

# R

The  
Second  
Annual  
Purdue  
Research  
Roundtable



**Tuesday February 19<sup>th</sup>, 2012**  
**Purdue Memorial Union North Ballroom**  
**11AM - 3PM**

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74	<b>ACKNOWLEDGEMENTS</b>
	Thanks to all the people who have contributed to the event.

# ATTENDING RESEARCH GROUPS

Shepson Atmospheric Chemistry Research Group	Global Engineering Education Collaboratory (GEEC)
US Borlaug Fellows in Global Food Security Program	Summer Undergraduate Research Fellowship (SURF)
Agricultural Research at Purdue	Program Manager for the Office of Multicultural Programs
Natural Resource Spatial Analysis Lab	Apps for Agriculture
Aquatic Ecology and Toxicology	Fuel cell research laboratory
David Whittinghill	The Dukes Lab
Discovery Park Undergraduate Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife), and Cancer Prevention Internship (CPIP) Programs	The Hardwood Ecosystem Experiment InfoSkills Office of Professional Practice
Walter D. Leon-Salas	Animal Science
Biometrics Lab	CMUXE
Fluid Power Group, Jan Lugowski	Kinzer-Ursen Lab
Air Transport Institute for Environmental Sustainability, David Stanley and Denver Lopp, co-directors	Burkhard Schulz National and International Scholarships Office
VACCINE Center of Excellence	Indiana LTAP
Solid State Organic Chemistry and Crystal Engineering	Micelbart Lab
McNally	Maurice J. Zucrow Laboratories
Botany and Plant Pathology	Joint Transportation Research Program (JTRP)
Supply Chain and Logistics Research	Mike Mickelbart
Network for Computational Nanotechnology (NCN)	Natalia Dudareva Lab

# COLLEGE OF AGRICULTURE

## AGRICULTURAL ECONOMICS

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
Apps for Agriculture									
The Hardwood Ecosystem Experiment									
Office of Professional Practice									

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# AGRONOMY

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Shepson Atmospheric Chemistry Research Group									
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
Apps for Agriculture									
The Dukes Lab									
Office of Professional Practice									
Schulz Research Group									
Micelbart lab									
Mickelbart Research Group									

# COLLEGE OF AGRICULTURE

## ANIMAL SCIENCES

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
Office of Professional Practice									
Animal Science									

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# BIOCHEMISTRY

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Solid State Organic Chemistry and Crystal Engineering									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
Office of Professional Practice									
Kinzer-Ursem Lab									
Schulz Research Group									
Micelbart lab									
Natalia Dudareva Lab									

# COLLEGE OF AGRICULTURE

## BOTANY AND PLANT PATHOLOGY

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Natural Resource Spatial Analysis Lab									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IIE)									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
The Dukes Lab									
The Hardwood Ecosystem Experiment									
Office of Professional Practice									
Schulz Research Group									
Micelbart lab									

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# ENTOMOLOGY

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
The Dukes Lab									
The Hardwood Ecosystem Experiment									
Office of Professional Practice									

# COLLEGE OF AGRICULTURE FOOD SCIENCE

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Solid State Organic Chemistry and Crystal Engineering									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
Office of Professional Practice									

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# FORESTRY AND NATURAL RESOURCES

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Natural Resource Spatial Analysis Lab									
Aquatic Ecology and Toxicology									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
The Dukes Lab									
The Hardwood Ecosystem Experiment									
Office of Professional Practice									
Schulz Research Group									
Micelbart lab									

# COLLEGE OF AGRICULTURE

## HORTICULTURE AND LANDSCAPE ARCHITECTURE

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Natural Resource Spatial Analysis Lab									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
The Dukes Lab									
Office of Professional Practice									
Schulz Research Group									
Micelbart lab									
Mickelbart Research Group									

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## YOUTH DEVELOPMENT AND AGRICULTURE EDU.

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
Apps for Agriculture									
The Hardwood Ecosystem Experiment									
Office of Professional Practice									

# COLLEGE OF ENGINEERING

## AERONAUTICAL AND ASTRONAUTICAL ENGINEERING

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE)									
Fluid Power Group									
Air Transport Institute for Environmental Sustainability									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
Fuel cell research laboratory									
InfoSkills									
Office of Professional Practice									
Animal Science									
Center for Materials under eXtreme Environment (CMUXE)									
Maurice J. Zucrow Laboratories									
Joint Transportation Research Program (JTRP)									

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# AGRICULTURE ENGINEERING

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Natural Resource Spatial Analysis Lab									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Air Transport Institute for Environmental Sustainability									
Solid State Organic Chemistry and Crystal Engineering									
McNally Research Group									
Botany and Plant Pathology									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
Program Manager for the Office of Multicultural Programs									
Apps for Agriculture									
The Dukes Lab									
InfoSkills									

# COLLEGE OF ENGINEERING

## AGRICULTURE ENGINEERING CONTINUED

Office of Professional Practice									
Animal Science									
Schulz Research Group									
Joint Transportation Research Program (JTRP)									

## BIOLOGICAL ENGINEERING

	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Group									
US Borlaug Fellows in Global Food Security Program									
Agricultural Research at Purdue									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Air Transport Institute for Environmental Sustainability									
Solid State Organic Chemistry and Crystal Engineering									
McNally Research Group									
Botany and Plant Pathology									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									

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## BIOLOGICAL ENGINEERING CONT.

Program Manager for the Office of Multicultural Programs											
Apps for Agriculture											
InfoSkills											
Office of Professional Practice											
Animal Science											
Schulz Research Group											
Micelbart lab											
Joint Transportation Research Program (JTRP)											

# COLLEGE OF ENGINEERING

## BIOMEDICAL ENGINEERING

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife), Solid State Organic Chemistry and Crystal Engineering						
McNally Research Group						
Global Engineering Education Collaboratory (GEEC)						
Summer Undergraduate Research Fellowship (SURF) program						
InfoSkills						
Office of Professional Practice						
Animal Science						
Kinzer-Ursem Lab						
Schulz Research Group						
Joint Transportation Research Program (JTRP)						

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# CHEMICAL ENGINEERING

	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Group									
Shepson Atmospheric Chemistry Research Group									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Fluid Power Group									
Air Transport Institute for Environmental Sustainability									
McNally Research Group									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
Fuel cell research laboratory									
InfoSkills									
Office of Professional Practice									
Animal Science									
Kinzer-Ursem Lab									
Joint Transportation Research Program (JTRP)									

# COLLEGE OF ENGINEERING

## CIVIL ENGINEERING

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Natural Resource Spatial Analysis Lab									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									
Indiana LTAP									
Joint Transportation Research Program (JTRP)									

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# COMPUTER ENGINEERING

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Whittinghill Research Group									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Biometrics Lab									
VACCINE Center of Excellence									
Network for Computational Nanotechnology (NCN)									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
Apps for Agriculture									
InfoSkills									
Office of Professional Practice									
Animal Science									
Joint Transportation Research Program (JTRP)									

# **COLLEGE OF ENGINEERING**

## **CONSTRUCTION ENGINEERING**

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									
Joint Transportation Research Program (JTRP)									

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# ELECTRICAL ENGINEERING

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Whittinghill Research Group									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Biometrics Lab									
McNally Research Group									
Network for Computational Nanotechnology (NCN)									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
Apps for Agriculture									
InfoSkills									
Office of Professional Practice									
Animal Science									
Center for Materials under eXtreme Environment (CMUXE)									
Joint Transportation Research Program (JTRP)									

# **COLLEGE OF ENGINEERING EDUCATION**

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
McNally Research Group									
Network for Computational Nanotechnology (NCN)									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									
Joint Transportation Research Program (JTRP)									

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# ENVIRONMENTAL AND ECOLOGICAL ENG.

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Air Transport Institute for Environmental Sustainability									
McNally Research Group									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
The Dukes Lab									
InfoSkills									
Office of Professional Practice									
Animal Science									
Schulz Research Group									
Micelbart lab									
Joint Transportation Research Program (JTRP)									

# COLLEGE OF ENGINEERING

## INDUSTRIAL ENGINEERING

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Biometrics Lab									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									
Joint Transportation Research Program (JTRP)									

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# INTERDISCIPLINARY ENGINEERING

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Biometrics Lab									
McNally Research Group									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									
Schulz Research Group									
Joint Transportation Research Program (JTRP)									

# COLLEGE OF ENGINEERING

## MATERIALS ENGINEERING

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IffE),									
Solid State Organic Chemistry and Crystal Engineering									
McNally Research Group									
Network for Computational Nanotechnology (NCN)									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									
Center for Materials under eXtreme Environment (CMUXE)									
Joint Transportation Research Program (JTRP)									

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# MECHANICAL ENGINEERING

	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Group									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Fluid Power Group									
McNally Research Group									
Network for Computational Nanotechnology (NCN)									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
Fuel cell research laboratory									
InfoSkills									
Office of Professional Practice									
Animal Science									
Center for Materials under eXtreme Environment (CMUXE)									
Maurice J. Zucrow Laboratories									
Joint Transportation Research Program (JTRP)									

# COLLEGE OF ENGINEERING

## NUCLEAR ENGINEERING

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									
Center for Materials under eXtreme Environment (CMUXE)									
Joint Transportation Research Program (JTRP)									

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# MULTIDISCIPLINARY ENGINEERING

	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Group									
US Borlaug Fellows in Global Food Security Program									
Natural Resource Spatial Analysis Lab									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Fluid Power Group									
Solid State Organic Chemistry and Crystal Engineering									
McNally Research Group									
Global Engineering Education Collaboratory (GEEC)									
Summer Undergraduate Research Fellowship (SURF) program									
Fuel cell research laboratory									
InfoSkills									
Office of Professional Practice									
Animal Science									
Center for Materials under eXtreme Environment (CMUXE)									
Schulz Research Group									
Joint Transportation Research Program (JTRP)									

# COLLEGE OF SCIENCE

## ACTUARIAL SCIENCE

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Summer Undergraduate Research Fellowship (SURF) program									
Office of Professional Practice									

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# BIOLOGICAL SCIENCES

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Natural Resource Spatial Analysis Lab									
Aquatic Ecology and Toxicology									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
McNally Research Group									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
The Dukes Lab									
The Hardwood Ecosystem Experiment									
Office of Professional Practice									
Animal Science									
Kinzer-Ursem Lab									
Schulz Research Group									
Micelbart lab									
Natalia Dudareva Lab									

# COLLEGE OF SCIENCE CHEMISTRY

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Shepson Atmospheric Chemistry Research Group									
US Borlaug Fellows in Global Food Security Program									
Aquatic Ecology and Toxicology									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Air Transport Institute for Environmental Sustainability									
Solid State Organic Chemistry and Crystal Engineering									
McNally Research Group									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
Office of Professional Practice									
Kinzer-Ursem Lab									
Micelbart lab									
Natalia Dudareva Lab									

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# COMPUTER SCIENCES

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Whittinghill Research Group									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Fluid Power Group									
VACCINE Center of Excellence									
Solid State Organic Chemistry and Crystal Engineering									
Network for Computational Nanotechnology (NCN)									
Summer Undergraduate Research Fellowship (SURF) program									
Apps for Agriculture									
Office of Professional Practice									
Schulz Research Group									

