



# Graduate Student Recruiting Visit by Purdue University October 2007





#### **Presenters**



Jan Olek, Professor and Director North Central Superpave Center School of Civil Engineering; <a href="mailto:olek@purdue.edu">olek@purdue.edu</a>



**Darcy Bullock**, Professor and Associate Head School of Civil Engineering; <a href="mailto:darcy@purdue.edu">darcy@purdue.edu</a>



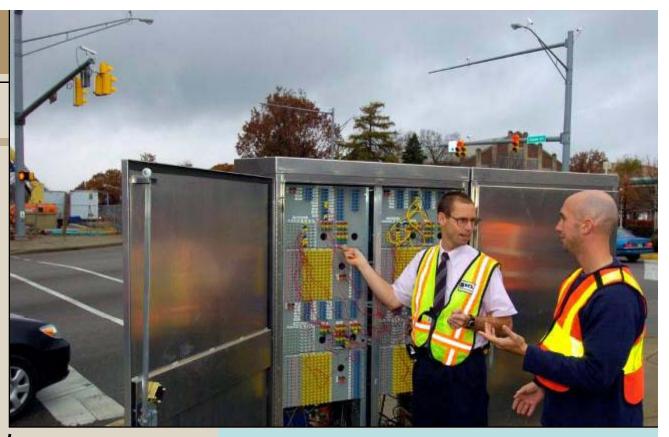
Aleksandra Radlinska, Doctoral Candidate School of Civil Engineering; <u>aradlins@purdue.edu</u>



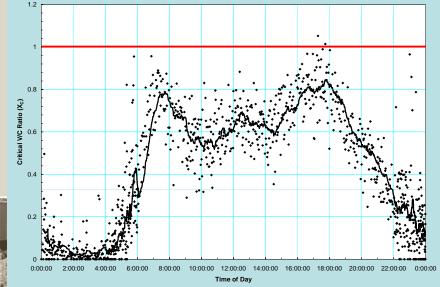
Nancy Montague, Immigration Counselor Office of International Students & Scholars (ISS) nancym@purdue.edu



# PURDUE UNIVERSITY









## **Items on Circulating Data Sheets**



- Email
- Web Page URL
- Date of Contact
- Current University
- Country
- Desired Area of Study
- Desired Enrollment Date In Graduate Program
- Last Name
- First Name

- GRE Scores
- TOEFL Scores
- Request for additional information from Purdue University
- Topics that would desirable for follow up in a future web-based teleconference





## **Topics**



- Purpose of the Visit
- Purdue University Introduction
- United States Graduate Education Model
  - Application Process
  - Funding
  - Offer Letters
- Student Perspective
- International Program Office Assistance
- Discussion/Contacts



## **Purpose of the Visit**

- To introduce to you Purdue University and to make general appeal for you to consider studying there
- To learn more about your program and the background of potential students
- To answer any questions you may have regarding the application process





## Importance of studying abroad

- Learning a lot more about the country
- Developing better understanding of culture and language
- To "see" your own country much more clearly from a distance
- Educational experience beyond the classroom





## Things to Consider

- United States is too far away
  - Physical distance remains constant but world is getting global and smaller
- Colleges and universities there are too expensive
  - High percentage of graduate students receive financial assistance
- Visas are difficult to obtain
  - Universities help students with the process



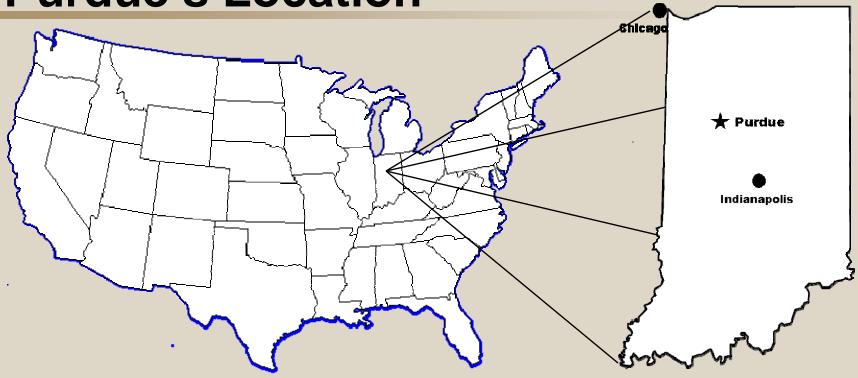
## Purdue's goals

- Purdue, along with other universities strongly interested in attracting bright, diverse student population
- Recognition that international students represent a key element of diversity
- Provide domestic students with more international exposure and more international experiences





#### **Purdue's Location**



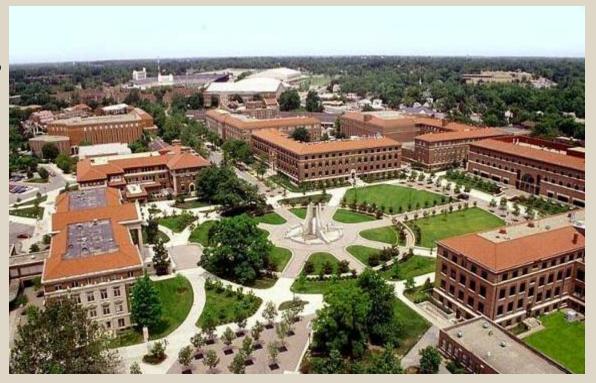
- Purdue is in Indiana, just south of the Great Lakes.
- It is a 2-hour drive southeast of Chicago, and a 1-hour drive northwest of Indianapolis





## **The Purdue Campus**

- The main campus in West Lafayette has 159 buildings on over 2,300 acres.
- Purdue also has campuses in Indianapolis, Fort Wayne, and two sites in northern Indiana.







## Messages

- Purdue University has an exceptionally strong college of Engineering with international alumni having world wide impact.
- Purdue University is seeking more diversity in its International Students.
  - Highly Qualified International Students are being aggressively recruited with tuition remission and stipends to support their studies in the US
- Our presentation is designed to help you maximize your chances for being selected for admission and financial assistance.





## **Some Purdue Demographics**

- ☐ 38,712 total enrollment
- ☐ 6,932 graduate students
- ☐ 30,875 undergraduate students
- □ 14,966 faculty and staff





