EVOLUTION OF INSTITUTIONAL CULTURE TO DIVERSIFY THE PROFESSORIATE

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Our Approaches

We are using a “bottom up” approach within departments that we call “Collaborative Transformation.” Facilitators from outside ISU hold focus group meetings to discuss department culture, practice and structure. Findings from the meetings are shared with departments. Needs assessment meetings are conducted by ADVANCE Professors and tailored to meet the needs of individual departments. These meetings have enhanced the awareness of the role that departmental climate can have on recruitment, retention and advancement of faculty. Departments have responded to these assessments by:

- changing the time of departmental meetings to accommodate child care and school schedules
- increasing transparency in the assignment of teaching responsibilities
- strengthening mentoring programs for new faculty
- changing governance documents to clarify protocols for advancement to full professor
- creating guidelines describing how the arrival of children affects teaching and research responsibilities

At the college and university levels (“top-down” approach), the ISU ADVANCE Program has sponsored workshops and discussions to inform the faculty of ways that culture, practices, and structures can enhance and/or hinder recruitment, retention, and advancement, including events that address:

- ways to increase flexibility in faculty careers
- ways faculty search committees can increase diversity in candidate pools and avoid unintentional bias during the interview and selection processes
- pathways to promotion to full professor

Our work has met with some success, though there is still need for improvement. We investigated the number and percentage of women in STEM disciplines from 2001-2009. We also examined the percentage of women in leadership at ISU.

Figure 1. The number of tenured and tenure-eligible faculty at ISU has declined; the number of STEM faculty has been stable.

Figure 2. The percentage of full and associate professors who are women has increased as women have moved through the academic ranks.

Figure 3. The percent of new faculty hires in STEM disciplines who are women reached a ten-year peak in 2009.

Changes at Iowa State 2001-2009

Women fill leadership positions at Iowa State, but there is still room for improvement in the advancement and recognition of women faculty.

Figure 4. The leadership categories that have shown an increase during the course of our grant are higher administrators and associate deans. Women are well represented among higher administrators, deans and associate deans, but not among department heads.

Summary

Our goal is to create positive change in institutional culture to make Iowa State University a better place to work for both women and men. We anticipate that, as ISU continues evolving, this institutional transformation will yield lasting changes in the representation and advancement of women faculty and underrepresented minority faculty in STEM disciplines.

ISU ADVANCE Leadership Team

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This material is based upon work supported by the National Science Foundation under Grant No. SBE-0600399. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation.