

Kristian Ciarah Cook

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Education:

Current: Brigham Young University
Ph.D. Biology and Biology Education

2015: Brigham Young University
BS Public Health emphasis in Health Promotion

Internship:

Alzheimer's Association Utah Chapter

January 2015-July 2015

- Designed and implemented a physician-awareness campaign to put trustworthy informational sources in doctor's office across Utah and Salt Lake valleys
- Met with medical practice's office managers to promote educational materials and discuss and needs and concerns within their offices
- Attended seminars and conferences as a representative of the Alzheimer's Association to raise awareness of the signs and symptoms of Alzheimer's disease as well as the options and benefits provided by the Alzheimer's Association

Teaching Experience:

Biology 100 Instructor

January 2017-Present

- Designed and implemented introductory biology curricula
- Designed effective pedagogical strategies to increase scientific reasoning skills among students
- Wrote, administered and graded exams, class activities, lectures, and homework
- Held weekly office hours and reviews to meet with students on individual and group levels

Biology 130 Lab instructor

Fall 2012-Winter 2014

- Instructor of a weekly biology lab
- Helped design lesson plans
- Oversaw all instruction, quizzes, and lab/experiments performed in lab
- Held weekly office hours and monthly exam reviews for students
- Graded exams, quizzes, and homework assignments

Biology 130 Teaching Assistant

Fall 2014-Fall 2016

- Attended weekly lectures
- Worked closely with course professors to implement exams, design course schedule, and plan lecture lesson plans
- Covered lectures for anticipated and unanticipated professor absences

Human Geography Teaching Assistant

Fall and Spring 2011

- Attended weekly lectures
- Worked closely with course professors to implement exams, design course schedules, and design lecture lesson plans
- Covered lectures for anticipated and unanticipated professor absences

Research Experience:

Biology Course Curriculum Design

January 2017-Present

- The development and assessment of undergraduate biology curricula using evidenced-based pedagogical strategies with the goal to increase student scientific reasoning skills and deep conceptual understanding.
- Mentored two undergraduate students on my research team

Rheumatic Heart Disease Education and Prevention

April 2017-Present

- Lead a team in the development and assessment of a principal-run Rheumatic Heart Disease prevention program in Samoa.
- Ran the assessments of a study aimed at measuring retention of a health promotion presentation among primary-school children in Samoa
- Mentored four undergraduate students on my research team

Rheumatic Relief:

October 2016-Present

- As a member of the Rheumatic Relief team, our goal is to relieve the burden of childhood rheumatic heart disease (RHD) through health promotion and education, echocardiographic screening and follow-up, and genetics research.
- Spend two-weeks each May (study abroad) implementing our programs focusing on the prevention and diagnosis of Rheumatic Heart Disease among the primary school-aged children of Samoa.
- Work with university students in a weekly class for the semester up until the study abroad to learn songs, puppet show presentations, and basic Samoan phrases along with medical protocols to prepare for our time in Samoa

Skills:

- Statistical software
 - JMP
 - SPSS

Other Experience:

Walk to End Alzheimer's Event Volunteer

August 2015-Present

- Plan, set up, and oversee informational booth at Walk to End Alzheimer's events

Physician's personal technician and scribe

June 2010-July 2015

- Personal Scribe and technician for Dr. Loran D. Cook, MD
- Personal Scribe for Dr. Loran Todd Cook, MD (Also Nov-Dec 2016)
- Scribed for physicians at Utah Valley Eye Center while they examined and consulted with patients
- Shadowed physicians during surgery
- Ran diagnostic tests and screening examinations on patients
- Assisted patients in post-surgery examinations

Personal Caregiver

November 2012-October 2015

- Worked as a personal caregiver to an individual with Alzheimer's disease.
- Designed and implemented appointment plans and activities to practice communication, memory retention, and fine motor skills
- Assisted individuals as they attended appointments, social events, and ran errands.

Publications:

Under Review: "Measuring Retention of a Health Promotion Presentation Among Primary-School Children in Samoa" (co-author)

Presentations:

Kristian C. Cook. Concrete to Abstract: A Curriculum Design That Utilizes How People Learn. SABER WEST 2017. (poster presentation)

Lori Allen, **Kristian C. Cook**, Brooke L. Spencer. Potential of a Principal-Run Rheumatic Heart Disease Prevention Program in Samoa. World Cardiology Conference. (e-poster presentation)