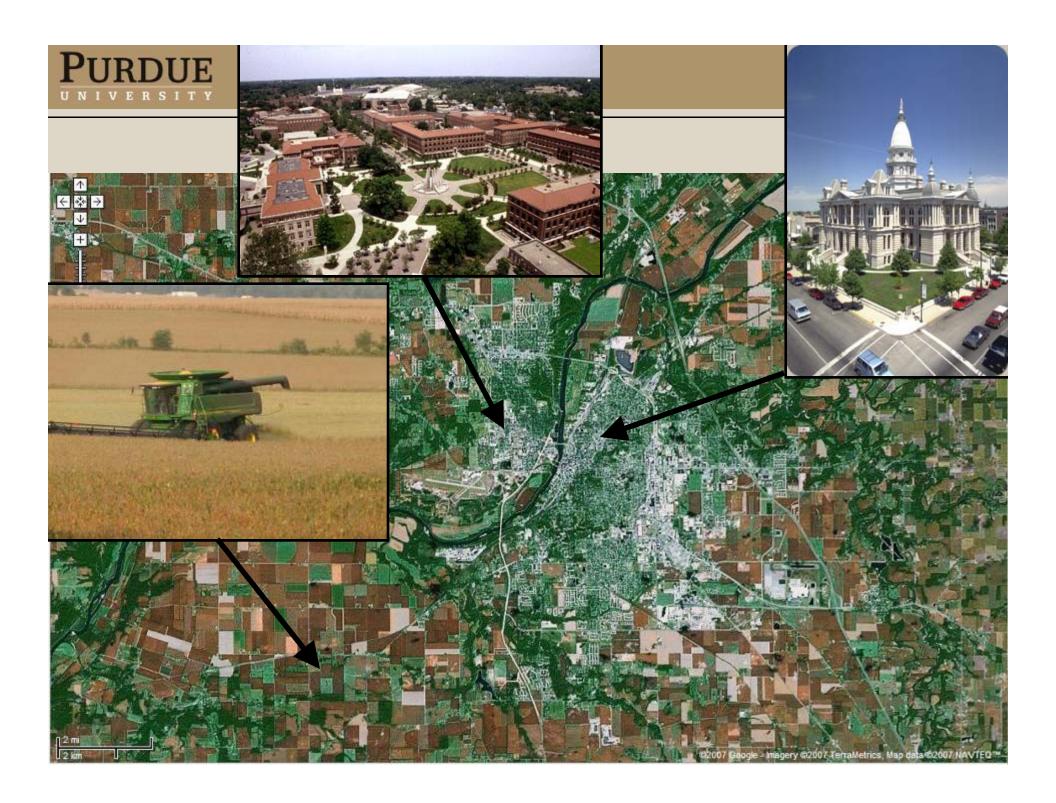


#### **Academic Programs: 10 Colleges/Schools**

- □ Agriculture
- ☐ Consumer & Family Sciences
- □ Education
- **□** Engineering
- □ Liberal Arts



- ☐ Management (Krannert)
- ☐ Pharmacy, Nursing, and Health Sciences
- **□** Science
- □ Technology
- □ Veterinary Medicine



## **US News Ranking**

- College of Engineering #12
  - Aeronautical Engineering #6
  - Civil Engineering #7
  - Industrial Engineering #6
  - Mechanical Engineering #7
  - Nuclear Engineering #8
- Computer Science #18







## Video: "Your Purdue"

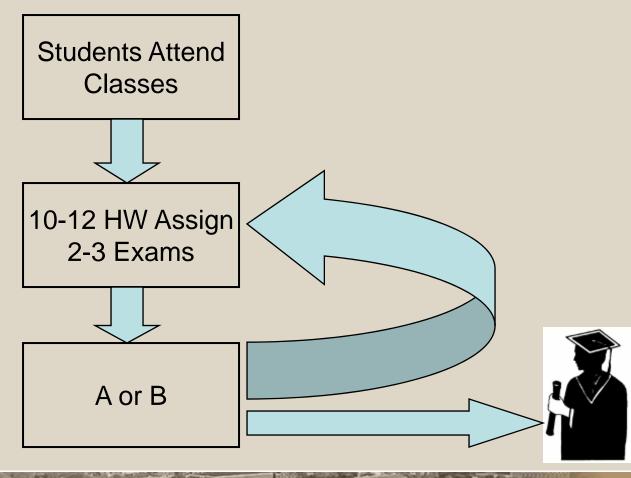






#### **United States**

## **UnderGraduate Program Model**

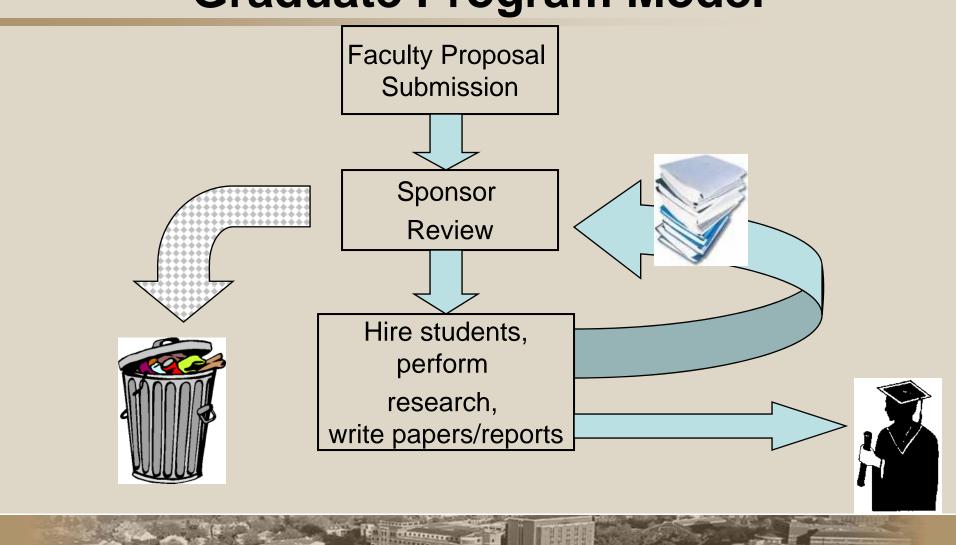






#### **United States**

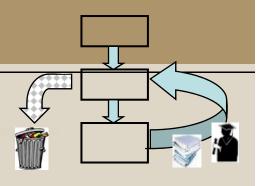
## **Graduate Program Model**





#### **U.S.** Graduate

#### **Education Model**



- Faculty Submit Proposal to Sponsors
- Some Proposals Funded by Sponsors
- Faculty Hire Grad Students
- Grad Students Perform Research
  - Lab supply purchases, car rental, travel....
  - Research carried out in a safe manner
- Papers/Reports/Presentations are prepared to disseminate research results
- Students graduate





# Application Process, Funding Opportunities, and Calendar







## **Applications**

☐ The Graduate School at Purdue define general policies and procedures for admission.

www.gradschool.purdue.edu

- □ Applications are submitted electronically (see above link)
- ☐ Individual schools often have more specific requirements.

http://www.ce.purdue.edu/academics/graduate







## **Admission Requirements/Targets**

- ☐ Graduate School requirements:
  - Baccalaureate degree or equivalent
  - Minimum 3.0/4.0 Grade Point Average (GPA) to be admitted without conditions
  - Test of English as a Foreign Language (TOEFL) for international nonnative speakers of English
  - Minimum TOEFL scores of 213 for computer-based and 550 for paper test. Target TOEFL 575-600.
  - Target GRE 700 Quantitative/ 500 Verbal

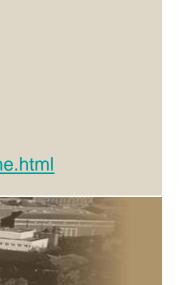




## **Estimated Expenses for 2007-2008**

	Option 1	Option 2	Option 3
Tuition and Fees *	\$ 28,715	\$ 2,793	\$ 2,793
Living (Housing, Food, Transport)	\$ 12,555	\$ 12,555	\$ 12,555
Books/Laptop	\$ 1,360	\$ 1,360	\$ 1,360
Academic Study Area	Civil MS	Civil MS	Civl PhD
Civil Eng. Assist	No	Yes	Yes
Annual TA/RA Income	\$ -	\$ 18,600	\$ 19,800
Net Cost	\$ 42,630	-	-
Disposable Funds		\$ 1,893	\$ 3,093

<sup>\*</sup> www.purdue.edu/bursar or http://www.purdue.edu/bursar/Calculator/2007-2008/Welcome.html



