

**Spotlight on Technology, Arts, Research & Scholarship
STARS 2011**

Wednesday, November 30, 2011, Sears Recital Hall, 9:00 AM – 5:00 PM

***** EVENT SCHEDULE *****

MORNING SESSION

Time	Name/Title	Title
9:00 AM	Mickey McCabe, Ph.D. V.P. for Research Executive Director of Research Institute	WELCOME
9:05	Shawn M. Swavey, Ph.D. Associate Professor, Chemistry	“The Effect of Light Activated Complexes on Skin Cancer”
9:30	Kurt J. Jackson, P.T., Ph.D., G.C.S. Neurology Coordinator Doctor of Physical Therapy Program Health and Sports Science	“Community Based Kickboxing Program for Improving Gait, Balance and Quality of Life for Persons with Multiple Sclerosis”
9:55	Susan C. Davies, Ed.D., NCSP Assistant Professor Counselor Education and Human Services	“Improving Educator Response to Traumatic Brain Injuries”
10:20	Teresa L. Thompson, Ph.D. Professor, Communication	"Hope and the Act of Informed Dialogue: A Delicate Balance at End of Life"
10:45	Denise G. Taylor, Ph.D., P.E. Assistant Professor Civil and Environmental Engineering and Engineering Mechanics	“New Views of Biocontrol: Engineering Bioprocesses in Wastewater Treatment”
11:10	Donna L. Street, Ph.D. Professor, Accounting	“Informing the International Accounting Standard Setting Process”
11:35	Fr. François E. Rossier, S.M. Executive Director, Marian Library International Marian Research Institute	"Mary at the Crossroads of Theology and Anthropology"
Noon	LUNCH BREAK	<i>Talks resume at 1:00 PM</i>

AFTERNOON SESSION

<p>1:05 PM</p>	<p>J. Kelly Kissock, Ph.D., P.E. Professor and Chair Mechanical & Aerospace Engineering Renewable and Clean Energy Program</p>	<p>“Ways to Improve Energy Efficiency and the Importance of it for Our Society”</p>
<p>1:30</p>	<p><u>Keynote:</u> Caroline Whitacre, Ph.D. <i>Vice President for Research</i> The Ohio State University</p>	<p>“The Role of the University in Addressing Problems of Global Dimension”</p>
<p>2:15</p>	<p>Scott A. Gold, Ph.D. Associate Professor Chemical & Materials Engineering Ohio Research Scholar Chair in Multiscale Composites Processing</p>	<p>“Direct Digital Manufacturing: Challenges and Potential”</p>
<p>2:40</p>	<p>William F. Turri Group Leader, Remote Sensing Group Sensor Systems Division University of Dayton Research Institute</p>	<p>“Next Generation Image Compression”</p>
<p>3:05</p>	<p>Timothy J. Fry, Ph.D. Group Leader, Experimental & Applied Mechanics Aerospace Mechanics Division University of Dayton Research Institute</p>	<p>“The Role of Multidisciplinary Engineering in Aerospace Modeling and Simulation”</p>
<p>3:30</p>	<p>Robert E. Kauffman Distinguished Research Chemist Group Leader, Fluid Analysis Lab Nonstructural Materials Division University of Dayton Research Institute</p>	<p>“SMART Sensors for Everyday Life”</p>
<p>3:55</p>	<p>Tracy L. Reilly, J.D. Associate Professor University of Dayton School of Law Program in Law & Technology</p>	<p>“Current Intellectual Property Law Issues in Music & Marketing”</p>
<p>4:20</p>	<p>Jack J. Bauer, Ph.D. Roesch Chair in the Social Sciences Associate Professor, Psychology</p>	<p>“The Science of Life Stories and Personal Growth”</p>
<p>5:00</p>	<p>RECEPTION-TORCH LOUNGE</p>	