**BRIAN S. DAVIS**

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**EDUCATION Brigham Young University,** Provo, Utah

Bachelor of Science Bioinformatics (April 2016)

Minors: Computer Science and Chemistry

GPA: 3.85

* Phi Kappa Phi National Honor Society
* Golden Key International Honor Society
* Phi Eta Sigma Honor Society
* Dean’s List
* Heritage Scholarship BYU, four years full tuition scholarship
* Robert C. Byrd Scholarship from the State of Nevada Department of Education

**Coronado High School,** Henderson, Nevada

High School Diploma with Highest Honors, 2009

GPA: 4.0 unweighted, 4.7 weighted

* Valedictorian
* AP Scholar with Distinction
* Scholar Athlete, Nevada All-State Academic Teams in Volleyball and Cross Country
* National Society of High School Scholars
* National Honor Roll
* Attending Delegate, National Youth Leadership Forum on Medicine, UCLA Campus, Summer 2008

**EXPERIENCE DNA-Sequencing Lab BYU,** Provo, Utah

**Lab Assistant to Dr. John “Keoni” Kauwe, 2012-present**

* Using QPCR and other techniques to duplicate, sequence and analyze thousands of DNA strands
* Writing and designing computer programs to sift DNA data and identify risk factors for Alzheimer’s disease and mental decline
* Awarded $1500 ORCA grant, 2015, for research on . Paper for publishing in process of being written.

**Anatomy Lab BYU,** Provo, Utah

**Teaching Assistant to Dr. Jonathan Wisco, 2013-present**

* Group Leader Teaching Assistant, beginning Fall 2015, with responsibilities including exam set-up and weekly quizzes on cadavers, Peer Mentor evaluations and assistance, and leading weekly meetings of all teaching assistants.
* Teaching Assistant at the University of Utah Medical School, teaching medical school students innervations and functional anatomy during their Spine, Muscles, Bones, and Joints Unit in March and April of 2015, by request of Dr. Wisco.
* Peer Mentor Teaching Assistant, 2014-2015, with additional responsibilities to mentor, evaluate, and instruct other Teaching Assistants.
* Teaching Assistant, 2013-2014. Tasked with teaching human anatomy and physiology to students in weekly labs, supervising and answering questions in open lab, and caring for and maintaining cadavers and specimens

**Orem Community Hospital Emergency Room,** Orem, Utah

**Volunteer, Saturdays, 2014 to present**

* Responsibilities include taking and recording initial vital signs and intake information, taking lab samples for analysis, transportation of patients to other departments, and assisting medical personnel as needed.
* Participating in Disaster Drill, with responsibility to help with triage in simulated biological terror attack drill.

**Rising Star Outreach,** Chennai, India

**Volunteer and Nursing Assistant, July-August 2013**

* Washed, examined, oiled, and bandaged wounds of leprosy patients.
* Labored in construction of a dental clinic and sewage treatment facility.
* Taught, mentored, and lived on campus with children of leprosy patients.

**Oslo Norway Mission, Church of Jesus Christ of Latter-day Saints,** Norway

**Missionary, August 2010-August 2012**

* Dedicated two full years to serving others, answering questions, and helping people find true peace, something many were looking for after the tragic 2011 Oslo bombings.
* Served as Assistant to the President, with additional responsibilities of coordinating travel and accommodations for over 60 missionaries.
* Organized and led training meetings as district leader, zone leader, and Assistant to the President.
* Taught free Norwegian Language courses to people from a variety of cultures.
* Had unique experience of being followed and filmed for a segment aired on a prominent Norwegian television news program.

**Physician Shadowing Experience,** Las Vegas, Nevada

* Radiology Specialists, Ltd., Steven H. Davis, MD
* Observed a variety of interventional radiology procedures in addition to more traditional diagnostic imaging procedures.

Somerset #9, Provo, Utah

**Property Manager, Employed August 2012 to present**

* Responsibilities include renting, cleaning, and repairing condominium containing four tenants.

**City of Henderson Parks and Recreation,** Henderson, Nevada

**Lifeguard, Silver Springs Recreation Center, Employed Summer 2009**

* Qualified with Lifeguard Training and First Aid/CPR Certified for the Professional Rescuer
* Ensured safe swimming environment for variety of ages

Chapel of the Flowers, Las Vegas, Nevada

**Photo Editor and Assistant Photographer, Employed 2008-2009**

* Edited photos for hundreds of weddings utilizing advanced photo editing programs to adjust color, saturation, and hue.
* Photographed weddings as second camera man.

**LEADERSHIP & Brigham Young Student Services Association,** Provo, Utah

ACTIVITIES **Volunteer, Math Tutor, 2009-2010**

* Tutored at risk math students at Provo High School

**The Church of Jesus Christ of Latter-day Saints,** Provo, Utah

**Volunteer, 2012 to present**

* Service and leadership roles have included the following since returning from my mission to Norway:
* Elder’s Quorum President, with responsibility of organizing and involving over 100 men in monthly service and weekly teaching. Using an innovative approach, by the end of my service there was a dramatic increase in activity.
* Executive Secretary, with assignment to organize, calendar, and help things runs smoothly for the Bishop and other leaders of our congregation of 200 students.
* Ward Membership Clerk, with the duties of maintaining accurate records and up to date information about all members of the congregation, and entering photos and other pertinent facts into a computer data base.

**Eagle Scout, Boy Scouts of America, 2006**

**Member National Eagle Scout Association, 2006 to present**

* Earned 3 palms in addition to Eagle

**Sports**

* **Intramural Sports Teams 2012-present**
* **Volleyball, Water Polo, Ultimate Frisbee**
* **City League Volleyball,**
* **Provo Marathon, 2010**
* **Fun Run, Salt Lake, 2014?**

**SKILLS Fluent in the Norwegian Language**

**Computer proficiency includes both Apple and Windows programming, all Microsoft Office Applications, Photoshop, Final Cut, and programming in C++, Java, Python, R, and C**

**Laboratory skills include working with PCR and QPCR equipment**

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