# PURDUE 2006 Civil Engineering

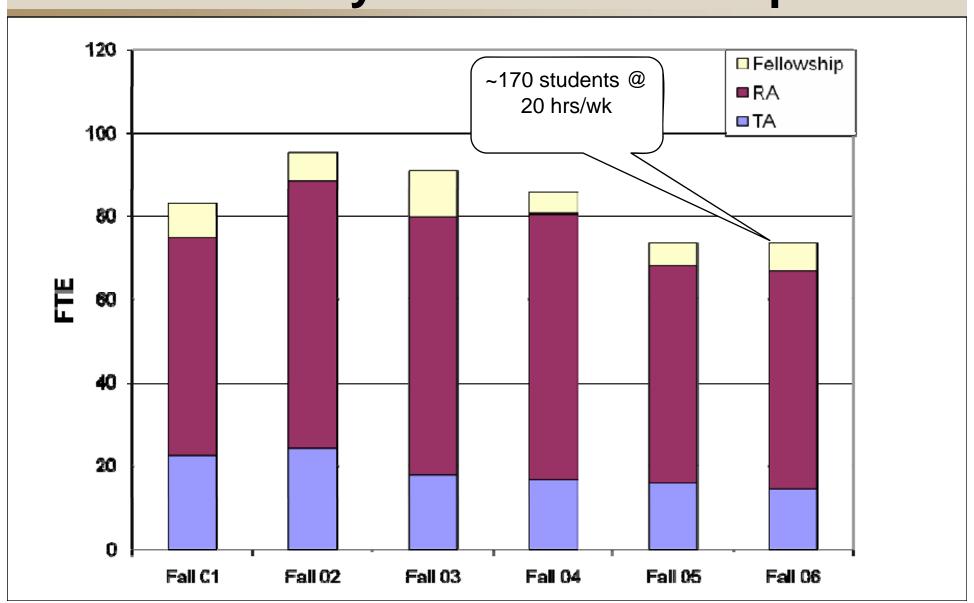
# Demographics







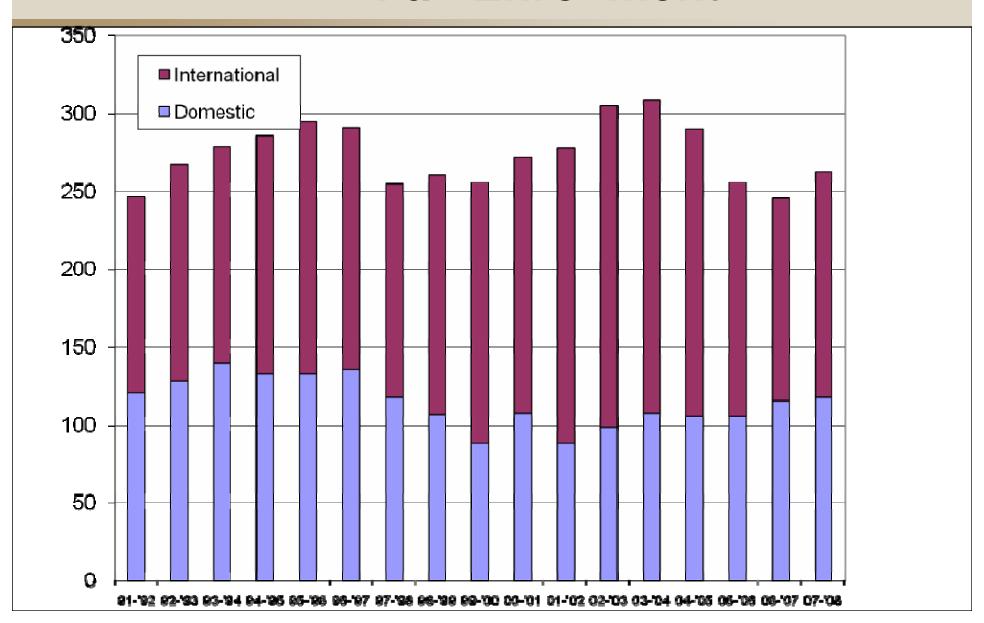
# FTE of Grad Student Support by TA/RA/Fellowship





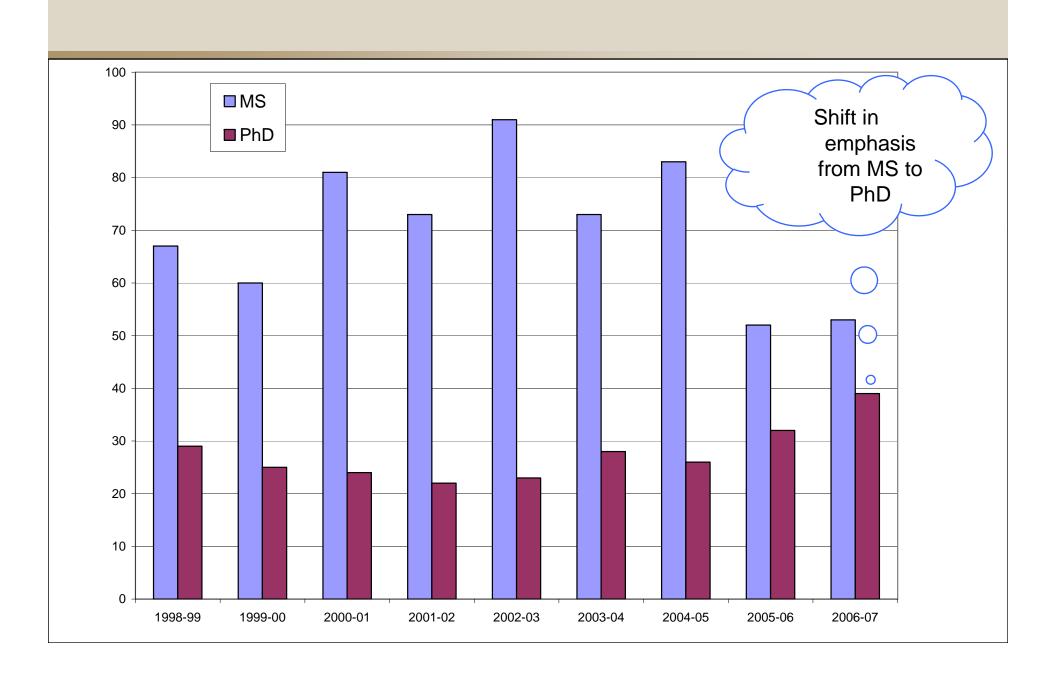
## **CE Graduate Program**

### **Fall Enrollment**





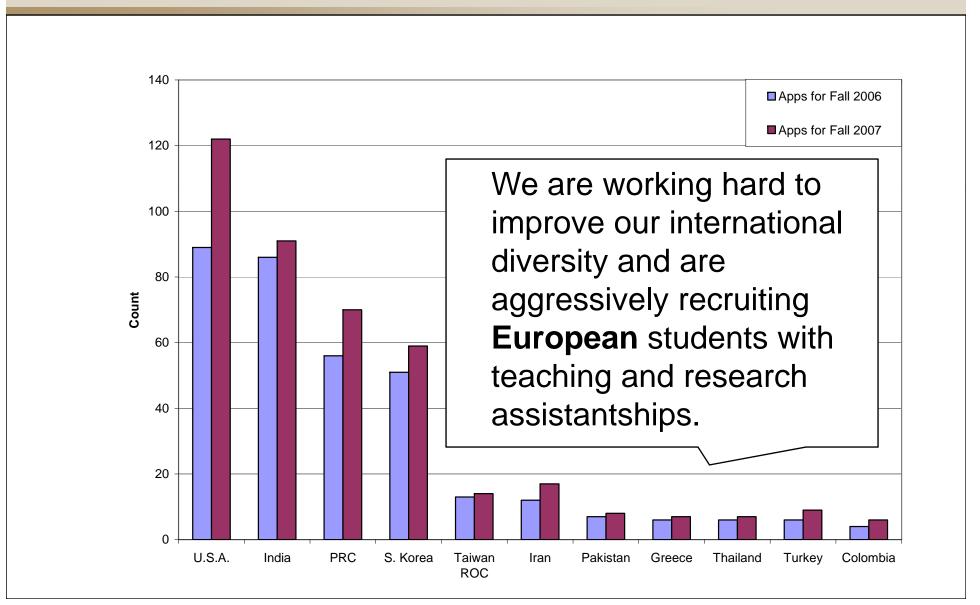
## **Degrees Awarded**





# **Applications by Country**

## (April Snapshots)





## **General Funding Information**

□ Approximately 62% of Purdue's graduate students receive funding (in Civil it is closer to 70%)

□ Over 4,400 students hold graduate assistantships

☐ Graduate students may secure two primary types of

funding:

RA: Research Assistantship

TA: Teaching Assistantship







## **General Funding Information**

- ☐ Funding is offered primarily by the school you apply to
- □ Eligibility requirements and application processes vary
- ☐ The majority of funding is available in the fall semester

