Telephone: (203)432-6278
Fax: (203)432-6299
Email: william.jorgensen@yale.edu
Website : http://www.jorgensenresearch.com
Date of Birth: October 5, 1949 (New York, New York)
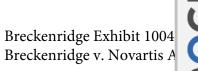
Employment

2009-	Sterling Professor of Chemistry, Yale University
2009-2012	Director, Division of Physical Sciences and Engineering, Yale University
1990-2009	Whitehead Professor of Chemistry, Yale University
1989	Visiting Professor, Harvard University.
1985-1990	Herbert C. Brown Professor of Chemistry, Purdue University.
1984-1987	Head, Organic Chemistry Division, Purdue University.
1982-1990	Professor, Department of Chemistry, Purdue University.
1979-1982	Associate Professor, Department of Chemistry, Purdue University.
1975-1979	Assistant Professor, Department of Chemistry, Purdue University.
1970-1975	Graduate student, Harvard University (Advisor: E. J. Corey).

Education

1970-1975	Harvard University - Ph. D. in Chemical Physics
1967-1970	Princeton University - A. B. in Chemistry

Honors

2012	Hildebrand Award in the Theoretical and Experimental Chemistry of Liquids (ACS)
2011	Member, National Academy of Sciences
2010	Member, International Academy of Quantum Molecular Science
2009	Fellow, American Chemical Society
2007	Member, American Academy of Arts and Sciences
2004	Sato Memorial International Award - Pharmaceutical Society of Japan
2004	Award in Computational Biology – Intl. Society for Quantum Biology and Pharmacology
1998	Award for Computers in Chemical and Pharmaceutical Research (ACS)
1994	Fellow, American Association for the Advancement of Science
1990	Arthur C. Cope Scholar Award, American Chemical Society (ACS)
1990	Special Creativity Award, National Science Foundation
1989	Special Creativity Award, National Science Foundation

1986   Annual Medal of the International Academy of Quantum Molecular Sciences
1979   Alfred P. Sloan Foundation Fellow
1978   Camille and Henry Dreyfus Foundation Teacher-Scholar
1970   A.B. summa cum laude; McCay Prize in Chemistry (Princeton)

Invited Lectures

Dr. Jorgensen has presented more than 600 invited lectures including such distinguished lectureships as 7th Marvel Symposium, U. Arizona; 15th Leermakers Symposium, Wesleyan U.; 1988 Nobel Symposium; Organic Synthesis Distinguished Lecturer, U. Colorado; 6th W. S. Johnson Lectures, Stanford U.; Steiglitz Memorial Lecturer, Chicago ACS; Research Scholar Lecturer, Drew U.; Royal Society Faraday and Perkin Lectures; Visiting Lecturer, ETH Zürich; 34th National Organic Symposium; Tetrahedron Symposium 2004 & 2008; Tanabe Lecturer, Scripps; Hirschmann Lecturer, Oberlin; Gunning Lecturer, U. Alberta; H. C. Brown Lecturer, Purdue U.; Schleyer Lecturer, U. Georgia; Gerhard Closs Lecturer, U. Chicago; ISQBP Plenary Lecturer; BMS Lecturer, Scripps; 3eme Cycle Lecturer, Switzerland; Olsen Lecturer, Utah Sate; Lise Meitner Lecturer, Israel; Gilda Loew Memorial Lecturer, ISQBP; J. Wiley Lecturer, Scripps; Grandpierre Lecturer, Columbia U.; Molecular Physics Lecturer, Thermodynamics 2011 (Athens); MGMS Lecturer, Comput. Mol. Sci. 2012; Federico Arcamone Lecturer, IIT Genoa; Kolthoff Lecturer, U. Minnesota; Bryan E. Koehler Lecturer, UC Riverside; Bone Lecturer, Wilkes U.; Topliss Award Lecturer, U. Michigan. A complete list of recent invited lectures is at the end of this document.

Editor

Journal of Chemical Theory and Computation, 2005-
Journal of Chemical Information and Modeling (formerly JCICS), 2005-2013
Journal of Chemical Information and Computer Sciences (JCICS), 2004
Encyclopedia of Computational Chemistry, 2001-2005
Journal of Computational Chemistry, 2002 –2003

Member or Officer

National Institutes of Health, Medicinal Chemistry A Study Section, 2001-2004
American Chemical Society -
    Chairman-Elect, Computers in Chemistry Division, 2001; Chairman, 2002
International Society for Quantum Biology and Pharmacology -
    Vice President, 2000; President, 2001-2002

American Chemical Society Committees

W. Gibbs Medal Nominating Committee, 2001-2004
Board of Editors, 2004-
ACS Executive Director's 2010 Committee, 2004-2009
ACS Executive Director's 2020 Committee, 2009-
ACS Assessing the IT Future Committee, 2006
Search Committee for the Publications Division President, 2007

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Task Force to Recommend Appointments to the Governing Board of Publishing, 2009
Chair, Search Committee for the Editor of ACS Medicinal Chemistry Letters, 2009
Task Force on Author Rights and Obligations, 2009
Chair, Search Committee for the Editor of the Journal of Medicinal Chemistry, 2010

