

# YOUR COLLEAGUES. YOUR COMMUNITY. SHARE IN THE DISCOVERY.

## 6th Annual STARS Symposium

### Spotlight on Technology, Arts, Research and Scholarship

Support your colleagues and expand your knowledge at STARS.

You'll learn about important research happening across campus while showing your support for fellow academics and researchers who were nominated to present on innovative developments in their professional fields. Experience the discoveries happening right now in your UD community.

Thursday, Sept. 17, 2015

9 a.m. to 4:30 p.m.

Science Center auditorium (Room 114)

*A reception will follow in the Science Center auditorium lobby.*

#### MORNING SCHEDULE

9 a.m. — **Anne R. Crecelius, Ph.D.**, health and sports science, "*Oxygen Supply and Demand: the Human Vasculature's Impressive Matching Abilities*"

9:30 a.m. — **Vijayan K. Asari, Ph.D.**, electrical and computer engineering, "*Recent Progress in Wide-Area Surveillance: Protecting Our Pipeline Infrastructure*"

10 a.m. — **Susan W. Brenner, J.D.**, law school, "*Threat Morphing in Cyberspace: Moving Beyond Spatial Security*"

10:30 a.m. — **Michael C. Wicks, Ph.D.**, UDRI — intelligence, surveillance and reconnaissance group, "*Radio Frequency Tomography for Remote and Close-In Sensing*"

11 a.m. — **John J. Kanet, Ph.D.**, MIS, operations management and decision sciences, "*On Time by Design: The Research Behind Production Schedules*"

11:30 a.m. — **Luncheon and Keynote address** in Kennedy Union ballroom (by reservation only)

Noon — **Keynote address by Rajan Rajendran, Ph.D.**, vice president, System Innovation Center and Sustainability at Emerson Climate Technologies. "*The Helix - A Different Way of Thinking*"

#### AFTERNOON SCHEDULE

1 p.m. — **Andrew P. Murray, Ph.D.**, mechanical and aerospace engineering, "*Complexity for Simplicity: The Elegance of Variable Geometry Mechanisms*"

1:30 p.m. — **Jackson A. Goodnight, Ph.D.**, psychology, "*One Size Does Not Fit All: Parenting At-Risk Youths*"

2 p.m. — **Jamie G. Longazel Ph.D.**, sociology, anthropology and social work, "*Undocumented Fears: Immigration and the Politics of Divide and Conquer*"

2:30 p.m. — **Jayne B. Robinson, Ph.D.**, biology, and **Shawn M. Swavey, Ph.D.**, chemistry, "*Getting SMART: New Weapons in the Battle Against Antibiotic Resistance and Cancer*"

3 p.m. — "*Research Confronting Dogma,*" **Rites. Rights. Writes. Panel Discussion.** This event is part of the Rites.Rights. Writes. initiative ([go.udayton.edu/rrw](http://go.udayton.edu/rrw)), which is coordinated by the Graul Chair in Arts and Languages.

Moderator:

**Brian LaDuca, MFA**, director of ArtStreet

Panel Members:

**Brother Ray Fitz**, Fr. Ferree Professor of Social Justice  
**Richard Chenoweth**, Graul Chair in Arts & Languages  
**Carissa Krane**, Schuellein Chair in the Biological Sciences  
**Roger Reeb**, Roesch Chair in the Social Sciences

4:30 p.m. — **Reception**, Science Center auditorium lobby

STARS is sponsored by the Office for Research.  
For more information, visit [udayton.edu/research/STARS](http://udayton.edu/research/STARS) or  
[facebook.com/UniversityofDaytonSTARS](https://facebook.com/UniversityofDaytonSTARS).

