

Position Offering: Outreach Health and Life Science Educator

The HALS outreach educator will specifically deliver outreach programming and museum experiences that incorporate a variety of life science concepts, including but not limited to: anatomy, dissection, genetics, cell biology and health and wellness. Educators provide instruction in local school classrooms and through programs within the Center. DCS educators provide learning opportunities to and for youth using DCS designed curriculum. The curriculum is tied to the National Science Standards and Grade Level Expectations and Missouri's achievement testing. Instruction using innovative and interactive methods is intended to complement and enrich classroom teaching, assisting both the students and teachers involved. The instructional content will generally cover the topics of chemistry, physics, biology, earth/environmental science, astronomy and engineering.

General Description of Duties:

- *Outreach Teaching*-The Outreach HALS Educator's main focus will be providing in-school instruction on topics such as electricity and magnetism, ecology, earth science, weather, simple machines, energy, matter, chemistry, health and life sciences, and astronomy. Travel to various school sites, Incredible Pizza, libraries or other community events is generally within a travel distance of 1.5 hours of driving time. Outreach sessions are 7 weeks in length, and are scheduled by the Program Facilitator. Each one hour lesson comes equipped with a lesson plan and supply tub containing all necessary materials.
- *Discovery Center classes*-The Outreach HALS Educator will be available, when not scheduled for an outreach program, to teach various in-house and distance learning programs, including both general science and life-science oriented. These programs range from 30 minutes to one hour in length, and are available year-round to grades pre-k-12. In addition, summer workshops are

- offered at DCS from June-August. The outreach educator will assist in developing and teaching summer workshop classes.
- *Event planning*-The Outreach HALS Educator will assist with planning and implementation of education special events such as Pi Day, Earth Day, DNA Day etc. Special events may require occasional evening and/or weekend hours.
 - *Data Collection*-The Outreach HALS Educator will assist the Education Director with data collection and curriculum development.
 - *Informal Education Facilitation*-The Outreach HALS Educator will serve as a docent to facilitate visitors' experiences while at DCS, especially in the Cruse Charitable Trust ChromoZone and BodyWorks Galleries.

Education and Experience:

- Bachelor's degree in science or related field from an accredited college or university is required
- Minimum of 1 year experience working with children, preferably in education setting
- Experience in classroom presentation and management
- Strong background in science is required, in life sciences is preferred
- Experience working with the public and difficult situations
- Has competency with computers and other technologies

Position will be offered through Feb 5, 2010. Please submit a resume with your cover letter to Discovery Center or e-mail to kdoverspike@discoverycenter.org.