

# CURRICULUM VITAE

## John J. Tyson

University Distinguished Professor  
Department of Biology  
Virginia Polytechnic Institute and State University  
Blacksburg VA 24061

### Personal Data

**Birthdate:** December 12, 1947

**Birthplace:** Abington, PA

**Marital status:** married (Linda), four children (Jeremy, Christopher, David and Anna)

### Education

<b>Wheaton College</b>	B.S.	6/69	Chemistry	Wheaton, IL
<b>University of Chicago</b>	Ph.D.	8/73	Chemical Physics	Chicago, IL
	Thesis: <i>Studies in Chemical Kinetics and Reactive Scattering.</i> Thesis Advisor: Dr. John C. Light, Professor of Chemistry			

### Professional Experience

1. Postdoctoral Research Fellow, Max-Planck-Institute for Biophysical Chemistry, Goettingen, West Germany (1973-1974).
2. Assistant Professor of Mathematics, State University of New York at Buffalo (1974-75).
3. Postdoctoral Research Fellow, Institute for Biochemistry and Experimental Cancer Research, University of Innsbruck, Austria (1976-77).
4. Assistant Professor of Biology, Virginia Polytechnic Institute and State University (1/78-5/82).
5. Associate Professor of Biology, VPI&SU (9/82-5/85).
6. Professor of Biology, VPI&SU (9/85-4/96).
7. University Distinguished Professor, VPI&SU (4/96-present).

8. Faculty Fellow, Virginia Bioinformatics Institute (2005-present).

## Honors and Awards

1. The Bellman Prize, *Mathematical Biosciences* (1989).
2. Alumni Award for Research Excellence, VPI&SU (1992).
3. Doctor honoris causa, Technical University of Budapest (2000).
4. Virginia Outstanding Scientist of 2004 (one of three awards for 2004).
5. Aisenstadt Chair, Centre de Recherches Mathematiques, U. Montreal (2007).
6. Ziwet Lecturer, Department of Mathematics, University of Michigan (2009).
7. Associate Member, Royal Academy of Sciences, Belgium (2009).
8. [Arthur T. Winfree Prize](#), Society for Mathematical Biology (2011).

## Membership and Offices in Professional Organizations

1. Member: American Association for the Advancement of Science, Society for Mathematical Biology, Society for Industrial and Applied Mathematics.
2. President, Society for Mathematical Biology (1993-95)
3. Editorial Board, *Journal of Theoretical Biology* (1989-present).
4. Co-Chief Editor, *Journal of Theoretical Biology* (1995-2004).
5. Co-Chair, Gordon Research Conference on Theoretical Biology and Biomathematics (1982).
6. Chair, Gordon Research Conference on Oscillations and Dynamic Instabilities in Chemical Systems (1997).
7. Chair, Cold Spring Harbor Symposium on Computational Cell Biology (2007, 2009)
8. Director, Biological Switches and Clocks, Kavli Institute of Theoretical Physics, Santa Barbara CA (2007).
9. Instructor, Cold Spring Harbor Course on Computational Cell Biology (2008, 2009).