

## Deborah E. Rausch

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| <b>EDUCATION</b>              | Ph.D., ABD, Geology- University of Minnesota<br>M.S., Geology- University of Minnesota<br>B.A., Geology and Biology- Wittenberg University   |   |
| <b>PERFORMANCE EXPERIENCE</b> | Freelance Musician (Northern MN)<br>-Minnesota Ballet Orchestra<br>-Duluth Superior Symphony Orchestra (regular substitute)<br>-University of Minnesota Festival Orchestra<br>-frequent chamber music performer and recitalist   | 2010-present  |
|                               | Northern Lights Festival Opera Orchestra   | 2012-present  |
| <b>TEACHING EXPERIENCE</b>    | Instructor of Applied French Horn<br>Private Studio (Duluth)<br>Section Coach- Duluth Superior Symphony Youth Orchestra<br>Tri-State Band Festival French Horn Masterclass   | 2013-present<br>2015-present<br>2016<br>2013-present      |
|                               | Founder- Northland's Finest Horn Choir (NFHC)<br>Zenith Winds  | 2015<br>2014  |
| <b>MAJOR TEACHERS</b>         | Dr. Richard Chenoweth –<br>Wittenberg University, University of Dayton, Santa Fe Opera<br>James Pospisil –<br>University of Minnesota-Duluth, Duluth Superior Symphony<br>Herbert Winslow –<br>Minnesota Orchestra   | 1985-1988<br>2008-2014<br>2014-2015                       |
| <b>EMPLOYMENT HISTORY</b>     | Instructor of Applied French Horn<br>University of Wisconsin Superior-<br><br>Instructor- Life and Death of Dinosaurs, Earth History<br>University of Minnesota-Duluth<br><br>Instructor-Env Science, Oceanography<br>University of Wisconsin-Superior<br><br>Patron Services Desk Worker<br>Mt. Royal Library, City of Duluth | Fall 2013-<br><br>2011- 2013<br><br>2008<br><br>9/05-3/07 |

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| Post-Doctoral Researcher<br>Earth Science Department<br>Cardiff University, Wales                        | 3/01-5/03              |
| Instructor<br>University of Minnesota- Duluth  | 1/01-8/03              |
| Research Assistant<br>Large Lakes Observatory, University of Minnesota                                   | 1/97-12/01             |
| Supervisor/Environmental Services<br>Environmental Project Manager<br>American Engineering Testing, Inc. | 1994-1996<br>1992-1994 |
| Hydrogeologist<br>RREM, Inc.   | 1990-1992              |

**AWARDS &  
HONORS**

2001 Great Lakes Commission/National Sea Grant Fellow (declined)  
Outstanding Graduate Teaching Assistant (CSE), 1997  
National SeaGrant Research Assistantship (1998-2001)

**UNIVERSITY/  
LEADERSHIP**

Mentor/Direct Undergraduate Research Opportunity Projects  
(1998-2002)  
University of Minnesota Panel of Academic Misconduct  
Graduate Student Representative (1997-99)

**VOLUNTEER  
LEADERSHIP**

Board of Directors, Twin Ports Wind Ensemble (2014-present)  
Northern Lakes Second Harvest Food Bank- office volunteer (2012-present)  
Math and Science Tutor- ISD #709 (5 Points Program and Lester Park)  
Volunteer Classroom Science Educator- paleontology and geology  
Minnesota Science Fair Judge (Local, Regional, and State levels)  
Assist in development of museum displays- UMD Geology Dept (2010-2012),  
Duluth Children's Museum (1992-96), Great Lakes Aquarium (1999)  
"Harbor History"- Geology segment of WDSE Public Television Special  
Northern Pine Girl Scout Council- Troop Leader (2000-2008),  
Science Education Program Volunteer (1999-2007), Leadership Training  
(trainer) (2005), Board of Directors (1996-2000)

