

BRENT A. WALTERS

EDUCATION

Resident Physician – Emergency Medicine Regions Hospital, St. Paul, MN	June 2007 - Present
M.D. – Focus on Emergency Medicine University of Minnesota Medical School, Minneapolis, MN	May 2007
M.S. – Medical Genetics University of Wisconsin, Madison, Wisconsin	May 2002
B.S. – Genetics & Cell Biology University of Minnesota, Minneapolis, Minnesota	June 1998

RESEARCH EXPERIENCE & PUBLICATION

Emergency Medicine Resident Project Severe injuries in the NFL. Researching and reviewing all serious injuries sustained during NFL games over the years and using these data to set up simulation exercises to train resident and staff physicians that will be working the sidelines of NFL games as the airway specialists.	Advisor: Cullen Hegarty, M.D.
Master's Research Thesis <i>Spondylometaphyseal Dysplasia with Cone-Rod Dystrophy.</i> Delineation of a previously unreported dwarfing disorder. Roles included a comprehensive review of the literature, chart reviews, and case reports of affected individuals. Walters BA. Raff ML. Hoeve JV. Tesser R. Langer LO. France TD. Glass IA. Pauli RM. Spondylometaphyseal dysplasia with cone-rod dystrophy. <i>American Journal of Medical Genetics. Part A.</i> 129(3):265-76, 2004 Sep 1.	Advisor: Richard M. Pauli, M.D., Ph.D.
Summa Cum Laude Honor's Thesis <i>Behavior of Alpha Male Chimpanzees.</i> Reported on the behavior of an alpha male chimpanzee living in Gombe National Park, Tanzania and compared it to the behavior of the previous alpha male. Study completed at the Jane Goodall Center for Primate Studies, St. Paul, MN.	Advisor: Anne Pusey, Ph.D.
Undergraduate Research Assistant Participated in biochemical research in a neurology laboratory working with a mouse model of multiple sclerosis. Duties included growth, extraction and purification of human heat shock protein from bacterial plasmids.	Advisor: Gary Birnbaum, M.D.

PROFESSIONAL MEMBERSHIPS

American Academy of Emergency Medicine Member	2006 – Present
American College of Emergency Physicians Member	2007 – Present
Society for Academic Emergency Medicine Member	2006 – Present
American Medical Association Member	2003 – Present

CERTIFICATION

ACLS	2007 – Present
ATLS	2007 – Present
BLS	2004 – Present
PALS	2007 – Present

LEADERSHIP AND TEACHING POSITIONS

ACLS	Heathpartners
Instructor	2007
Emergency Medicine Interest Group	University of Minnesota Medical School
Student Member	2003 – 2007
Class of 2007 Representative	2003 – 2004
Treasurer	2004 – 2005
Confidential Peer Assistance Program	University of Minnesota Medical School
Student Member	2004 – 2007
Note Co-op	University of Minnesota Medical School
Author	2004-2005
Knowledge Co-op	University of Minnesota Medical School
Coordinator and Author for the Genetics Course	2003
Graduate Teaching Assistant	University of Wisconsin-Madison
<i>Genetics 721; Medical Genetics</i>	January 2002 – May 2002
Planned and led discussion sections, held exam review sessions and graded problem sets for first-year medical students.	
<i>Zoology 102; Introductory Zoology Laboratory</i>	January 2001 – December 2001
Organized and led three-three hour laboratory sections a week for undergraduate students. Wrote and graded weekly quizzes and papers & collaborated with other staff members in course planning.	
Undergraduate Teaching Assistant	University of Minnesota-Twin Cities
<i>Genetics & Cell Biology 5004; Advanced Cell Biology</i>	January 1998 – April 1998
Planned and led discussion sections, exam review sessions, and assisted upper-class undergraduate biology majors.	

WORK EXPERIENCE

Clinical Genetic Counselor, Department of Oncology	Robbinsdale, MN
<i>North Memorial Hospital (Full-time)</i>	July 2002 – July 2003
Provided comprehensive breast, colon, and ovarian cancer counseling as well as counseling for other adult onset genetic conditions. Collected and assembled medical records and extensive family histories, assessed cancer risks using current literature and computer-based models, and explained general cancer information and genetic susceptibilities to cancer as well as testing options and considerations.	
Emergency Room Radiology Technical Assistant	Edina, MN
<i>Fairview-Southdale Hospital (Full-time)</i>	June 1999 – June 2000
Worked with emergency room radiology technicians, doctors and nurses in obtaining radiographs of emergency room patients. Assisted with patient transport, medical examinations and procedures, billing, and computer data entry.	
Personal Care Assistant	Minneapolis, MN
<i>At Home Ltd. (Full-time)</i>	June 1998 – May 1999
Assisted independently living mentally ill adults with medical management and activities of daily living. Disorders included paranoid schizophrenia, schizoaffective disorder, bipolar disorder, and agoraphobia.	

VOLUNTEER EXPERIENCE

2007-Present - Mentor to University of Minnesota Medical Student through the Connections Program
2008 - US World Figure Skating Championships
2004 - St. Joseph Hospital Emergency Department Summer Preceptorship
2000-01 - Tay-Sachs Disease Screening, University of Wisconsin-Madison
1998 - Inner City Youth Basketball Coach, Minneapolis, MN
1997-98 - University of Minnesota-College of Biological Sciences Peer Mentor
1997-98 - Fairview/University Hospital Surgery Lounge, University of Minnesota
1997-98 - Care Partners-Assisted Pediatric Bone Marrow Transplant Patients, University of Minnesota Hospital
1997-98 - Ronald McDonald House, Minneapolis, MN
1995-97 - University of Minnesota Family Practice Clinic
1995-96 - University of Minnesota Variety Hospital for Children
1994 - Assistant Chairman Sigma Phi Epsilon Balanced Man Summer Scholarship Program

HONORS AND AWARDS

2003 Minnesota Medical Foundation Scholarship Award
Phi Kappa Phi, Golden Key, Mortar Board, Order of Omega, and Gamma Sigma Delta National Honor Societies
1998-Summa Cum Laude-University of Minnesota-College of Biological Sciences Honors Program
1994-98 University of Minnesota-College of Liberal Arts & College of Biological Sciences Dean's List
1997 University of Minnesota-College of Biological Sciences Senior Class Scholarship
1996 University of Minnesota-President's Student Leadership and Service Award
1995 Sigma Phi Epsilon National Fraternity-Clifford B. Scott GPA Award
1994-95 University of Minnesota-Sigma Phi Epsilon Highest GPA Award

References Available Upon Request