

# Julie Beans

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## **Employment**

### **Southcentral Foundation**

**11/14 - Current**

#### Researcher – Research Department

- Coordinate research studies networking across departments to achieve each aim
- Grant writing support to PIs
- Assist with data collection, management, analysis and dissemination
- Assist PIs with research reports, manuscripts and presentations

### **Covance Labs**

**07/08 – 10/14**

#### Research Assistant II – Bioanalytical Chemistry – June 2010 – October 2014

- Promoted March 2011, March 2012 and December 2013
- Extraction, analysis and quantitation of analyte of interest in biological samples of various matrices
- Analysis of samples utilizing high pressure liquid chromatography and mass spectrometry
- Manage team and projects according to workload in order to meet timelines

#### Study Technician II – Toxicology - June 2008 – June 2010

- Promoted June 2009
- Accurately monitor, observe and record health of each animal
- Communicate and work effectively with a large study team spanning multiple departments
- Analyze neuro-toxic effects, perform intravenous and subcutaneous procedures

### **University of Wisconsin – Madison**

**01/07 – 06/08**

#### Co-President, Wunk Sheek - July 2007 – June 2008

- Effectively managed a \$92,000 budget and negotiated a 10% increase for the following year
- Supervise staff of four to carry out the mission of the organization by organizing and executing events that promoted Native American awareness on the UW-Madison campus
- Organized and facilitated annual \$32,000 powwow with a record number of 1500 attendees

#### Research Assistant, Genetics Department - January 2007 – May 2008

- DNA sequencing – PCR, sequencing reactions, DNA clean up, DNA extraction and analysis of sequence
- Identify and characterize plants with mutations in some differentially controlled proteins to closely examine the gravity signal transduction events in Arabidopsis
- Created an Excel file to map out the genome of Arabidopsis back crosses to track a mutant gene
- Trained and mentored new research assistants

### **Great Lakes Intertribal Council**

**08/04 – 08/06**

#### Research Assistant

- Research surveying the prevalence of cancer among Native American tribes in Wisconsin (04-05)
- Studied genetic traits of bone strength in congenic strains of mice (05-06, volunteered 06-07)
- Bred, weaned and tagged mice, extract and quantify DNA, set up PCR's, gel electrophoresis and entered and analyzed data

## **Education**

Capella University – Minneapolis, MN

Master of Public Health – Social and Behavioral Sciences – March 2014

University of Wisconsin-Madison

B.S. Biology and Certificate in American Indian Studies – August 2008