# COLLEGE OF SCIENCE

## EARTH, ATMOSPHERIC AND PLANETARY SCIENCES

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Shepson Atmospheric Chemistry Research Group									
US Borlaug Fellows in Global Food Security Program									
Natural Resource Spatial Analysis Lab									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Summer Undergraduate Research Fellowship (SURF) program									
The Dukes Lab									
Office of Professional Practice									
Micelbart lab									

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# MATHEMATICS

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Fluid Power Group									
Summer Undergraduate Research Fellowship (SURF) program									
Office of Professional Practice									

# COLLEGE OF SCIENCE PHYSICS

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Natural Resource Spatial Analysis Lab									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IffE),									
Fluid Power Group									
McNally Research Group									
Network for Computational Nanotechnology (NCN)									
Summer Undergraduate Research Fellowship (SURF) program									
Office of Professional Practice									
Center for Materials under eXtreme Environment (CMUXE)									

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# STATISTICS

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Biometrics Lab									
Summer Undergraduate Research Fellowship (SURF) program									
The Hardwood Ecosystem Experiment									
Office of Professional Practice									

# COLLEGE OF SCIENCE

## INTERDISCIPLINARY SCIENCE

	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Group									
US Borlaug Fellows in Global Food Security Program									
Natural Resource Spatial Analysis Lab									
Aquatic Ecology and Toxicology									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Fluid Power Group									
McNally Research Group									
Botany and Plant Pathology									
Summer Undergraduate Research Fellowship (SURF) program									
The Dukes Lab									
The Hardwood Ecosystem Experiment									
Office of Professional Practice									
Schulz Research Group									
Micelbart lab									
Natalia Dudareva Lab									

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# AERONAUTICAL ENGINEERING TECH

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Shepson Atmospheric Chemistry Research Group									
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Air Transport Institute for Environmental Sustainability									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									

# COLLEGE OF TECHNOLOGY

## AVIATION MANAGEMENT

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Air Transport Institute for Environmental Sustainability									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									

**TIME** 11 - 3 PM  
**PLACE** PMU N.  
Ballroom  
**DAY** Feb. 19<sup>th</sup>

# AVIATION PROFESSIONAL FLIGHT TECHNOLOGY

	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Group									
Shepson Atmospheric Chemistry Research Group									
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Air Transport Institute for Environmental Sustainability									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									

# COLLEGE OF TECHNOLOGY

## BUILDING CONSTRUCTION MANAGEMENT

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife), Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									

**TIME** 11 - 3 PM  
**PLACE** PMU N.  
**DAY** Ballroom  
Feb. 19<sup>th</sup>

# COMPUTER GRAPHICS TECHNOLOGY

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Whittinghill Research Group									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Solid State Organic Chemistry and Crystal Engineering									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									
Schulz Research Group									

# COLLEGE OF TECHNOLOGY

## COMPUTER AND INFORMATION TECHNOLOGY

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Natural Resource Spatial Analysis Lab									
Whittinghill Research Group									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Biometrics Lab									
Air Transport Institute for Environmental Sustainability									
VACCINE Center of Excellence									
Solid State Organic Chemistry and Crystal Engineering									
Summer Undergraduate Research Fellowship (SURF) program									
Apps for Agriculture									
InfoSkills									
Office of Professional Practice									
Animal Science									
Schulz Research Group									

**TIME** 11 - 3 PM  
**PLACE** PMU N.  
Ballroom  
**DAY** Feb. 19<sup>th</sup>

# ELECTRICAL ENGINEERING TECH

	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Group									
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Leon-Salas Research Group									
Air Transport Institute for Environmental Sustainability									
McNally Research Group									
Summer Undergraduate Research Fellowship (SURF) program									
Apps for Agriculture									
InfoSkills									
Office of Professional Practice									
Animal Science									

# COLLEGE OF TECHNOLOGY

## ENGINEERING/TECHNOLOGY TEACHER EDUCATION

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
McNally Research Group									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									

**TIME** 11 - 3 PM  
**PLACE** PMU N.  
Ballroom  
**DAY** Feb. 19<sup>th</sup>

# ENGINEERING TECHNOLOGY

	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Group									
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE)									
Leon-Salas Research Group									
Biometrics Lab									
McNally Research Group									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									
Schulz Research Group									

# COLLEGE OF TECHNOLOGY

## INDUSTRIAL DISTRIBUTION

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/Ife),									
Supply Chain and Logistics Research									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									

**TIME** 11 - 3 PM  
**PLACE** PMU N.  
Ballroom  
**DAY** Feb. 19<sup>th</sup>

# INDUSTRIAL TECHNOLOGY

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Biometrics Lab									
Supply Chain and Logistics Research									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									

# **COLLEGE OF TECHNOLOGY**

## **MANUFACTURING ENGINEERING TECHNOLOGY**

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IffE),									
McNally Research Group									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									

**TIME** 11 - 3 PM  
**PLACE** PMU N.  
Ballroom  
**DAY** Feb. 19<sup>th</sup>

# MECHANICAL ENGINEERING TECH.

	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
Research Group									
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE),									
Fluid Power Group									
Air Transport Institute for Environmental Sustainability									
McNally Research Group									
Summer Undergraduate Research Fellowship (SURF) program									
Fuel cell research laboratory									
InfoSkills									
Office of Professional Practice									
Animal Science									
Schulz Research Group									

# COLLEGE OF TECHNOLOGY

## ORGANIZATIONAL LEADERSHIP AND SUPERVISION

Research Group	Freshman	Sophomore	Junior	Senior	Potential Graduates	Spring '13	Summer '13	Fall '13	Spring '14
US Borlaug Fellows in Global Food Security Program									
Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IffE),									
Biometrics Lab									
Supply Chain and Logistics Research									
Summer Undergraduate Research Fellowship (SURF) program									
InfoSkills									
Office of Professional Practice									
Animal Science									



## **Shepson Atmospheric Chemistry Research Group**

5171 Brown Building

<http://www.chem.purdue.edu/shepson/>

Shepson Atmospheric Chemistry Research group studies atmospheric chemistry in the context of climate change. Our focus is on biosphere-atmosphere and cryosphere-atmosphere exchange. We specialize in instrumentation for aircraft-based measurements, via the Airborne Laboratory for Atmospheric Research.