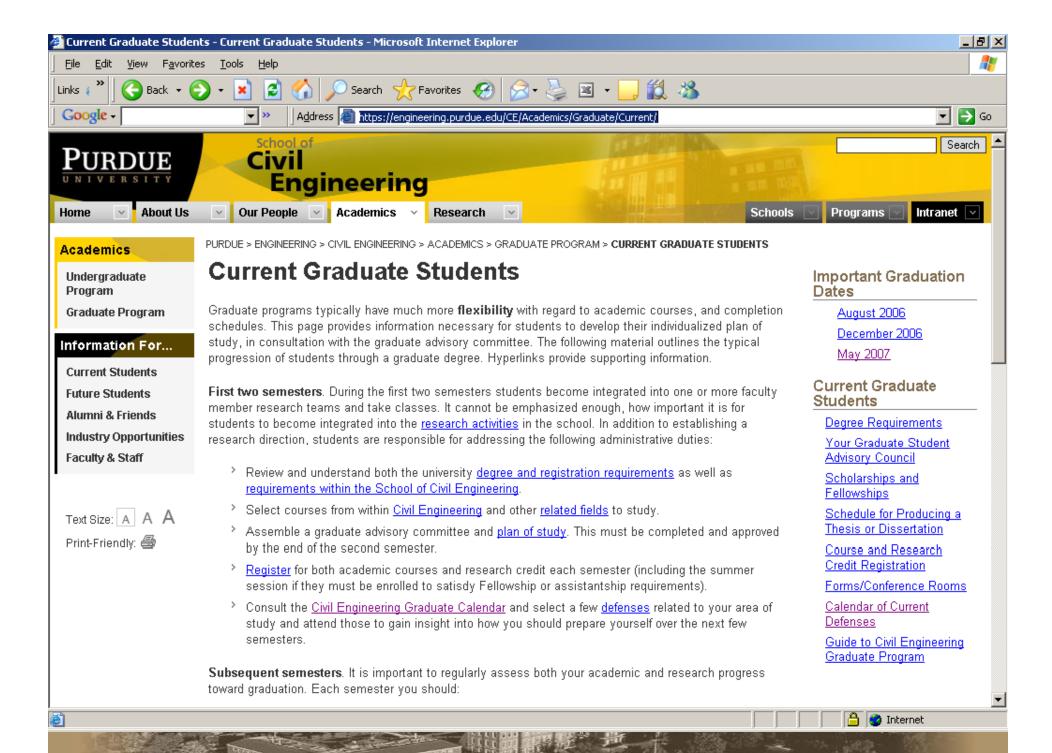


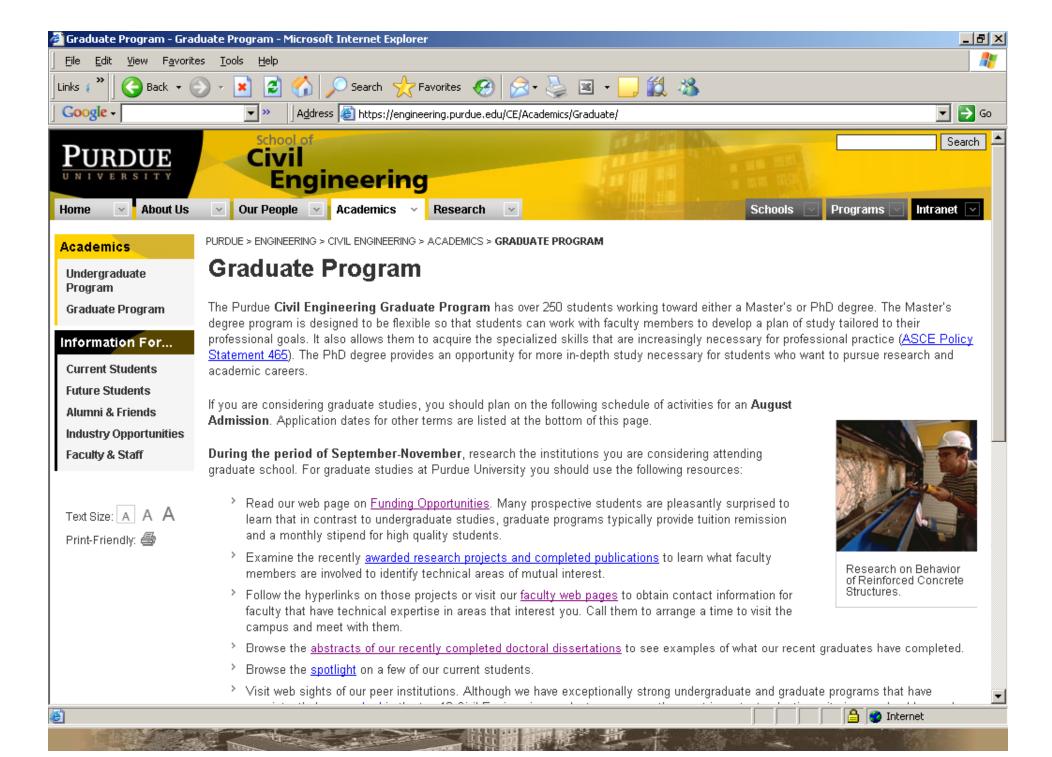


## **Funding Tips**

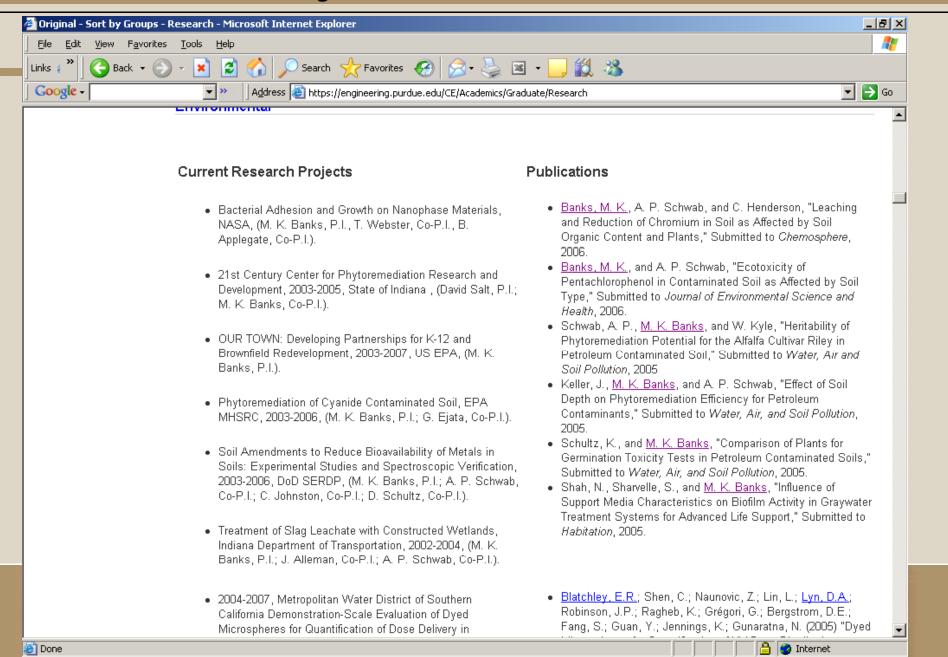
- ☐ Visit your graduate program of interest's admissions or application Website to determine application deadlines, requirements, and processes
- ☐ Identify faculty members with common interests that may have assistantships available
- □ Visit the Graduate School's Funding Web page, www.gradschool.purdue.edu/funding, to:
  - Review fellowship requirements
  - Search the funding database for fellowships and assistantships offered by Purdue and other organizations

