



Dr. Richard J. Goldstein

March 27, 1928 - March 6, 2023

Richard J. Goldstein—beloved father, professor, researcher, and colleague passed away on March 6, 2023, in Minneapolis at the age of 94. A renowned mechanical engineer and academic, Richard's contributions to heat transfer measurement techniques and film cooling led to improved efficiency in gas turbines and many other thermal systems. Richard loved black coffee, the Minnesota Vikings, the theatre and classical music, traveling with his children, and chasing solar eclipses. His passion for engineering and education provided lifelong energy and inspiration. In fact, he was still on Zoom calls with his students and engineering societies in recent weeks.

Dr. Goldstein was born in New York City on March 27, 1928, and graduated from Stuyvesant High School (1944). He received his B.S. in Mechanical Engineering from Cornell University (1948) and went on to complete his M.S. in Mechanical Engineering (1950) and Physics (1951) from the University of Minnesota. He joined Oak Ridge National Laboratory as a Development Engineer in 1951, serving afterward in the US Army as a first lieutenant for two years. Richard returned to the University of Minnesota in 1956 and received his Ph.D. in Mechanical Engineering, joining the University's faculty in 1961. Richard served as a professor, researcher, and department head in the coming years and was named James J. Ryan and Regents' Professor Emeritus of the Heat Transfer Laboratory in the mechanical engineering department.

Richard's recognitions include multiple honorary doctoral degrees, membership in the National Academy of Engineering and serving as president of the American Society of Mechanical Engineers, president of the International Centre for Heat and Mass Transfer, and president of the Assembly for International Heat Transfer Conferences. During his more than 65-year academic career, Richard's work was presented in more than 300 publications and his books, including two on Fluid mechanics measurements (1983 and 1996), as well as his many fundamentals and applications oriented research papers, continue to be foundational for engineering students.

Some of Richard's proudest work was creating opportunities for others. He advised 74 doctoral and 82 master's students, and many visiting and postdoctoral scholars. He directed the development of an outstanding teaching, research, and service-oriented program at the University, which was ranked in the highest echelons of mechanical

engineering departments around the world.

Predeceased by his wife, Barbara. Survived by his former wife, Nancy, and their children, Arthur, Jonathan (Robbin), Ben (Barbara) and Naomi (Luis); grandsons, David and Emmett; and sister, Carol. Funeral service will be at 10:00 AM on WEDNESDAY, March 8th at BETH EL SYNAGOGUE, 5225 Barry St., W., St. Louis Park. In lieu of flowers, memorials preferred to the Minneapolis Jewish Federation. Shiva service at 7:00 PM on Wednesday, Thursday, Sunday and Monday at 4241 Bassett Creek Dr., Golden Valley. Funeral and Shiva available on Zoom: www.tinyurl.com/RichardGoldstein. People are encouraged to visit the family from 1pm- 3pm on Thursday, Sunday and Monday at the same address.

Cemetery Details

Gemelus Chesed Cemetery

7032 Penn Ave. S.,
Richfield, MN

Upcoming Events

Shiva

MAR 12. 7:00 PM (CT)

Residence
4241 Bassett Creek Dr.
Golden Valley, MN 55422

Shiva

MAR 13. 7:00 PM (CT)

Residence
4241 Bassett Creek Dr.
Golden Valley, MN 55422

Previous Events

Funeral Service

MAR 8. 10:00 AM (CT)

Beth El Synagogue
5225 Barry Street West
St. Louis Park, MN

Shiva

MAR 8. 7:00 PM (CT)

Residence
4241 Bassett Creek Dr.
Golden Valley, MN 55422

Shiva

MAR 9. 7:00 PM (CT)

Residence

4241 Bassett Creek Dr.

Golden Valley, MN 55422

Tribute Wall

XL

“ *Xiaohua Liu lit a candle in memory of Richard Goldstein*



Xiaohua Liu - March 08 at 09:20 PM

MG

“ *Dr. Richard Goldstein will be remembered and not forgotten for his work in Engineering and other contributions he did. Sympathy to the family.*

*Mark and Kim Greenstein
Plymouth, MN*

Mark Greenstein - March 08 at 09:52 AM

JA

“ *For those of you who do not know, my mom, Carol, positively adored, idolized and unconditionally loved her baby brother Richard (Uncle Dick, to us "kids" in the family). She was enormously proud of him and enjoyed sharing his many accomplishments with all! She worried about him when he traveled (which to us seemed like all the time) but he always called to let her know he was safe. She loved the many times they traveled together, no matter where they went! They were the epitome of sibling love and respect! To us "kids" he was our kind, brilliant, incredibly accomplished, loving and generous Uncle. We shall miss him greatly. Sending Arthur, Jonathan, Ben, Naomi and your families love and comfort. And may his memory always be for a blessing.*

Joan Adelman - March 07 at 09:12 PM

KB

“ *3 files added to the album Prof. Goldstein*



Krishna Chandra Bavandla - March 07 at 08:18 PM

LS

“ Richard was one of the most brilliant people I have ever know and his enthusiasm was always exciting. Love to the whole family

Laurie Savran - March 07 at 07:46 PM

SN

“ Richard was a very interesting and engaging person to speak with. When ever we went over to their house for meals, we would always speak with Richard and talked about a variety of topics, including his love for Israel. I could tell how much he loved his family and appreciated his son Arthur, who was so devoted to him. He was a remarkable man and may his memory be of a blessing. I feel blessed to have known him.

Suzie Nemer

Suzie Nemer - March 07 at 06:11 PM

MA

“ I have had an 8 year relationship with Richard. Richard was the most interesting, humble, respectful, and dignified gentleman I have had the privilege to know. I will miss him dearly.

Marcia Averbook - March 07 at 06:01 PM