The U.S. Borlaug Fellows in Global Food Security program is funded by the United States Agency for International Development (USAID) to expand the pool of U.S. food security professionals who have the scientific base needed to effectively study and manage the global landscapes in support of sustainable food systems.

<http://www.purdue.edu/discoverypark/food/borlaugfellows/>  
Suite 105

203 S. Martin Jischke Drive  
West Lafayette IN 47907

## **US Borlaug Fellows in Global Food Security Program**

Note: This position requires citizenship.





## Agricultural Research at Purdue

615 W. State Street  
West Lafayette, IN 47907  
[www.ag.purdue.edu/arp/](http://www.ag.purdue.edu/arp/)

Agricultural Research at Purdue (ARP) brings together scientists, students, and many others to impact the lives of people in Indiana, the nation, and the world. Our common goal is to achieve outcomes in agriculture that benefit people everywhere.

Natural Resource Spatial Analysis Lab is seeking motivated undergraduate students to work on a project funded by National Science Foundation to quantify the regional scale invasion process using empirical data under a multi-scale, functional trait-based framework.

<http://web.ics.purdue.edu/~sfei/index.htm>  
PFEN 221E, 715  
West Lafayette, IN

### Natural Resource Spatial Analysis Lab





## Aquatic Ecology and Toxicology

2195 Marsteller St.  
West Lafayette, IN

<http://web.ics.purdue.edu/~msselpulv/>

Aquatic Ecology and Toxicology studies the ecology of freshwater fish and aquatic invertebrates and how they respond to different environmental stressors, including contaminants.

Dr. Whittinghill's research is focused upon video game design and development particularly in the areas of health care and education. His team is oriented around the development of complete game prototypes designed to function as a platform for research and addressing important societal needs. Though his team is composed of programmers, designers, artists, and educators.

Dr Whittinghill  
Knoy 333

## Whittinghill Research Group





## **Discovery Park Undergraduate Research Internship (DURI), Interns for Indiana/Entrepreneurship (IfI/IfE), and Cancer Prevention Internship (CPIP) Programs**

207 S. Martin Jischke Drive  
West Lafayette, IN

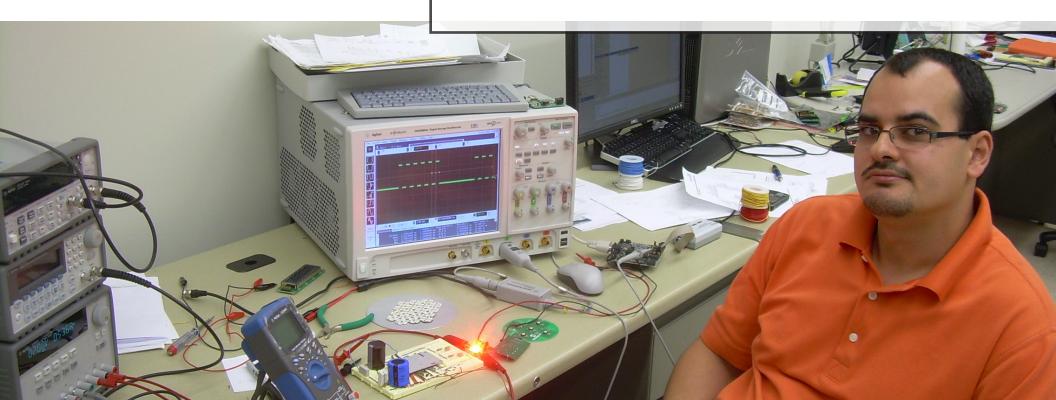
[www.purdue.edu/dp/learningcenter](http://www.purdue.edu/dp/learningcenter)

The DLRC offers several experiential learning opportunities that focus on research and development. DURI provides research opportunities with faculty in interdisciplinary projects. CPIP focuses on cancer prevention research. IfI/IfE provides research and development opportunities with entrepreneurial/start-up companies.

The Leon-Salas Research group works on computational wireless sensors. The emphasis of the research done by this group is on on-sensor compression and energy harvesting

Knoy Hall 155  
West Lafayette, IN

### **Leon-Salas Research Group**



## Biometrics Lab

378 Knoy Hall

[www.bspalabs.org](http://www.bspalabs.org)

The Biometrics Lab is involved with Testing and evaluation of new and innovative biometric products. These tests also incorporate student design-led projects, projects that assess biometric performance and evaluation, as well as innovative ways of measuring performance.

The Fluid power group studies the flow phenomena in hydraulic valves, especially of the reaction force caused by a high-speed jet. This force, known as the flow force, has been explained in textbooks following Newton's mechanics. Research by Dr. Lugowski indicates that another mechanism is present that can explain the force more accurately.

