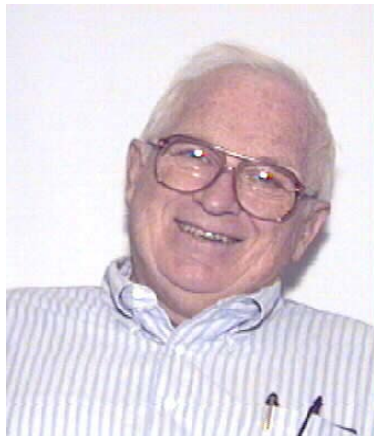


JAMES J. MORGAN



Jim Morgan was born in New York City on June 23, 1932. He spent the years 1934-1937 with his parents as a farm boy in Knockballyrone, County Monaghan, Ireland. He returned to New York City in 1938 and entered Manhattan College in 1950, where he graduated with a B.E. in Civil Engineering with honors, in 1954. He then went to the University of Michigan, where he obtained an M.S. in Civil Engineering in 1956. From the University of Michigan, Jim became an instructor in Civil Engineering at the University of Illinois and worked on chemical pollution by polyphosphates in rivers. Jim then moved to Harvard in order to work on his Ph.D. with the renowned aquatic chemist,

Werner Stumm, with whom he formed a lifelong relationship. From Harvard, Jim spent two years (1963-65) as an untenured Associate Professor of Water Chemistry at the University of Florida. While at Florida, Jim was “discovered” by Caltech professors Sheldon Friedlander and Jack McKee, who recruited him to join Caltech in 1965 as Associate Professor of Environmental Health Engineering; he was promoted to professor in 1969. In 1987, Jim was appointed Marvin L. Goldberger Professor of Environmental Engineering Science. At Caltech, Jim served as Dean of Students from 1972-1975, Executive Officer for Environmental Engineering Science from 1974-1980, Vice President for Student Affairs 1980-1989, and Acting Dean of Graduate Studies 1981-1984. Upon his retirement in 2000, Jim became Marvin L. Goldberger Professor Emeritus.

At age 34, Jim was recruited by the American Chemical Society to become the inaugural editor of *Environmental Science & Technology*, a position he held from 1966-74. ES&T rapidly became the premier journal in the environmental chemistry field. In 2015, the ACS established the James J. Morgan ES&T Early Career Award Lectureship which recognizes the accomplishments of early career researchers who have distinguished themselves through creative new ideas. He was Chairman, Water Resources Research Committee, National Research Council, 1985-1987, and Chairman, California Air Resources Board Research Advisory Committee on Acid Deposition, 1983-1987. In 1970, Jim and Werner Stumm published their classic text, *Aquatic Chemistry* (2nd edition, 1981; 3rd edition, 1996).

Jim has been recognized as one of the world’s most distinguished aquatic chemists, receiving the ACS Award for Creative Advances in Environmental Science, 1980; the American Society for Civil Engineers Simon W. Freese Environmental Engineering Award and Lecture, 1997; the Stockholm Water Prize (with Werner Stumm), 1999; and the Clarke Water Prize, 1999. He was elected to the National Academy of Engineering in 1978.

More than anything else, Jim has left his mark on generations of students and postdoctoral fellows as a brilliant teacher and dedicated friend. And for those who were foolhardy enough to engage Jim on the basketball court – a fearsome jump shot.

James J. Morgan Symposium



September 23, 2016

Sharp Lecture Hall
California Institute of Technology

Organized by:
Michael R. Hoffmann
John H. Seinfeld
Gordon P. Treweek

PROGRAM

Morning Session

- 8:30 – 8:55 am Coffee & Conversation
- 8:55 – 9:00 am Welcome
Moderator: John H. Seinfeld
- 9:00 – 9:30 am **Janet G. Hering**
Swiss Federal Institute of Aquatic Science and Technology (Eawag)
“Aquatic Chemistry on the Interface between Science and Practice/Policy (SP21)”
- 9:30 – 10:00 am **Jerald L. Schnoor**
The University of Iowa
“Climate Change and the Paris Agreement”
- 10:00 – 10:30 am **James F. Pankow**
Portland State University
“You Don’t Need W, A, T, E, or R to Spell pH”
- 10:30 - 11:00 am Coffee Break
- 11:00 – 11:30 am **Yigal Erel**
The Hebrew University of Jerusalem
“Toxic Metals in Iron Age Humans from the Faynan Area (Jordan): What Can Geochemical Tools Tell Us?”
- 11:30 – 12:00 pm **Alan T. Stone**
John Hopkins University
“What Are You Interested In? What Do You Think Is Important?”
- 12:00 – 1:30 pm Lunch (Invited Guests)

Afternoon Session

- 1:30 – 2:00 pm **Howard Liljestrand**
The University of Texas at Austin
“Distribution and Uptake of Large Organic Molecules”
- 2:00 – 2:30 pm **Liyuan Liang**
Pacific Northwest National Laboratory
“The Untold Story of the Genetic Basis of Bacterial Mercury Methylation”
- 2:30 – 3:00 pm **Roger C. Bales**
University of California, Merced
“Observations from Drought in the Sierra Nevada: Evapotranspiration, Climate & Regolith Weathering”
- 3:00 – 3:45 pm Coffee Break
- 3:45 – 4:45 pm Joint with GPS Division Seminar
François Morel
Princeton University
“Metal Complexation and Bioavailability: A Forty Year Adventure”
- 5:00 – 6:00 pm Reception
The Linde Center Patio