Sinéad Brien

Personal Profile

Dedicated teacher and environmental educator with three years of experience in science education. Peace Corps volunteer fluent in Spanish and Portuguese. Known for promoting a culturally sensitive learning community. Demonstrated ability to lead outdoor environmental education workshops. Trusted and effective team player that exercises sound judgement. Consistent track record for developing science lessons for varying ages and education levels. Proven reputation for flexibility and a passion for nurturing a love of science.

**Experience**

|  |  |
| --- | --- |
| U.S. PEACE CORPS | January 2010–December 2010 |

**Education Volunteer, Environmental Education Manager**

Gorongosa National Park, Mozambique

* Prepared curricula and conducted classes in both English and Portuguese.
* Coordinated 2-5 day Environmental Education workshops customized for primary and secondary level groups.
* Adapted a conservation agriculture curriculum for use in two rural primary schools.
* Collaborated with Xibuwewe music school teachers and Gorongosa National Park administrators to create a CD of educational songs.
* Developed and implemented culturally relevant lessons on place-specific ecology.

|  |  |
| --- | --- |
| U.S. PEACE CORPS | September 2007-December 2009 |

**Education Volunteer, Biology Teacher**

Agrarian Institute of Chokwe, Mozambique

* Successfully taught a variety of biology topics including ecology, botany, and use of the light microscope.
* Conducted bi-weekly outdoor physical education classes for students between the ages of 7 and 15.
* Developed and implemented Biology lessons in Portuguese in compliance with the national curriculum.
* Empowered students to resolve local community issues through the use of scientific method in science fair projects.
* Mentored a 12-year-old boy living with HIV. Tutored him in math, English as a second language, and natural science.
* Established after-school activities that built self-esteem, facilitated teamwork, and served as safe spaces to discuss everything from home life to health and gender issues.

|  |  |
| --- | --- |
| ONCOMED PHARMACEUTICALS, INC | June 2007-August 2007 |

**Research Intern, Laboratory Assistant**

Redwood City, California

* Successfully performed subcutaneous injections, necropsy, and tumor dissection.
* Monitored experiments on efficacy of cancer stem cell treatments in mice.
* Assisted senior *in vivo* research scientist in daily tasks.

|  |  |  |
| --- | --- | --- |
| **Education** |  | |
| WILLAMETTE UNIVERSITY | | May 2007 | |

**B.A. Biology and Spanish with honors GPA: 3.78**

Salem, OR

* Studied in Spain in Fall 2006
* Helen Yeomans Luther Scholar
* Willamette University Grant (merit-based tuition grant)
* Parrish Middle School Mentor and Soccer Coach

**Honors**

|  |  |
| --- | --- |
| SPUR Grant, 2006 (Summer Program for Undergraduate Research at NUI Maynooth) |  |

* Performed 2D gel elecrophoresis for lung cancer research.