KNOY Room 145

## Fluid Power Group





## Air Transport Institute for Environmental Sustainability

Aviation Technology Dept  
1401 Aviation Drive  
West Lafayette, IN

<http://blog.tech.purdue.edu/tech-purdue/2011/06/16/fueling-aviation-research/>

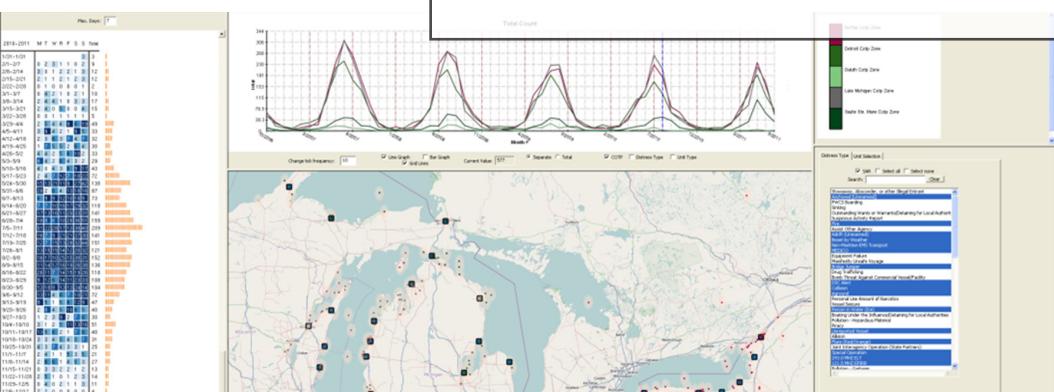
The research goal of Air TIES is to become the leading laboratory of practical applications to alternative aviation/aerospace fuels research. With a goal to make Indiana a lead researcher producer and developer of these fuels.

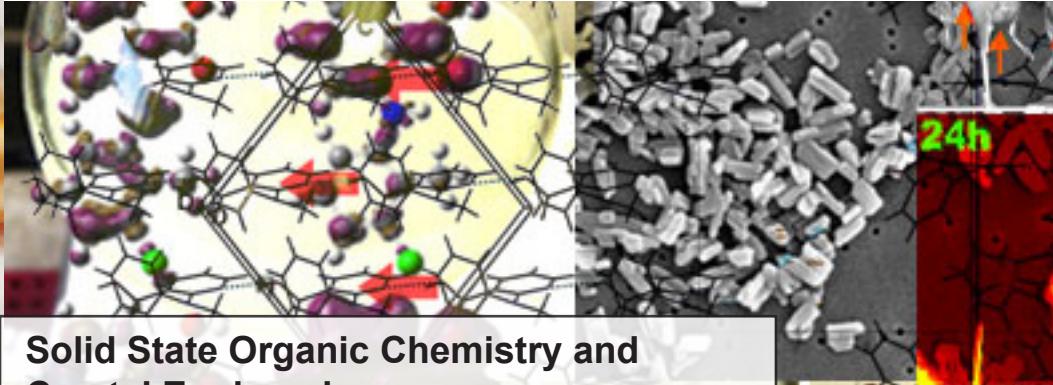
POTR 226  
West Lafayette, IN

<http://www.purdue.edu/discoverypark/vaccine/>

The Visual Analytics for Command, Control and Interoperability Environments Center is a National Center of Excellence sponsored by the U.S. Department of Homeland Security who hope to help homeland security personnel perform their jobs more effectively by turning mass amounts of data into manageable information.

## VACCINE Center of Excellence





## Solid State Organic Chemistry and Crystal Engineering

RHPh 124B

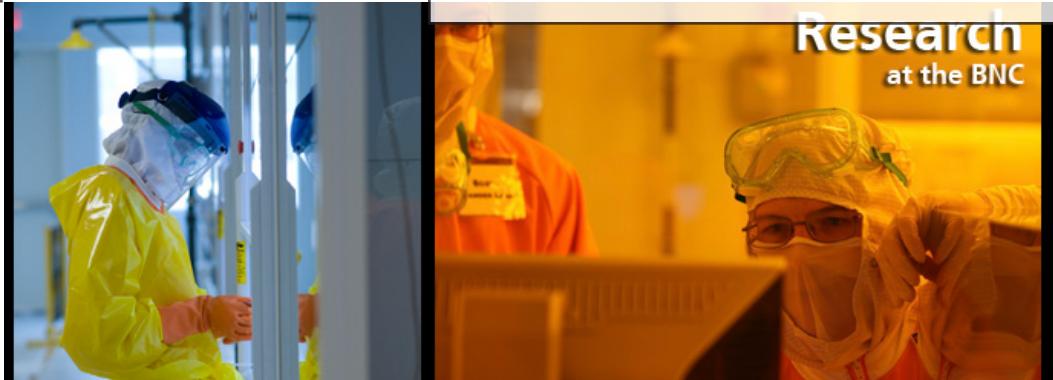
[http://www.ipph.purdue.edu/  
faculty/?uid=tonglei](http://www.ipph.purdue.edu/faculty/?uid=tonglei)

We are developing novel anticancer delivery systems to simultaneously combat and diagnose the disease. We are conducting modeling, computation, and simulation to unravel and predict the self-assembly of organic molecules. We are discovering fundamental mechanisms of nucleation, crystal growth, and phase transition of organic materials.

The McNally research team interests are in the development and optimization of scanning probe microscopy (SPM) techniques in fluids for biological and medical applications. Specifically we are investigating Atomic Force Microscopy (AFM) and Magnetic Force Microscopy (MFM) techniques to enable the areas of study in spinal cord research and more.

[http://www.purdue.edu/discoverypark/nanotechnology/  
research/mcnally.php](http://www.purdue.edu/discoverypark/nanotechnology/research/mcnally.php)  
Knoy 167

### McNally Research Group





## Botany and Plant Pathology

Lilly 1446

[https://ag.purdue.edu/btny/Pages/  
default.aspx](https://ag.purdue.edu/btny/Pages/default.aspx)

Dr Schmidts Research group  
in involved with studying  
logistics, supply chain, inventory  
management, and anything  
related to process improvements.