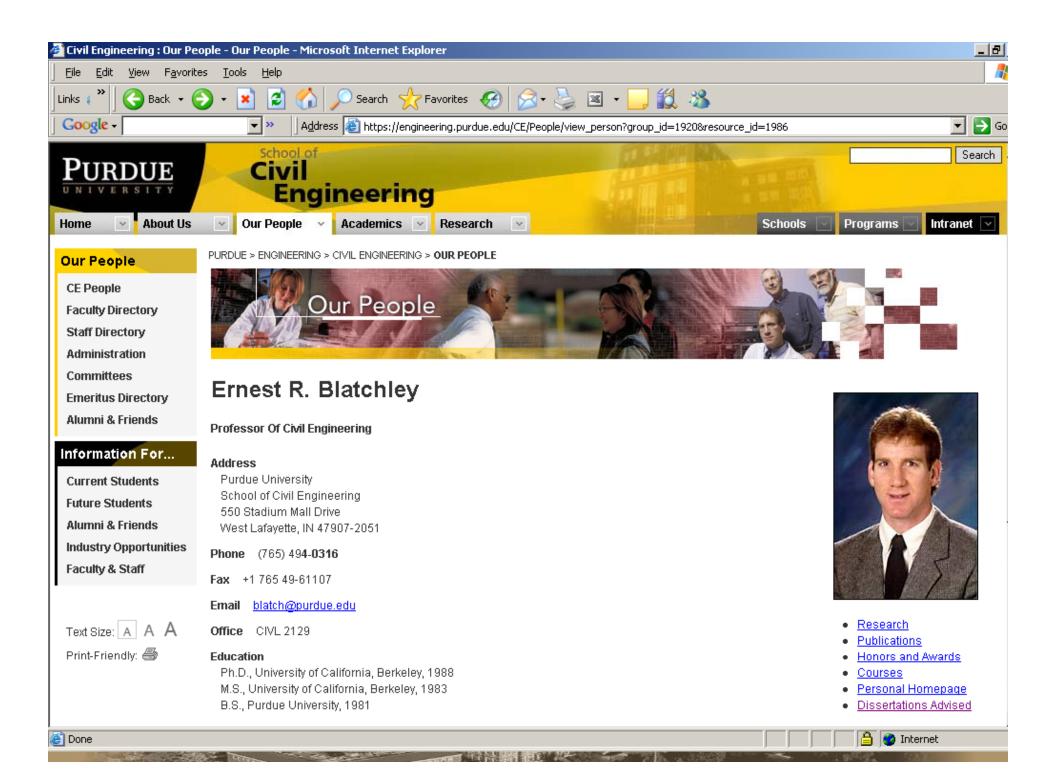


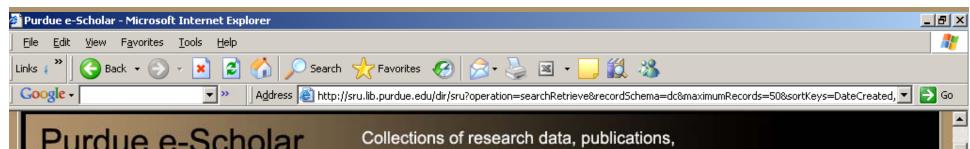




#### **Projects Publications**







#### Purdue e-Scholar Libraries

Collections of research data, publications, and archives created and curated by Purdue University

SHEN, CHENGYUE. CHARACTERIZATION OF UV IRRADIANCE FIELD IN UV DISINFECTION SYSTEMS BY LOCAL ACTINOMETRY, Doctoral dissertation, Purdue University, 2004. Advisor: Ernest R. III Blatchley.

GONG, WOEI-LONG. LONG-TERM EFFECTS OF DISINFECTION ON WASTEWATER EFFLUENTS, Doctoral dissertation, Purdue University, 2002. Advisor: Ernest R. III Blatchley.

SHANG, CHII. CHLORINATION OF AQUEOUS SOLUTIONS CONTAINING ORGANIC NITROGEN: ANALYSIS AND DETECTION WITH MIMS, Doctoral dissertation, Purdue University, 1999. Advisor: Ernest R. III Blatchley.

BRICKA, RAY MARK. EVALUATION OF EXOTHERMIC SOLIDIFICATION/STABILIZATION BINDING AGENTS TO ENHANCE THE REMOVAL OF TRICHLOROETHYLENE FROM COMBINED WASTE, Doctoral dissertation, Purdue University, 1998. Advisor: Ernest R. III Blatchley and James E. Alleman.

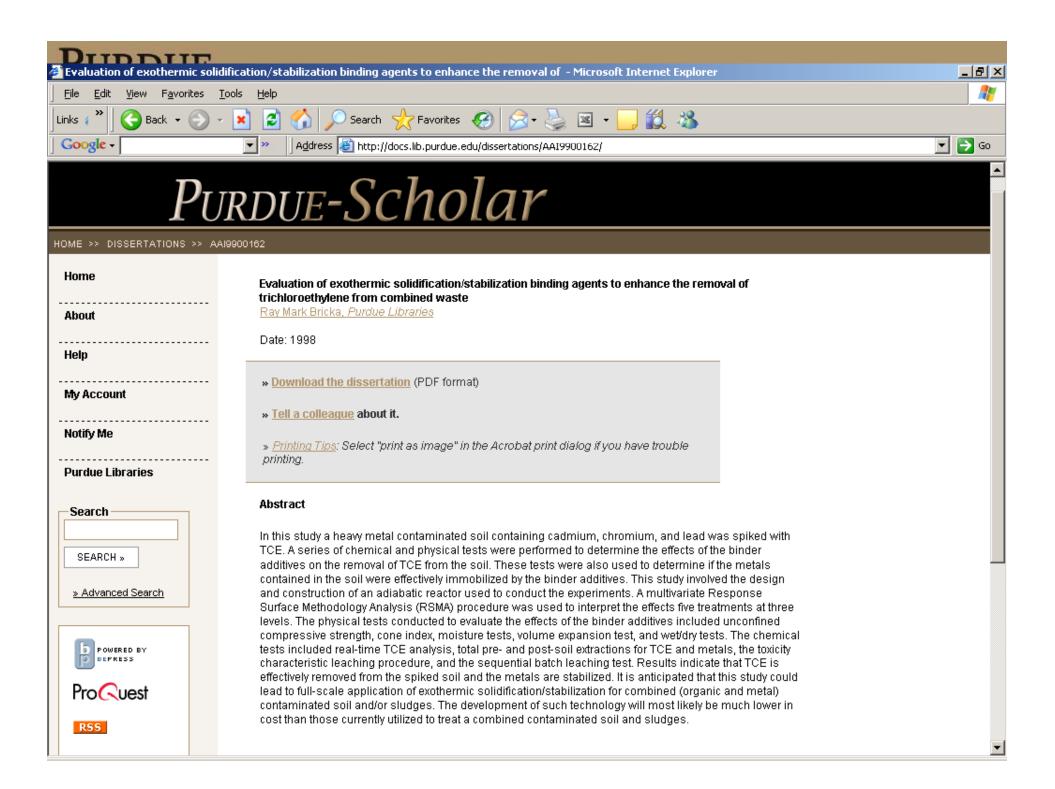
CHIU, KUANG-PING. PROCESS BEHAVIOR OF VERTICAL ULTRAVIOLET DISINFECTION SYSTEMS, Doctoral dissertation, Purdue University, 1998. Advisor: Ernest R. III Blatchley.

NYMAN, MARIANNE CHRISTINA. THE FATE OF 3,3'-DICHLOROBENZIDINE IN THE AQUEOUS ENVIRONMENT, Doctoral dissertation, Purdue University, 1997. Advisor: Ernest R. III Blatchley.

THOMPSON, JOHN ELLIOT. GAMMA IRRADIATION FOR DISINFECTION OF WATER AND WASTEWATER, Doctoral dissertation, Purdue University, 1997. Advisor: Ernest R. III Blatchley.

