Steven G. Desjardins
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Education:

1985	The University of Texas, Austin, TX 78712 Postdoctoral Research Associate with Dr. Peter J. Rossky Research: Theoretical Studies in Statistical Mechanics; Development of Interaction Site integral equation theory for molecular fluids such as water.
1984	Brown University, Providence, RI 02912 Ph.D., Physical Chemistry Graduate Research: Theoretical Studies in Statistical Mechanics Thesis Advisor: Professor Richard M. Stratt, Department of Chemistry, Brown
1980	Clark University, Worcester, MA 01610 B.A., Chemistry and Philosophy, *Magna Cum Laude* Undergraduate Research: Computer modeling of the dynamics of dissolved polycarbonates, with emphasis on understanding the observed impact resistance of the polycarbonate Lexan Research Advisor: Professor Alan A. Jones, Department of Chemistry, Clark

Professional Positions:

2013-2019	Chair, Department of Chemistry & Biochemistry Washington & Lee University
2008-present	Professor of Chemistry Washington and Lee University
2001-2006	Head, Department of Chemistry Washington & Lee University
1998-2001	Associate Dean of the College Washington & Lee University
1993-2008	Associate Professor of Chemistry Washington & Lee University
1988, 1987	Visiting Assistant Professor of Chemistry Summer, Brown University
1985-86	Lecturer, The University of Texas Primary instructor for General Chemistry (CH301) Lectured in Physical Chemistry (CH354)
1980-82	Teaching Assistant, Brown University

Professional Societies

Member, American Chemistry Society

Selected Publications:

Marium G. Holland, Veronica E. Griffith, Marcia B. France, and Steven G. Desjardins, "Kinetics of the Ring-Opening Metathesis Polymerization of a 7-Oxanorbornene Derivative by Grubbs' Catalyst", Journal *of Polymer Science: Part A: Polymer Chemistry*, **41**, 2125-2131 (2003)

E. Knapp, S. Desjardins, and M. Pleva, "An Interdisciplinary Approach to Teaching Chemistry to Geology Students", *Journal of Geoscience Education*, November, 2003

Williams, H. T.; Goodwin, L.; Desjardins, S. G.; Billings, F. T. "Two-dimensional Growth Models", *Phys. Lett. A* **1998,** *250*, 105.

S. Desjardins, "An Interdisciplinary Course in Chemical Dynamics", J. Chem.Ed., **85** (2008) 1078

Courses Taught:

Chemistry 106	Disorder and Chaos
Chemistry 110	General Chemistry
Chemistry 112	Aqueous Inorganic Quantitative Chemistry
Chemistry 260	Physical Chemistry of Biological Systems
Chemistry 261	Physical Chemistry I
Chemistry 365	Advanced Physical Chemistry

Recent Presentations at Professional Meetings:

American Chemical Society Meeting in Philadelphia, PA. August 2012. Presented a poster with Alex Finnegan, "Simulating the Muscle Fiber as a Molecular Rachet"

American Chemical Society meeting in Washington, August 2009. Presented a poster with Dessie Otachliska, "Dynamics of the Krebs Tricycle".

Grants Awarded:

Associated Colleges of the South, Kyle Friend, Sara Sprenkle, Steve Desjardins, and Kasandra Riley(Rollins College). $8,250. Development of the ChemTutor software package that is designed to help entering first-years with their first college chemistry course.

Associated Colleges of the South**,** Development of an online interdisciplinary course in complexity

W. M. Keck Foundation, ***Washington and Lee University's Interdisciplinary Program in Nonlinear Dynamics***, 2001, $500,000 (Corporate grant with other faculty).
Dr. Scholl Foundation, ***Fast Track Teaching in the Sciences,*** 1999, $25,000 (Corporate grant with other faculty).
NSF, ***High-Field Multinuclear NMR in Undergraduate Education at Washington and Lee University***, 1996, $99,500 (with Erich Uffelman, Marcia France, and Lisa Alty).
C. B. Fleet Company, Inc., ***Kinetics Studies of the Hydrolysis of Bisacody1***, 2004, $41,000 (with Marcia France); Renewed, 2005, $35,460 (with Marcia France).