

Notable Scientific Awards:

- Navy Meritorious Civilian Service Award (1976) (Highest scientific award conferred by NRL)
- E.O. Hulbert Award for Outstanding Scientific Achievement (1977)
- The Washington Academy of Science Award for Scientific Achievement in the Physical Sciences (1978)
- The NASA Certificate of Commendation for Distinguished Service to Space Sciences (1986)
- The NASA Group Achievement Award (1998)