LIN, LIAN-SIUN. INORGANIC FOULING AT QUARTZ:WATER INTERFACES IN ULTRAVIOLET PHOTOREACTORS, Doctoral dissertation, Purdue University, 1997. Advisor: Ernest R. III Blatchley.

DUGGIRALA, RAVIKRISHNA. EFFECT OF COPPER ON TRIHALOMETHANE FORMATION DURING CHLORINATION OF WATER AND WASTEWATER, Doctoral dissertation, Purdue University, 1996. Advisor: Ernest R. III Blatchley.





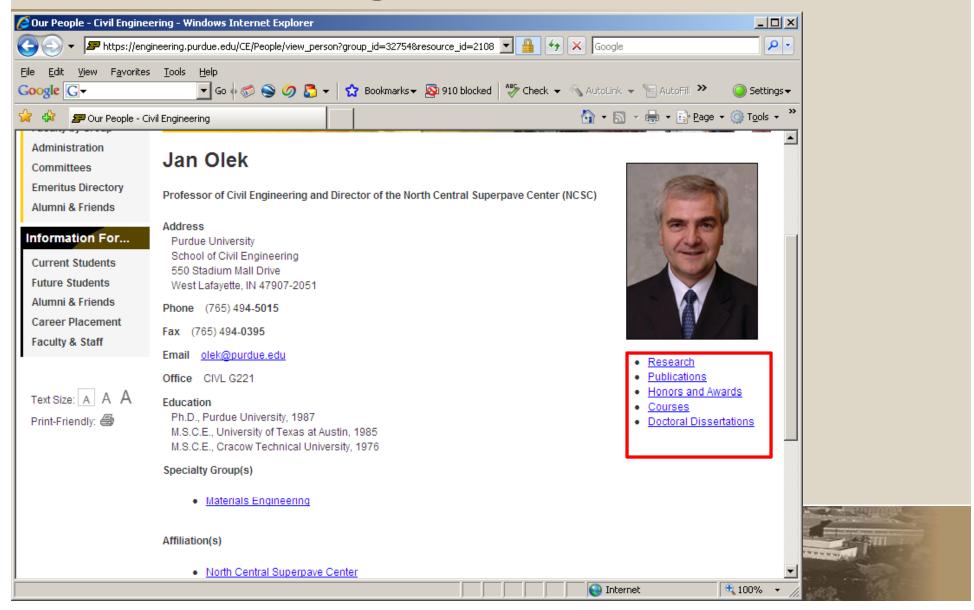
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2.1 Objective
CHAPTER 3: ORGANIZATION OF REPORT
CHAPTER 4: STUDY BACKGROUND
4.1 Overview of the Department of Defense's Environmental Quality Research, Development, Testing, and Evaluation Program
CHAPTER 5: REGULATIONS AFFECTING ESS
5.1 The Clean Air Act



#### **Review Faculty**

### Web Pages and email them





### **Funding Tips**

- □ Begin your search at least one year before you want to begin your studies
- □ Apply early for admission when more funding is typically available
- ☐ Contact faculty members stating your research interests





#### **Typical Schedule for**

#### Fall 08 Enrollment

- Fall 07: Take GRE and TOEFL
- Nov 07: Begin Application Process
  - Review Faculty Web Sites
  - Write statement of purpose articulating interest
- Dec 07: Finalize Application
- Feb-Mar 08: Admission letters sent by Purdue
- April 08: Students accept/Decline
- Aug 08: Students arrive on campus







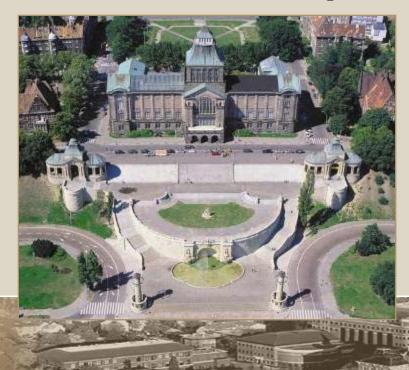
# Student Perspective

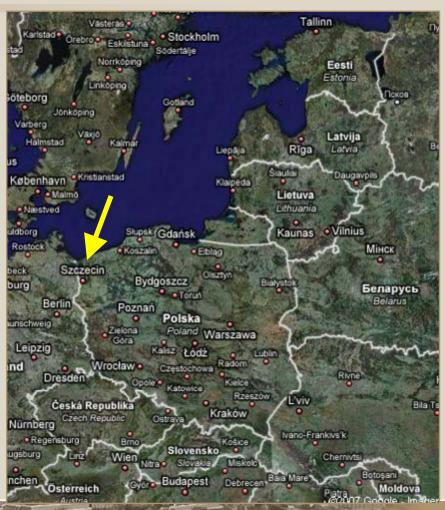


### From Student's Perspective

#### My background:

- M.S.C.E Szczecin University of Technology (May 2004)
- School of Civil Engineering and Architectural Design







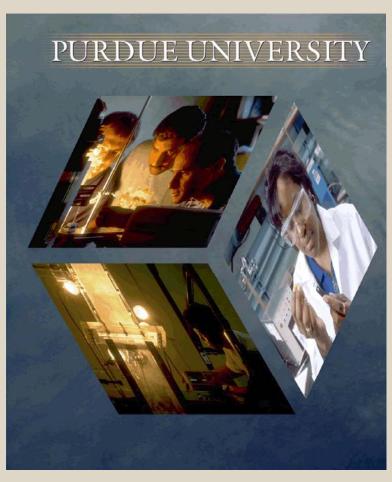
#### **Grad School at Purdue**

- 2004 present
- School of Civil Engineering
- Cement and Concrete Materials Group
- Graduate Research and Teaching Assistant
- Research interest: early-age properties of concrete, probability of cracking in concrete
- American Concrete Institute officer of Purdue University Student Chapter
- Graduate Student Advisory Council





#### Purdue has recognition for excellence in:



- Discovery (research)
- Learning (teaching)
- Engagement (service)





#### How does it relate to your life?

- Research National Science
   Foundation, Indiana Department of
   Transportation, projects related to
   industrial needs, etc.
- Teaching wide range of courses;
   cover all possible interest
- Service: professional organizations, student organizations
- Facilities: Campus buildings, gym, tennis courts, etc.



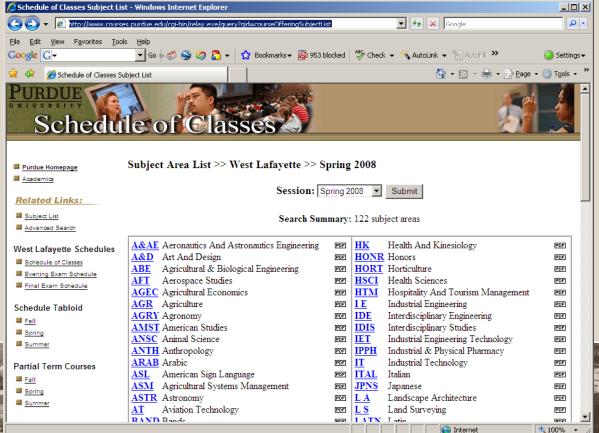




#### Classes outside

## of Civil Engineering

http://www.courses.purdue.edu/cgibin/relay.exe/query?qid=courseOfferingSubjectList