Dr Schmidt  
Knoy or Young 428

The Botany and plant pathology  
department is involved in  
research to improve plants,  
manage natural resources, control  
weeds, or diagnose plant diseases  
among many other options.

## Supply Chain and Logistics Research





## THE NETWORK FOR COMPUTATIONAL NANOTECHNOLOGY

DISCOVER & BRK

West Lafayette, IN

[www.nanoHUB.org](http://www.nanoHUB.org)

Learn the Rappture toolkit that makes it quick and easy to develop powerful, interactive, web-based applications or work with nanotechnologists to put their applications and supporting information on <http://nanoHUB.org>. Other undergraduate researchers have been able to literally impact over a thousand nanoHUB users;

GEEC is a flexible network of faculty, students, and staff who all share a passion for global engineering education and practice, especially its potential for having transformative impacts on faculty teaching and student learning, cross- and multi-national academic collaborations, and international development work.

<http://web.ics.purdue.edu/~bjesiek/group.html>

ARMS 1313  
West Lafayette, IN

## GLOBAL ENGINEERING EDUCATION COLLABORATORY



# Global Engineering Education Collaboratory



## Summer Undergraduate Research Fellowship (SURF) program

The mission of the Office of Multicultural Programs is to assist the College of Agriculture at Purdue University in reaching strategic goals to become more inclusive and diverse.

<https://ag.purdue.edu/omp/Pages/default.aspx>

AGAD 106

ARMS 2001

West Lafayette, IN

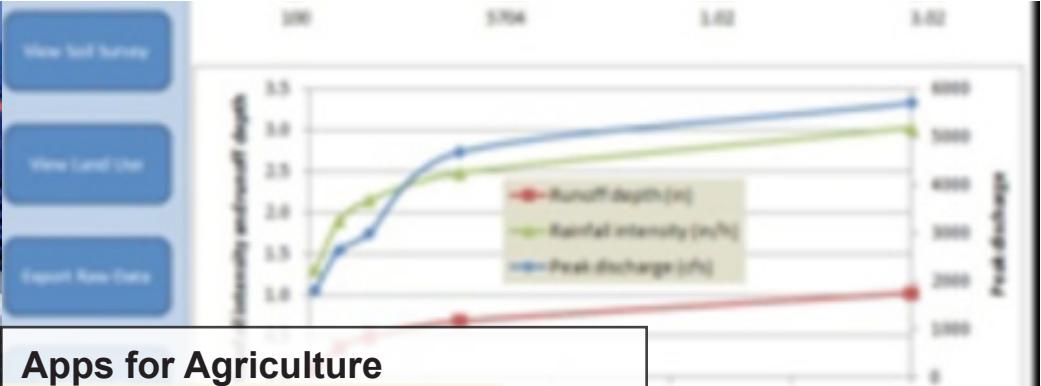
[www.purdue.edu/surf](http://www.purdue.edu/surf)

The SURF program is helping students across engineering, science, and technology disciplines discover a world of opportunity available to them through research.

By closely working with other creative and innovative people, students explore, discover, and transform ideas into reality to advance society and improve people's lives.

## Program Manager for the Office of Multicultural Programs





## Apps for Agriculture

### ABE 210

Our group of ABE, ECE, and YDAE faculty is working to develop phone and tablet apps to improve data collection and management for agricultural operations and to improve water quality. Our package of independent, yet collaborative, mobile apps that deal with information from a specific operation will follow a decentralized data model utilizing cloud-based storage services.

The Fuel cell research laboratory is involved with the study of polymer electrolyte membrane fuel cell applied in combined heat and power unit. Research areas include experimental and modeling study of cell integration, characterization, and material development.

KNOY 105

## Fuel cell research laboratory





## The Dukes Lab

The Hardwood Ecosystem Experiment (HEE) is a collaborative project between the Indiana Department of Natural Resources, Division of Forestry (DoF) and researchers from Purdue University and others. Our primary objectives are to develop silvicultural systems to maintain oak-dominated forest communities in Indiana and surrounding states

<http://heeforeststudy.org/>  
PFEN 125

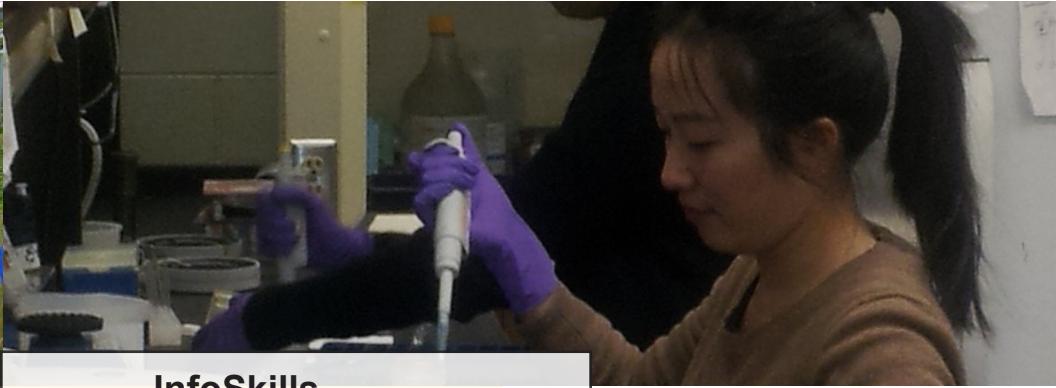
715 State St.  
West Lafayette, IN

<http://web.ics.purdue.edu/~jsdrikes/lab/index.html>

The Dukes Lab conducts ecological research, often addressing current environmental challenges. We are interested in interactions among plant communities, ecosystem processes, and global environmental change. Much of our work focuses on the drivers and effects of species composition change.