Yale Committees
Fellow, Trumbull College, 1990-
Physical Sciences & Engineering Advisory Committee, 1994-96, 2004-2012
Biological Sciences Advisory Committee, 2004-2006
Scholar Awards Committee, 2005-9
Wilbur Cross Medal Committee, 2009-2012
Chemical Biology Institute Advisory Committee, 2009-
Science & Engineering Advisory Committee, 2009-2012
Cancer Biology Institute Advisory Committee, 2011-
Cooperative Research Committee, 2011-
Screening Core Advisory Committee, 2012-
Science Hill Building Committee, 2011-
Chemistry Dept.: Advisory, Planning, Building, Hiring, Awards

Memberships on Advisory Boards
Analyst for Data Trace, Inc. (Chemtracts) 1986-98
Advisory Committee, NIH Regional NMR Center (Columbia U.), 1986-90
Scientific Advisory Board, Evans & Sutherland Inc., 1987-92
Scientific Advisory Board, Ariad Pharmaceuticals Inc., 1991-
Scientific Advisory Board, CombiChem Inc., 1994-1999
Scientific Advisory Board, Schrödinger Inc., 1996-
Scientific Advisory Board & Founder, Rib-X Pharmaceutical Inc., 2001-2013
Scientific Advisory Board & Founder, Melinta Therapeutics Inc., 2013-
Scientific Advisory Board, Vitae Pharmaceuticals, 2005-
Current Consultant: Warp Drive Bio
Expert Witness: Kaye Scholer LLP, 2004-; Kirkland & Ellis LLP, 2012-
Past Consultant: Agouron, Parke-Davis, Pfizer, Pharmacia
AAAS Electorate Nominating Committee, 2003-2006; Chair, 2004
World Association of Theoretical & Computational Chemists (WATOC), 2003-9
J. Allyn Taylor International Prize in Medicine Committee, 2006
NIH, Centers for Chemical Informatics Advisory Board, 2006
NSF, Mathematical & Physical Sciences Advisory Committee, 2006-9
Advisory Board, IRB-BSC-CRG Joint Program, U. Barcelona, 2008-
Advisory Committee, NCRR Resource for Integrated Glycotechnology, 2010-2013
Israeli Council on Higher Education, Chemistry Evaluation Committee, 2011

Editorial Advisory Boards
Bioorganic and Medicinal Chemistry Letters, 1990-

Bioorganic and Medicinal Chemistry, 1992-
Journal of Computer Aided Molecular Design, 1992-2010
Supramolecular Chemistry, 1992-2009
Journal of the American Chemical Society, 1987-93
CRC Critical Reviews in Theoretical Chemistry and Biophysics, 1987-93
Journal of Physical Organic Chemistry, 1987-94
Journal of Computational Chemistry, 1989-2003
Theoretica Chimica Acta, 1990-94
Theoretical Chemistry Accounts, 1997-2002
Chemistry and Biology, 1994-2004
Accounts of Chemical Research, 2001-2004; 2009-2014
Journal of Medicinal Chemistry, 2013-

Memberships in Professional Societies
American Chemical Society
Israeli Chemical Society (Honorary Life Member)
American Association for the Advancement of Science
International Society for Quantum Biology and Pharmacology
World Association of Theoretical & Computational Chemists
Connecticut Academy of Arts and Sciences
Connecticut Academy of Science and Engineering
International Academy of Quantum Molecular Science
American Academy of Arts and Sciences
National Academy of Sciences

Publications - W. L. Jorgensen

1. Structural and Energetic Predictions for Simple Hydrocarbons from the NDDO and CNDO Semiempirical Molecular Orbital Methods.
   R. B. Davidson, W. L. Jorgensen, and L. C. Allen
   J. Am. Chem. Soc., 92, 749-753 (1970).

2. Charge Distribution Characteristics of Attractive Dominant Barriers.
   W. L. Jorgensen and L. C. Allen
   Chem. Phys. Letts., 7, 483 (1970).

3. Charge Density Analysis of Rotational Barriers.
   W. L. Jorgensen and L. C. Allen
   J. Am. Chem. Soc., 93, 567 (1971).

4. Chemical Consequences of Orbital Interactions in Hydrocarbons Containing Unsaturatively Bridged Small Rings.
   W. L. Jorgensen and W. T. Borden
   J. Am. Chem. Soc., 95, 6649 (1973).

5. "The Organic Chemist's Book of Orbitals".
   W. L. Jorgensen and L. Salem
   Academic Press, New York, 1973.

   In German, "Orbitale Organischer Molekule", Verlag Chemie. Weinheim/Bergstr., 1974.

6. Orbital Interactions in Molecules Containing Unsaturatively Bridged Cyclobutane and Bicyclobutane Rings.
   W. L. Jorgensen and W. T. Borden
   Tetrahedron Letters, 223 (1975).

7. Chemical Consequences of Orbital Interactions. II. Ethylene and Butadiene Bridged Polycyclic Hydrocarbons Contain Three- and Four-Membered Rings.
   W. L. Jorgensen
   J. Am. Chem. Soc., 97, 3082-3090 (1975).

8. Computer-Assisted Synthetic Analysis. Synthetic Strategies Based on Appendages and the Use of Reconnective Transforms.
   E. J. Corey and W. L. Jorgensen
   J. Am. Chem. Soc., 98, 189 (1976).

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