

Faculty Position Announcement Chemical Engineering Brigham Young University

The Chemical Engineering Department of Brigham Young University (BYU) announces that it has an opening for a continuing-status-track faculty position to begin August 2014. The undergraduate students in the department have average nationalized test scores (ACT/SAT) in the 95th percentile, and the number of Chemical Engineering B.S. graduates ranks in the top 20 schools in the nation. The department maintains a rigorous and productive graduate research program. Additional department information appears at che.byu.edu.

Preference will be given to those with expertise in catalysis, thermodynamics, semi-conductors, or energy, but the position is open to all motivated candidates regardless of research area and experience. The new faculty member will be expected to excel in teaching at the undergraduate and graduate levels, and to develop a dynamic, externally-funded research program. A doctoral degree in chemical engineering or a related field is required.

Initial rank will be consistent with qualifications and experience. BYU, an equal opportunity employer, requires all faculty members to observe the university's honor code and dress and grooming standards (see honorcode.byu.edu). Preference is given to qualified members in good standing of the affiliated church- The Church of Jesus Christ of Latter-day Saints.

Interested applicants must complete the online BYU employment application (yjobs.byu.edu) that includes a curriculum vitae, statement of interest, teaching statement, research statement, and names of three professional references. Applications will be accepted until Monday, December 2, 2013. Questions and correspondence should be addressed to Dr. W. Vincent Wilding, Search Committee Chair, 350 CB, Provo, UT 84602, vincent_wilding@byu.edu, ph. 801-422-2393.

Application Details:

A. Curriculum Vitae

Application must include a complete curriculum vitae, including a list of degrees earned, employment history, and a complete list of publications and research awards.

B. Statement of Interest

Application must include a brief statement (one page or less) of interest in becoming a faculty member at Brigham Young University. Explain how your interests align with the special mission of BYU. Include a statement of your philosophy of the relationship between research and teaching.

Please read the following documents related to the mission of BYU as you prepare the application:

- [The Charted Course of the Church in Education](#), by J. Reuben Clark Jr.
- [Climbing the Hills Just Ahead: Three Addresses](#), by Spencer W. Kimball
- [Our Sacred Trust: Two Addresses](#), by Gordon B. Hinckley

Additional foundation documents for BYU are located at <http://aims.byu.edu/p/foundationdocs>.

C. Teaching Statement

Please provide a 2-3 page teaching statement that includes the following:

1. A description of past teaching experience and accomplishments, if any.
2. A description of topics/courses you are interested in and qualified to teach.
3. A discussion of your teaching philosophy including teaching methods you intend to emphasize.
4. A description of your plans to develop your teaching skills.

D. Research Statement

Please provide a 4-5 page (including figures/tables) research statement that includes the following:

1. A general description of the research areas that will be investigated if given a position at BYU.
2. Two brief proposals for research projects that could be initiated when first arriving at BYU. Please limit the description to one page for each proposal. Include a list of potential funding sources for each project.
3. An outline of the laboratory and computer facilities that will be required for the research, including any special equipment.
4. Ideas for potential collaborations within the department, at BYU, or with other individuals.

E. Professional References

The application must include a list of at least three professional references, with appropriate contact information (phone, address, and email). A short explanation of why each person was chosen as a reference should be included. The BYU ChE Department will contact three of the references for a written recommendation, letting the applicant know which people were contacted. The applicant is responsible for ensuring that the letters of recommendation are received by the department before the end of the application period.