## The Hardwood Ecosystem Experiment





## InfoSkills

ARMS 1331

<http://web.ics.purdue.edu/~spurzer/ELOHome.php>

The Engineering Learning Observatory (ELO) is a research laboratory designed to study the thinking and learning processes of engineering students. The mission of ELO is to produce discourse analysis and observation methods, and from these findings, create new teaching and student learning methods.

Professional Practice is a formal plan of education in which students alternate sessions of full-time work with sessions of full-time study. The programs are designed to combine practical on-the-job experiences with the classroom training of a four-year college curriculum. It allows students to earn money for school.

[www.purdue.edu/propractice](http://www.purdue.edu/propractice)

POTR 114  
West Lafayette, IN

## Office of Professional Practice





## Animal Science

Lilly 3-115

<https://ag.purdue.edu/ansc/Pages/default.aspx>

We conduct research relevant to food animals and human health. Our research faculty are involved in a wide spectrum of biological research that spans the basic and applied sciences, including animal nutrition, physiology, behavior and well-being, growth and development, animal management, food safety and other areas.

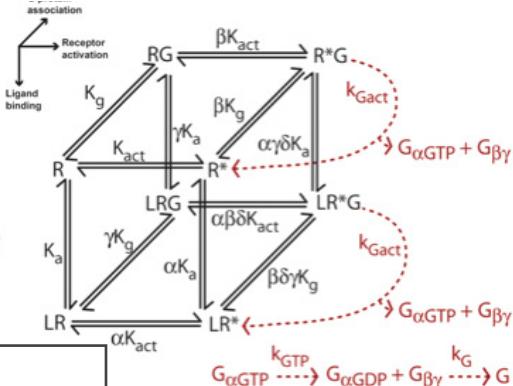
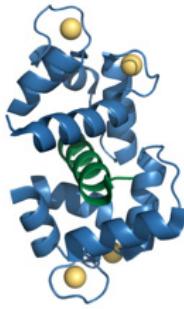
CMUXE) is a research unit at Purdue University aimed at promoting nuclear, material science, plasma research and education. The major thrust area is the interactions of high-intensity, modulated energy beams: electromagnetic radiation, plasma, electrons, ions and other particle sources (i.e. clusters, molecules) with matter.

<https://engineering.purdue.edu/CMUXE/>

POTR 304

## Center for Materials under eXtreme Environment (CMUXE)





## Kinzer-Ursem Lab

206 Martin Jischke Drive  
West Lafayette, IN

[https://engineering.purdue.edu/  
ursemlab/](https://engineering.purdue.edu/ursemlab/)

Our research interests lie at the intersection of engineering, systems biology and biochemistry. We implement a combined theoretical-experimental approach to quantitatively study the dynamic regulation of protein networks that drive cellular behaviors.

The Schulz group research is the analysis of regulators of plant architecture. We investigate the regulation of Maize (corn) height, branching and sex determination through the plant hormone brassinosteroid in maize, sorghum and castor beans.

[https://www2.ag.purdue.edu/hla/  
Pages/Profile.aspx?strAlias=bschulz&intDirDeptID=16](https://www2.ag.purdue.edu/hla/Pages/Profile.aspx?strAlias=bschulz&intDirDeptID=16)  
HORT 109

## Schulz Research Group





## National and International Scholarships Office

[www.purdue.edu/niso](http://www.purdue.edu/niso)

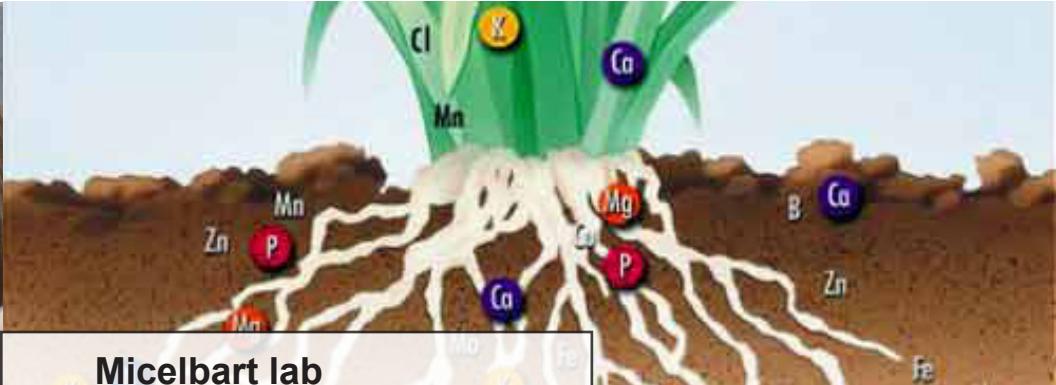
Indiana Local Technical Assistance Program (LTAP) provides technical assistance and training to the highway, road and street departments of all 92 counties, 117 cities, and over 456 towns in Indiana. They identify traffic safety concerns on local roads and provide low-cost solutions to address them.

[http://rebar.ecn.purdue.edu/  
LTAP1/Home/](http://rebar.ecn.purdue.edu/LTAP1/Home/)  
3000 Kent Avenue, Suite C2-118  
West Lafayette, IN

The National and International Scholarships office helps connect students to prestigious scholarships and research opportunities at the national level.

