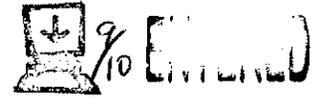


LM9/10 LM9/16

1214 Sacramento Street, Portland, TX, 78374 | 507-720-1722 | kellogg_brady@yahoo.com



Undergraduate student with diverse research experience committed to excellence and improving the wellbeing of society.

EDUCATION

Delmar College

Biotechnology Certificate/Pre-pharmacy

101 Baldwin Blvd, Corpus Christi TX

(361) 698-1328

Texas A&M University

Biomedical Science

6300 Ocean Dr Corpus Christi, TX 78412

(361) 825-5700

South Central College

Liberal Arts

1920 Lee Blvd North Mankato, MN 56003

(507) 389-7200

AWARDS

Honorable Mention, 12th Annual Undergraduate Research Symposium

TEACHING EXPERIENCE

Del Mar College

Chemistry Tutor

Developed teaching plan for more than fifty students needing help with coursework in Chemistry, Algebra, and Biology.

RELATED EXPERIENCE

National Natural Toxin Research Center, Kingsville, TX

Summer Intern

- Conducted cancer research on protein in snake venom.
- Performed High performance liquid chromatography to isolate protein,
- Utilized bacteria transformation and plasmid manipulation to clone protein.
- Frequently used SDS Page, Western Blot, and Spectrophotometry for protein analysis.
- Used whole blood aggregometer and Sonoclot to test protein activity.

Del Mar College

Student Researcher

Spring 2012 and Fall 2012

Laboratory

- Isolated mycobacteriophage as part of the Phage Hunters Initiative sponsored by the Howard Hughes Medical Institute. Registered phage on the Phage Database under the name *Speed*.

Bioinformatics

- Annotated and characterized the mycobacteriophage *Goose* as part of the bioinformatics portion of the Phage Hunters Initiative using DNA Master and Phamerator bioinformatic software.

Student

Spring 2013

Cell Culture

- Cultured and transfected mammalian cancer cell lines, and yeast cells.
- Performed cell splitting, cell survival assay, crystal violet and Hoechst staining procedures.
- Transfected *Arabidopsis Thaliana* cells using *Agrobacterium Tumefaciens*

Biochemistry

- Conducted experiments using the following techniques
 - Polymerase Chain Reaction (PCR)
 - Real Time PCR
 - Reverse Transcriptase PCR
 - Thin Layer Chromatography
- Performed enzyme rate assays

PRESENTATIONS

Presented *The Cloning, Expression, and Purification of a functional snake venom C-type Lectin from the Southern Pacific Rattle Snake with Potential antimetastatic activity* and won honorable mention at the Sigma Xi 12th Annual Undergraduate Research Symposium.

Presented *The Complete Genomic Annotation and Comparison of an Innovative Bacteriophage: Goose* at the 2012 Texas Branch of the American Society of Microbiology Meeting held at New Braunfels, Texas.