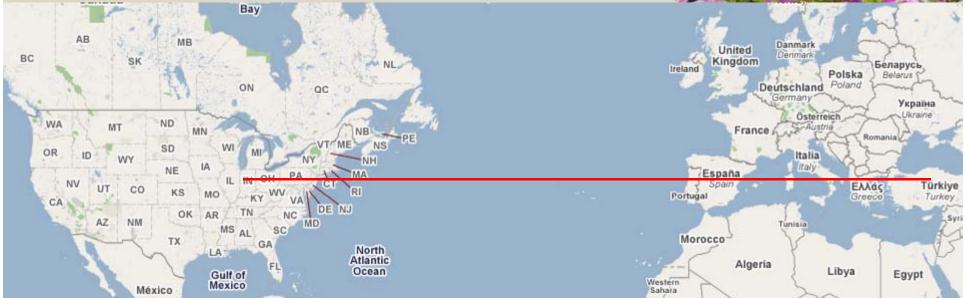




# Where you live, what you eat, and is it snowing there?

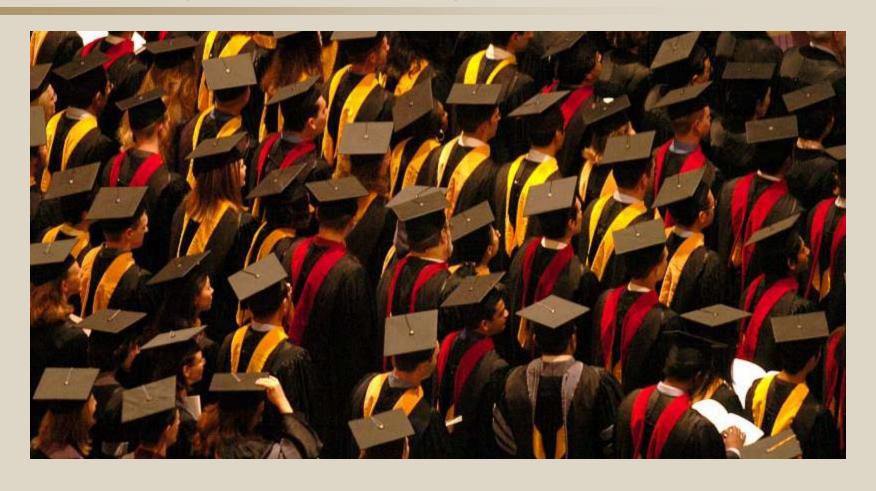
- On-campus or off-campus; affordable, you can live alone or have roommates
- College town no problem with transportation, traffic, etc.
- Nature areas around







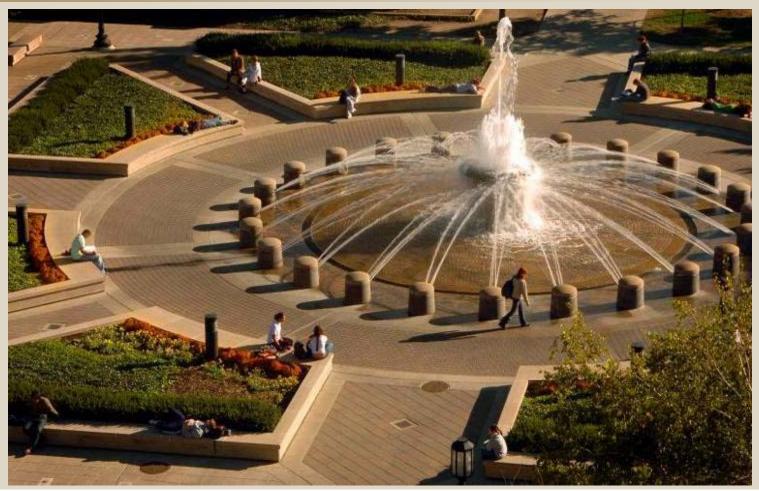
#### Thank you? What are your questions?







#### **Office of International Students**







#### Video: International Student Life at Purdue

- "Many Voices from Many Lands"
- ☐ Purdue has a very international campus
- ☐ There are approximately 5,000 international graduate and undergraduate students at Purdue
- ☐ In addition, there are 750 international faculty & staff members and scholars from more than 80 countries.



# Office of International Students & Scholars (ISS) Welcoming the World to Purdue University

Services Provided Before Arrival:

- 1. Issuance of immigration document
- 2. Mailing of pre-arrival packet:
- Arrival instructions & program details
- Campus Map
- Health Insurance information







# Office of International Students & Scholars (ISS) Welcoming the World to Purdue University

#### Services Provided Upon Arrival:

- 1. Transportation to your housing location
- 2. Orientation check-in SEVIS compliance
- 3. Orientation program:
- Information for starting classes
- Academic & non-academic activities
- Social events
- On- and off-campus resources







#### Office of International Students & Scholars (ISS)

#### Welcoming the World to Purdue University

Services Provided After Arrival:

- 1. Assistance with immigration regulations
- Employment on and off-campus
- Travel home and reentry to the U.S.
- Maintaining status during studies



- Helping connect students with campus services







# Office of International Students & Scholars (ISS) Welcoming the World to Purdue University

Services Provided After Arrival:

3. Global Outreach (GO Purdue!)

**Cultural Programs** 

- Perspectives
- □ International Friendship Program
- □ Educational Exchange
- ☐ International Awareness Week
- ☐ Trips



Cultural Perspecitves Trip: Tippecanoe Battlefield





# Office of International Students & Scholars (ISS) Welcoming the World to Purdue University

Office of International Students & Scholars

Schleman Hall, Room 136

475 Stadium Mall Drive

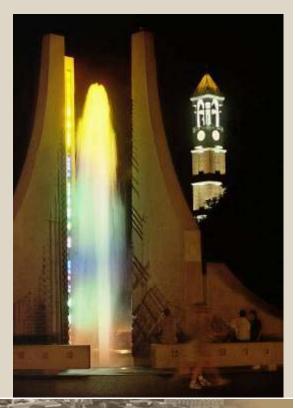
West Lafayette, Indiana 47907

Web: www.iss.purdue.edu

Email: iss@purdue.edu

Phone: 765-494-5770

Fax: 765-494-6859







#### The Community

Two cities divided by the Wabash River

Home of Purdue, Subaru, Caterpillar, and Wabash National

West Lafayette: 25, 907

Lafayette: 56,397

Tippecanoe County: 149,955

Source: 2000 Census







# Concluding Remarks







#### Messages

- Purdue University has an exceptionally strong college of Engineering with international alumni having world wide impact.
- Purdue University is seeking more diversity in its International Students.
  - Highly Qualified International Students are being aggressively recruited with tuition remission and stipends to support their studies in the US
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#### **Fall 08 Enrollment**

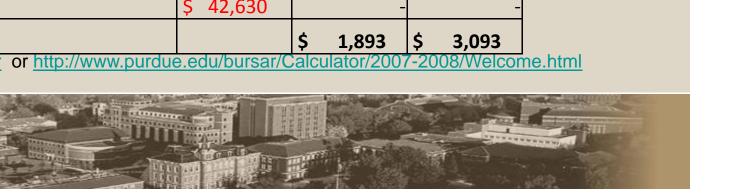
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Academic Study Area	Civil MS	Civil MS	Civl PhD
Civil Eng. Assist	No	Yes	Yes
TA/RA Income	\$ -	\$ 18,600	\$ 19,800
dmb4			
Net Cost	\$ 42,630	_	-
Disposable Funds		\$ 1,893	\$ 3,093



#### Slide 64

dmb4

Add Feed Remit
Darcy Bullock, 10/1/2007



### **Opportunities to Follow Up**

- If you have questions, feel free to talk to us following presentation.
- Please return to us the biographical information cards.









