

Multiple Faculty Positions in Energy-Related Separations Research University of Notre Dame

As a part of a campus-wide sustainable energy initiative, the Notre Dame Energy Center at the University of Notre Dame (<http://energycenter.nd.edu>) invites applications for multiple open-rank positions, including endowed-chairs, in energy-related separations research. Areas of interest broadly include theoretical and experimental development of novel materials and/or approaches for separations using absorption, adsorption, membranes and biological or hybrid systems. Energy-related applications could include air separation, less energy intensive groundwater remediation and wastewater treatment methods, water desalination, recovery of dilute organics from aqueous solutions, and actinide/nuclear separations, among many others. Notre Dame's energy initiative encompasses the Colleges of Science and Engineering, builds on existing strengths in materials for more sustainable nuclear, fossil, and solar energy, and represents a new phase in the University's research growth with strategic investment in people and infrastructure. Successful candidates will bring strong programs in engineering or chemical sciences, will embrace collaborations within and across disciplines, and will incorporate excellence in both undergraduate and graduate education. Senior applicants should have a record of national and international distinction. Primary and joint appointments are envisioned in the Departments of Chemical and Biomolecular Engineering, Civil Engineering and Geological Sciences, Aerospace and Mechanical Engineering, and Chemistry and Biochemistry.

Applicants should submit a curriculum vitae, a list of publications, detailed research plans, and a statement of teaching interests. Junior candidates must also arrange at least three letters of recommendation, while senior applicants can apply in confidence. Applications will be reviewed beginning November 1st, and on a continuing basis until the positions are filled. All materials should be e-mailed to villarosa.2@nd.edu (Subject: Energy Search) or post-mailed to Energy Search Committee, c/o Barb Villarosa, Notre Dame Energy Center, 182 Fitzpatrick Hall, University of Notre Dame, Notre Dame, IN 46556. The University of Notre Dame, an equal opportunity employer with a strong institutional and academic commitment to diversity, endeavors to foster a vibrant learning community animated by the Catholic intellectual tradition.