### Indiana LTAP





## Micelbart lab

Whistler Building, room B024

<https://ag.purdue.edu/hla/Pages/Profile.aspx?strAlias=mmichelb&intDirDeptID=16>

The Micelbart lab has two lines of research in the lab: The first is Genetic and physiological determinants of plant water use efficiency, and the second is investigating the use of stable isotopes in plant research.

The Laboratory's research capability encompasses many disciplines including: combustion, propulsion,

unsteady aerodynamics of turbo machinery, aeroacoustics, measurement and control, computational fluid mechanics, particle flow heat transfer, and atomization processes.

<https://engineering.purdue.edu/Zucrow/index.html>  
Chaffee Hall, Rm. 114

## Maurice J. Zucrow Laboratories

# Maurice J. Zucrow Laboratories

Purdue University



## Joint Transportation Research Program (JTRP)

ENAD 303

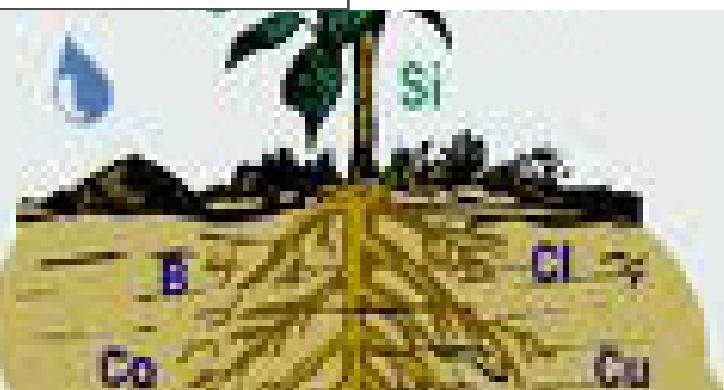
[https://engineering.purdue.edu/  
JTRP](https://engineering.purdue.edu/JTRP)

The work in our group is focused on understanding how plants adapt to a changing environment and how we can manage agricultural systems to improve sustainability. We use variation among plants to identify the genetic and physiological basis for water use efficiency and drought tolerance. We also use stable isotopes to understand plant physiology and the movement of nutrients in agricultural systems.

WSLR B024

JTRP is a research program sponsored by the Indiana Department of Transportation. JTRP facilitates collaboration with higher education institutions and industry in Indiana to implement innovations that result in continuous improvement in the planning, design, construction, operation, management and economic efficiency of the Indiana transportation infrastructure.

## Mickelbart Research Group





## Natalia Dudareva Lab

### HORT 112

The Dudareva laboratory, in general, is focused on the biochemical pathways, enzymes and genes responsible for the production of phenylalanine and phenylalanine-derived scent volatiles in order to understand the molecular mechanisms controlling their formation and emission.

# ACKNOWLEDGEMENTS

The Research Roundtable committee would like to thank the following for their support:

- **College of Engineering**
- **Purdue Engineering Student Council**
- **Purdue National Engineers Week**

Also, thanks to Alissa Berger and Ryan Hom for all of their hard work and dedication in organizing the following committees:

- **Online:** Garrett Shannon, Abhijit Jassem, Jacob Wagner
- **E-Marketing:** Maggie Neff, Ezio Silva, Riley Barta, Shiv Panigrani
- **Marketing:** James Ward, Beck Andrews, Anthony Au, Joel Davis
- **Communication:** Brian Scherf, Will Gre-siak, Shadman Jubaer, Sahil Sanghani, Jay-cey Hardenstein, Charlotte Hoo, Stephanie Thiede, Ryan Cross
- **Advertising:** Jacob, Branden Elkins, Abhijit Jassem, Logan Williams

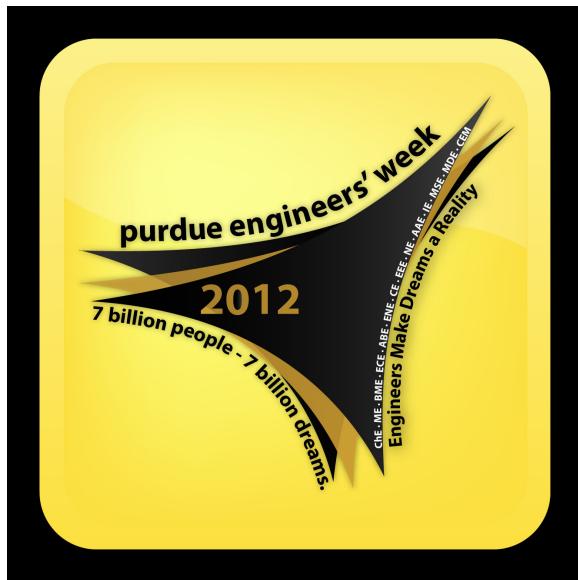
And, thanks to all the research groups for coming to the event, with a special thanks to the Purdue Society of Professional Engineers and Tau Beta Pi for sponsoring the event.

## ABOUT PSPE

The Purdue Society of Professional Engineers is a student organization open to all engineering students on campus with the goal to promote leadership, professionalism, and ethics. Affiliated with multiple parent engineering societies, it organizes several events each semester, including The Order of the Engineer, the Fundamentals of Engineering Exam, plant tours, and various other service events or informational sessions. PSPE's Rube Goldberg team also holds the Guinness world record for the largest functional rube goldberg machine, consisting of 244 different steps.

## ABOUT TAU BETA PI

The Tau Beta Pi Association was founded at Lehigh University in 1885 by Edward Higginson Williams, Jr., to mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as students in engineering, or by their attainments as alumni in the field of engineering, and to foster a spirit of liberal culture in engineering colleges.



February 19<sup>th</sup> at 11AM - 3PM  
Purdue Memorial Union North Ballroom  
Purdue Research Roundtable