

THE PENNSYLVANIA STATE UNIVERSITY
HANKIN CHAIR IN RESIDENTIAL BUILDING CONSTRUCTION

The College of Engineering at Penn State seeks candidates for the Bernard and Henrietta Hankin Chair in Residential Building Construction. This Chair was established in 1988 with a \$1m endowment from the Hankin family. It provides an opportunity for an energetic and enthusiastic faculty member to join the Department of Civil and Environmental Engineering and/or the Department of Architectural Engineering to further engineering excellence in the homebuilding industry through teaching, research, technology transfer and public service. This position, which also serves as the Director of the Pennsylvania Housing Research Center (PHRC), comes with significant operating funds, provided annually, for program support. In addition, the applicant will have access to PSU's broad range of facilities and rich interdisciplinary environment.

Applicants should have: an engineering or construction management background; substantial knowledge and experience in the field of residential building design and construction; and a Ph.D. or equivalent. Eligibility for appointment as a full professor is required. Professional registration is also desirable. Preference will be given to applicants who conduct research in the areas of residential building design and construction, sustainable buildings, energy issues in residential buildings, lifecycle analysis of buildings and related infrastructure, and sustainable land development.

The holder of this Chair is expected to have the vision for integrating an engineering approach into residential design, construction, and land use, with the goal of promoting quality community development. The Chair directs the homebuilding industry focus within the College of Engineering and takes advantage of collaborative opportunities with the College of Arts and Architecture, various centers within Penn State (e.g., Smart Spaces Center, the Center for Sustainability, Protective Technology Center), the Pennsylvania Builders Association (PBA) and the National Association of Home Builders (NAHB). The Chair is expected to provide leadership in advancing education in the field by teaching and administering undergraduate and graduate courses, conducting independent funded research, advising students, participating in technology transfer and other public service activities, providing guidance to the student chapter of the NAHB and proactively interacting with the homebuilding industry.

A major duty of the Hankin Chair is to provide leadership for the Pennsylvania Housing Research Center (PHRC), located in the Department of Civil and Environmental Engineering and formed in 1979. The PHRC is a technically oriented center, with past research activities including the following broad areas: subdivision infrastructure systems; building science; energy analysis and optimization; characterization, testing and modeling of structural systems and materials; information technology; leadership and management in the homebuilding industry; technology transfer; construction management; and sustainable development and design. The PHRC has five technical and administrative support staff and participation of faculty from inside and outside the College of Engineering.

Nominations and/or applications, including a curriculum vitae, statements of teaching and research interests, and a list of at least three references should be submitted electronically in a single pdf file to: Hankin Professor Search Committee Chairperson ldmdo@engr.psu.edu. The search committee will begin to review applications on February 1 2012, and will continue to accept nominations and/or applications until the position is filled. The appointment is expected to begin Fall Semester, 2012. Any questions related to the position should be directed to the Search Committee Co-Chairs:

- Dr Chimay Anumba, Head of Architectural Engineering; Email: anumba@engr.psu.edu; Tel: 814-865 6395
- Dr Peggy Johnson, Head of Civil & Environmental Engineering; Email: paj6@engr.psu.edu; Tel: 814-863 3084

We encourage applications from individuals of diverse backgrounds. Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.