathewson Gold Medal in 2002.

After retirement, his passion for golf continued, reaching fulfillment when he attended the 2013 Masters. He traveled extensively culminating in conquering Macchu Picchu Peru in 2014.

He is survived by his wife of 55 years Sung Ja Yoo, three sons, Phillip, Terry (and spouse Penny), and Christopher (and spouse Kris) and 6 grandchildren.

Services will be held at Saturday August 15th at 2:30pm at:

Chadwick & McKinney Funeral Home

30 E. Athens Ave.

Ardmore, PA 19003

phone: (610) 642-6303

In lieu of flowers, donations can be made to the Abramson Cancer Center at University of Pennsylvania in the memory of Man H. Yoo.

Tribute Wall

DC

“ *Phillip, Terry, and Chris: I'm sorry to hear of your father's passing. Please give my deepest sympathy to your Mother.*

My deepest condolences to the three of you and your families. May the memories of your father be held forever close to your heart.

Dexter Craig, ORHS Classmate (Class of 1981)

Dexter R. Craig - August 15, 2015 at 12:35 AM

MB

“ *My deepest condolences to Man Yoo's family. Man Yoo was not only an excellent scientist, but also constantly went out of his way to talk with and mentor the younger group members at ORNL. Speaking with Man Yoo always resulted in a kind word and some helpful new insight to think about for research projects. He will be greatly missed. Mike Brady and family, ORNL*

Mike Brady - August 14, 2015 at 09:13 AM