

## Marion C. Thurnauer

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Chemical Sciences and Engineering  
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### Professional Experience

- Argonne National Laboratory
  - **2006-Present.** Argonne Distinguished Fellow, Emeritus, Chemical Sciences and Engineering Division.
  - **2003.** Argonne Distinguished Fellow, Chemistry Division.
  - **1995-2003.** Division Director, Chemistry Division.
  - **1993-1995.** Group Leader, Photochemical Energy Sciences Group, Chemistry Division.
  - **1992-1994.** Women in Science Program Initiator.
  - **1991.** Senior Chemist, Chemistry Division.
  - **1981.** Chemist, Chemistry Division.
  - **1977.** Assistant Chemist, Chemistry Division.
  - **1974.** Postdoctoral Appointee, Chemistry Division, Photosynthesis Group, with J. J. Katz and J. R. Norris.

### Education

- Ph.D., Chemistry, University of Chicago, 1974.
- M.S., Chemistry, University of Chicago, 1969.
- B.A., with honors, Chemistry, University of Chicago, 1968.

### Research Interests

- Solar photochemical energy conversion in bacterial and oxygenic photosynthesis and model photosynthetic systems.
- Development of time-resolved magnetic resonance techniques, particularly for application to study sequential electron transfer in photochemical energy conversion.
- Bio-inspired nanomaterials that mimic the energy transduction of natural photosynthesis.

### Selected Honors

- University of Chicago–Argonne Pinnacle of Education Award (2007)
- Argonne Science Career in Search of Women Conference Founders' Award (2007)

- Francis P. Garvan–John M. Olin Medal Award, National American Chemical Society (2002)
- The University of Chicago Award for Distinguished Performance (1991)
- Agnes Fay Morgan Research Award, Iota Sigma Pi, National Honorary Society for Women in Chemistry (1987)
- Fellow of the American Association for the Advancement of Science (1997)
- YWCA Outstanding Women Leaders of DuPage County Award (1996)
- Association of Technological Societies Award of Merit (1990)
- Argonne National Laboratory Director's Award for Extraordinary Effort in Organizing "Science Careers in Search of Women" Conference (1990)

### **Selected Professional Activities**

- 2007-present: Argonne National Laboratory Center for Nanoscale Materials Proposal Evaluation Board
- Co-Editor, *The Purple Photosynthetic Bacteria* (2008) *Advances in Photosynthesis and Respiration*, Vol. 28, (Hunter CN, Thurnauer, MC, Daldal F and Beatty JT, eds) Springer, Dordrecht, The Netherlands
- 2007, 2008: Consumer Advocate Reviewer, DOD Congressionally Directed Medical Research Program, Breast Cancer Research Program
- 1996-2003: Advisory Board, NSF-Idaho EPSCoR Project Review, Moscow, Idaho
- 2002: Lawrence Berkeley National Laboratory Physical Biosciences Division Review Committee
- 2001: Committee of Visitors for Division of Chemistry of NSF, February 2001
- 2000-2002: Editorial Board, *Biophysical Journal*
- 1998-2001: Chemical Sciences Roundtable, National Research Council; Vice-Chair, 2000–2001
- 1999-2001: Users Committee for National High Magnetic Field Laboratory
- 2002: Organizing Committee Workshop on Women in the Chemical Workforce, National Research Council
- 1994: Chair, Gordon Research Conference on Photosynthesis: Biophysical Aspects
- 1993: Vice-chair, Gordon Research Conference on Photosynthesis: Biochemical Aspects

### **Publications**

- Articles: 100+