

Heather Ellsworth Sutherland
Curriculum Vitae

Education

- 2007 – Present Emergency Medicine Residency
Regions Hospital
St. Paul, MN 55101
- 2003 – 2007 M.D.
Medical College of Wisconsin (MCW)
Milwaukee, WI 53226
- 1999 – 2002 B.S. – Chemistry, Biochemistry Emphasis
Utah State University
Logan, UT 84322
- 1998 – 1999 University of Utah
Salt Lake City, UT 84112

Research/Publications

- 2008 SAEM Photo Presentation—Lemierre’s Syndrome.
- 2004 “An Investigation of the Interactions Between hMcm10 and hSas10 that Alter Their Respective Subnuclear Localization.” **H. Ellsworth**, M. Lei, K. Wilcox, and J. Taylor.
-Poster presented at the annual Medical Student Summer Research Poster Session sponsored by MCW
- 2004 “Bacterial Acetone Carboxylase Is a Manganese-dependent Metalloenzyme.” J.M. Boyd, **H. Ellsworth**, and S.A. Ensign.
2004. *The Journal of Biological Chemistry*, 279(45): 46644-46651.
- 2003 “Interactions Between hMcm10 and hSas10 Alter Their Respective Subnuclear Localization.” **H. Ellsworth**, M. Lei, K. Wilcox, and J. Taylor.
-Poster presented at the annual Medical Student Summer Research Poster Session sponsored by MCW
- 2002 “Kinetic and Microcalorimetric Analysis of Substrate and Cofactor Interactions in Epoxyalkane:CoM Transferase, a Zinc-Dependent Epoxidase.” J.G. Krum, **H. Ellsworth**, R.R. Sargeant, G. Rich, and S.A. Ensign. 2002. *Biochemistry*, 41(15): 5005-5014.

- 2002 “Kinetic Investigation of the Epoxyalkane:Coenzyme M
Transferase.” **H. Ellsworth**, J.G. Krum, and S.A. Ensign.
-Poster presented at a national meeting of the American Society for
Microbiology: Salt Lake City, UT.

Extracurricular Activities

- 2003 – 2005 CO-OPS
-Participated in collaborative student note taking effort
- 2003 – 2005 Course Liason Committees: Cell and Tissue Biology, Pathology
-Participated on two committees that provided feedback to course
directors regarding course content and structure
- 2003 – 2005 The Latter-day Saint Students’ Association (LDSSA)
-Regularly attended meetings and weekly education sessions;
assisted in the planning and execution of a lunchtime presentation
for members of the student body
- 2003 – 2005 Student Emergency Medicine Association (SEMA)
-Participated in several tagalong experiences with an attending
physician at Children’s Hospital of Wisconsin
- 2004 Anatomy Lab Orientation
-Provided assistance and support to freshman medical students on
their first day in the anatomy lab

Community Activities

- 2007 – Present LDS Church—Youth Leader in the Young Women’s Organization
-Prepare and participate in weekly activities
- 2003 – 2007 Saturday Clinic for the Uninsured
-Obtain vital signs, elicit a history, and perform a physical exam on
clinic patients
- 2006 Rock Climbing Instruction
-Provided instruction to novice climbers
- 2005 Patient Educator
-Provided literature and resource information to patients without
insurance and with limited financial means

Work Experience

- 2001 – 2003 Laboratory Technician: Utah State University
-Contributed to the kinetic characterization of epoxyalkane:CoM transferase isolated from *Xanthobacter autotrophicus* and acetone carboxylases from both *X. autotrophicus* and *Rhodobacter capsulatus*
- 2001 – 2002 Teaching Assistant: Utah State University
-Aided the undergraduate physical chemistry laboratory instructor in preparing the weekly experiments and answering student questions
- 2000 – 2001 Rhetoric Associate: Utah State University
-Critiqued student writing assignments and met with students on an individual basis to offer feedback and suggestions
- 2000 American Heart Association Student Intern
-Obtained data and physical measurements from Women's Health Initiative participants enrolled at the Stanford study site; analyzed preliminary data to determine statistics relating various risk factors to specific outcomes

Honors and Awards

- 2006 Election to AOA
- 2002 College of Science Valedictorian

Interests

Rock Climbing, Mountain Biking, Road Biking, Fishing, Camping, Hiking, Volleyball, Water Skiing, Snow Skiing, Cross-country Skiing, Backpacking