

Todd O. Northcutt

Education

University of Rochester Rochester, NY
Candidate for Ph.D. in Organometallic Chemistry
Master of Science in Chemistry, May 1998
Research Advisor: Professor William D. Jones

University of Washington Seattle, WA
Bachelor of Science in Chemistry, June 1996
Undergraduate Research Advisor: Professor James M. Mayer

Emory University Atlanta, GA
Associate of Arts, June 1993

Professional Experience

GameSpy Industries Costa Mesa, CA 1998 - present
Site Director, Captured.Com
Daily maintenance of website including gaming and community news, original content and management of hosted sites. Advise and lead area coordinators during redesign and reorganization of website and in contribution of content.

Lockheed Martin Corp. Marietta, GA 1993 - 1994
MSDS Documentation Technician
Worked with the Hazardous Materials group toward the development of an electronic distribution system for material safety data sheets. Duties included input of MSDS data and suggestions for refinement of distribution system.

Teaching/Research Experience

Research Assistant, University of Rochester 1997- present
Responsible for daily operation of laboratory, instruction of undergraduate researchers and investigation of the mechanism of C-H bond activation by rhodium pyrazolylborate complexes.

Teaching Assistant, University of Rochester 1996 - 1998
Teaching assistant for inorganic and organic lecture courses and advanced inorganic techniques laboratory.

Undergraduate Research, University of Washington 1995 - 1996
Synthesized a series of novel rhenium oxo pyrazolylborate complexes and investigated of their oxidation chemistry.

Publications

"Fluoride Reactions with Hydrotris(pyrazolyl)borate Rhenium Oxo Complexes: Re-F vs B-F Bond Formation." Darin D. Dumez, Todd O. Northcutt, Yoshihiro Matano, and James M. Mayer. *Inorg. Chem.* **1999**, 38, 3309-3312.

"¹¹B NMR: A New Tool for the Determination of the Hapticity of Trispyrazolylborate Ligands." Todd O. Northcutt, Rene J. Lachicotte and William D. Jones. *Organometallics* **1998**, 17, 5148-5152.

"Carbon-Hydrogen and Carbon-Carbon Bond Activation of Cyclopropane by a Hydridotrispyrazolylborate Rhodium Complex." Douglas D. Wick, Todd O. Northcutt, Rene J. Lachicotte and William D. Jones *Organometallics* **1998**, 17, 4484-4492.

"Synthesis and Reactions of Rhenium(V) Oxo-Hydride Complexes." Yoshihiro Matano, Seth N. Brown, Todd O. Northcutt and James M. Mayer. *Organometallics* **1998**, 17, 2939-2941.

Web Portfolio

Captured.Com	http://www.captured.com
Jones Research Group	http://chem.rochester.edu/~wdjgrp
The Monster Mash 1 & 2	http://www.dotdotdot.net/mash
Stormfront	http://www.captured.com/stormfront
Thunderwalker Invite Capture Ring	http://www.dotdotdot.net/twicr

Software/Computer Experience

Adobe *Acrobat*, Allaire *Homesite*, Bio-Rad *ChemWindow*, JASC *PaintShop Pro*, Microsoft *Excel*, *FrontPage*, *PowerPoint*, *Word*, Siemens *SHELXTL*. Extensive experience with Windows and Macintosh platforms, basic knowledge of UNIX.

References

References available upon request.