

# 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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[www.bucknell.edu/graduatestudies](http://www.bucknell.edu/graduatestudies)

**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. Miskioglu** (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*