

TOBY DOCKTER

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EDUCATION:

Bachelor of Arts, Biology, May 2008
St. Olaf College Northfield, MN; Cumulative GPA: 3.70/4.00

RELEVANT COURSEWORK:

Analytical Physics, Introductory Biology, Chemistry, Organic Chemistry, Genetics, Human Anatomy & Physiology, Immunology, Independent Study in Human Anatomy & Physiology (cadaver dissection), Biochemistry, Statistics

SCIENTIFIC SKILLS:

UV, visual, and IR spectrophotometer; nuclear magnetic resonance (NMR); rotary evaporator; polymerase chain reaction (PCR); compound and dissecting microscopes; thin layer, column, and gas chromatography; electrophoresis; western blot; pH meter; laboratory thermometer; electronic balances (analytical and top-loading); STATA, Microsoft Excel and Word, Minitab, Power Point, Endnote, Mathcad; mass spectrometry; water cooled and reflux condensers; suction and pipette filtration; Hirsch funnel; Fischer-Jones melting point apparatus

MEDICAL EXPERIENCE:

Eye Research, Mayo Clinic, Rochester, MN (Summer 2007):

Completed independent research in an ophthalmology lab. Assisted in the publication of "Heavy Metal Concentrations in Human Eyes," with ophthalmologist Dr. Jay Ere and other researchers. The paper has currently been submitted to the *American Journal of Ophthalmology* for publishing.

Medical Intern, Mayo Clinic, Rochester, MN (January 2006):

Shadowed Dr. John Bachman, a family physician. Attended meetings, urgent care calls and assisted in screenings of priests admitted to Guest House, a local facility helping chemically dependent priests. Aided with compiling patient information and providing feedback to staff.

Volunteer, Northfield Hospital, Northfield, MN (2005-2006)

Worked collaboratively with staff in radiology department to file medical documents and prepare patient records.

LEADERSHIP:

Honor House Member, St. Olaf Honor House: Helping Overcome Poverty Through Education (2007-present):

Help increase poverty awareness on campus by putting up posters and speaking to the student body. Work with St. Olaf's TRIO/Gear Up programs to plan and carry out events for tutees, recruit volunteers, and educate the students.

Team Captain, Varsity Tennis Team, St. Olaf College (2007-present):

Awarded All-Conference Player for 2005-2006 season. Played as a collaborative member 2004-2208.

President and Member, Student Athletic Advisory Board (SAAB), St. Olaf College (2005-present):

Facilitate fundraisers for Lutheran Brotherhood and Northfield Youth Sports and Recreation. Encourage team spirit and sportsmanship on women's and men's tennis teams. Organize activities at athletic events for spectators.

Teacher's Assistant, Human Anatomy and Physiology, St. Olaf College (Fall 2007)

Dissected and presented human cadavers to the Human Anatomy and Physiology class. Helped students understand and master class material as well as assisting in setting up labs and grading tests.

VOLUNTEER:

Tutor, St. Olaf's Trio/Gear-up Program (2007-2008):

Tutor urban middle school students weekly at NE Middle School, mentoring and teaching study skills.

Volunteer, St. Olaf Athletic Training Room (Spring 2008):

Observe athletic trainer counseling and treating injured athletes. Assist with physical therapy, wrapping and icing.

Volunteer, Special Olympics, Northfield, MN (2004-2007):

Participate weekly in athletic activity with handicapped individuals. Encourage interaction with others and active living.