



The Office of the Provost and Executive Vice President and
the Office of the Vice Provost for Research

invite you to the inaugural
Outstanding Faculty
Collaborative Research
Lecture
2014

The Office of the Provost and the Office of the Vice Provost for Research are pleased to announce the Outstanding Faculty Collaborative Research Award and Lecture, created to recognize collaborative faculty teams at IU Bloomington for their accomplishments in research, scholarship, and creative activities. In this inaugural year of the award, two collaborative teams have been chosen to receive the award.

COLLABORATION 1: SHEDDING LIGHT ON THE BACTERIAL CELL WALL

- **Yves Brun**, Clyde Culbertson Professor of biology, College of Arts and Sciences
- **Michael VanNieuwenhze**, associate professor of chemistry, College of Arts and Sciences

Brun and VanNieuwenhze will describe the development of a revolutionary method for labeling the bacterial cell wall with fluorescent molecules that enables the detection of zones of cell wall synthesis in live cells and in real time. Because the cell wall is the most successful target for antibiotic intervention, improved understanding of the mechanisms of cell wall synthesis will expedite development of new antibacterial strategies.

COLLABORATION 2: PLANT SENSIBILITY

- **Margaret Dolinsky**, associate professor of digital art, College of Arts and Sciences, Hope School of Fine Arts
- **John Gibson**, associate professor of music, IU Jacobs School of Music
- **Roger Hangarter**, Class of 1968 Chancellor's Professor of biology, College of Arts and Sciences

The collaborative research of Hangarter, Dolinsky, and Gibson strives to raise awareness and appreciation of the fundamental nature and importance of plants. Their works have resulted in exhibits that uniquely engage public audiences to foster a deeper appreciation of our relationship to plants, the environment, and the essentiality of plant life to a sustainable world. Their presentation will discuss how they work to merge science, art and music in innovative ways.

Friday, December 12, 2014

3:30 - 4:30 PM

Woodburn Hall, Lecture Hall 101

1100 E. 7th Street

IU Bloomington

*Reception follows in the Social Science Research Commons
Grand Hall, Woodburn Hall 200*



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Carmichael Center, Suite 202
Bloomington