

Bucknell UNIVERSITY

Master of Science in Chemical Engineering

Bucknell is a highly selective private institution that combines a nationally ranked undergraduate engineering program with rich learning environment of a small liberal arts college. For study at the Master's level, the department offers state-of-the-art facilities for both experimental and computational work, and faculty dedicated to providing individualized training and collaboration in a wide array of research areas.

Nestled in the heart of the scenic Susquehanna Valley in Central Pennsylvania, Lewisburg is located in an ideal environment for a variety of outdoor activities and is within a three-hour drive of several metropolitan centers, including New York, Philadelphia, Baltimore and Washington D.C.

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J. Csernica (Ph.D., M.I.T.)

Diffusion in polymers, polymer surface modification

D.D. Dutcher (Ph.D., University of Minnesota)

Physicochemical properties: atmospheric & health related aerosols

E.L. Jablonski (Ph.D., Iowa State)

Thin films, surface chemistry

J.E. Maneval (Ph.D., U.C. Davis)

NMR methods, membrane and novel separations

K.P. Mineart (Ph.D., North Carolina State)

Nanoscale hierarchical self-assembly

E.A. Miskioğlu (Ph.D., Ohio State)

Engineering education, technical communication, instructional design

M.J. Prince (Ph.D., U.C. Berkeley)

Environmental barriers, instructional design

T.M. Raymond, Chair (Ph.D., Carnegie Mellon)

Atmospheric science, organic aerosols, air pollution

R.C. Snyder (Ph.D., U.C. Santa Barbara)

Conceptual design crystallization

W.J. Snyder (Ph.D., Penn State)

Polymer degradation, kinetics, drag reduction

M.A.S. Vigeant (Ph.D., Virginia)

Bacterial adhesions to surfaces

B.M. Vogel (Ph.D., Iowa State)

Biomaterials, polymer chemistry

K. Wakabayashi (Ph.D., Princeton)

Polymer hybrid materials sustainable processing

W.J. Wright (Ph.D., Stanford)

Mechanical behavior, bulk metallic glasses, nanoindentation