PURDUE UNIVERSITY

Sustainable and Resilient Agriculture through Precision Drug Delivery in Plants

October 13 | 12:00 – 1:15 PM | DLR 131

In this talk Dr. Lowry will discuss novel materials for nanocarriers, designs and processes for making them, and will highlight what we do and do not know about factors influencing their uptake into leaves, mesophyll cells, and phloem, as well as subsequent distribution to other plant tissues, e.g. roots, stem, younger leaves. Overall, this body of work is helping to provide design rules for new materials that can provide precision delivery of agrochemicals to plants.

Gregory V. Lowry, Walter J. Blenko, Sr. and Professor of Civil & Environmental Engineering at Carnegie Mellon University

Co-sponsored by
Agricultural and Biological Engineering and
Institute for a Sustainable Future