### Extra



### Graduate Program Staff

## cegrad@purdue.edu



 Maeve Drummond Graduate Program Administrator



Suzie Flavin raduate Secretary



Clair Schaler
Student Worker





#### **GRE: Graduate Record Examinations 2007-08**

- October 12, 2007
- November 3, 2007
- February 2, 2008
- April 12, 2008

#### Locations:

- Czech Republic Prague
- Finland Helsinki
- Lithuania Vilnius
- Poland Warsaw



### Purdue School of Aeronautics and

## **Astronautics Engineering**



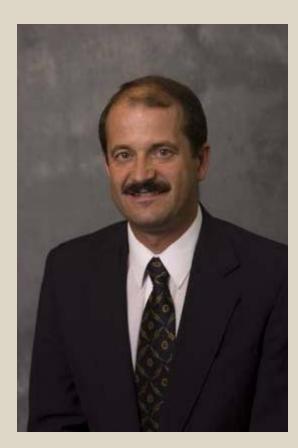
Prof. Anastasios (Tasos) Lyrintzis

Email: <u>lyrintzi@purdue.edu</u>



# PURDUE School of Agricultural and

# Biological Engineering



Prof. Dirk Maier

Email: maier@purdue.edu



#### PURDUE Biomedical Engineering

**Andrew Brighton** 

Email: aob@purdue.edu



# Purdue Chemical Engineering



Prof. Rakesh Agrawl

Email:

agrawalr@purdue.edu





#### Electrical & Computer

#### Engineering



Prof. Chee-Mun Ong

Email: ong@purdue.edu



### **Engineering Education**



Prof. Heidi Diefes-Dux

Email: hdiefes@purdue.edu





#### Professional

#### Education



Prof. Charles M. Krousgrill

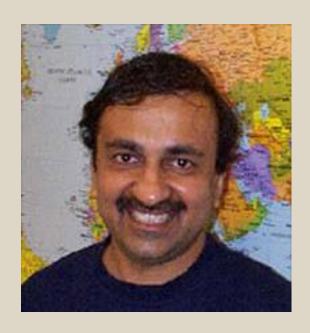
Email:

krousgri@purdue.edu





### School of Industrial Engineeirng



Prof. Srinivasan Chandrasekar

Email: chandy@purdue.edu



## Purdue Materials Engineering



Prof. Carol Handwerker

Email:

handwerker@purdue.edu



#### PURDUE Mechanical Engineering

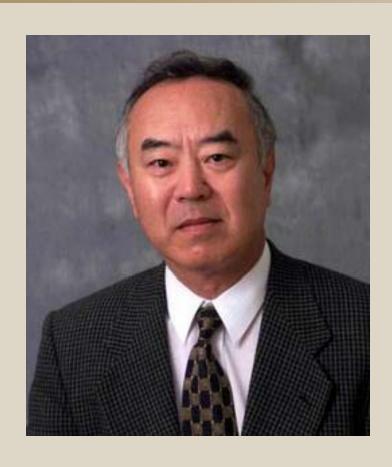


Prof. Anil Bajaj

Email: bajaj@purdue.edu



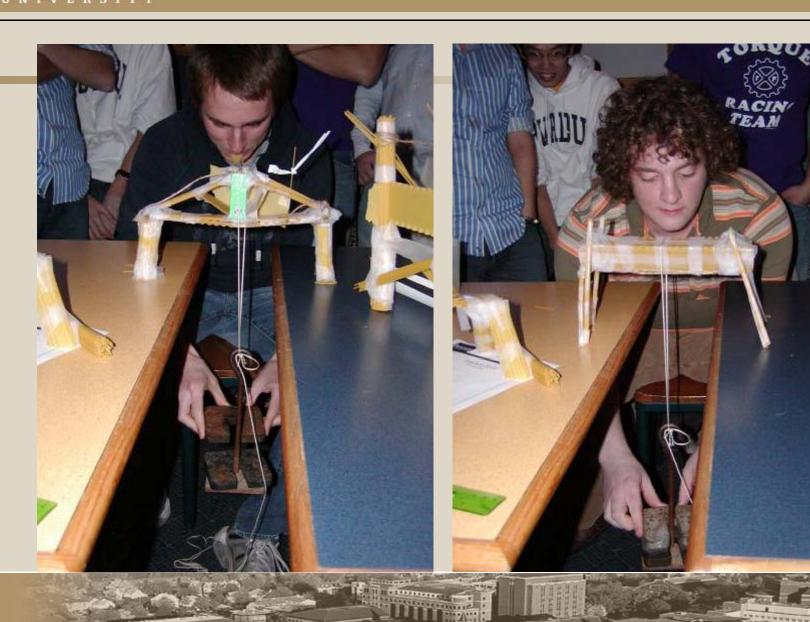
# Nuclear Engineering

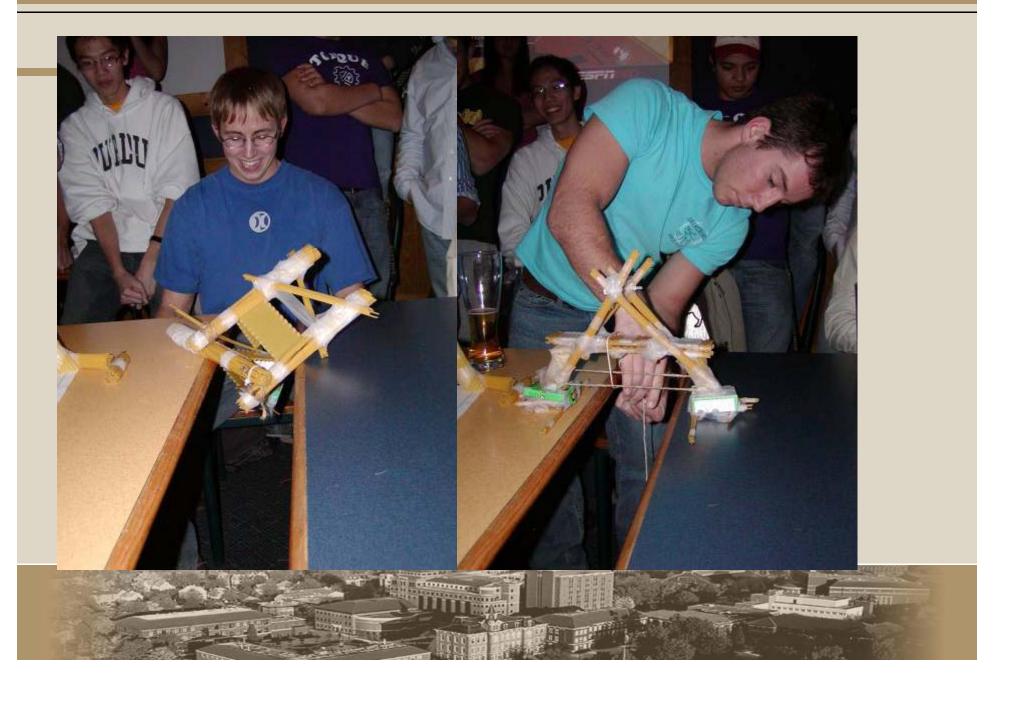


Prof. Mamoru Ishii

Email: ishii@purdue.edu







#### **PURDUE**

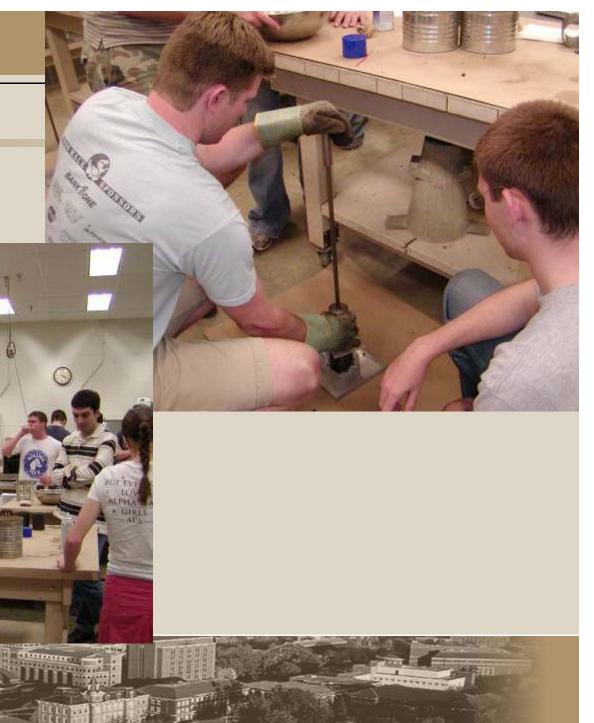
UNIVERSITY







# **PURDUE**



#### PURDUE The Purdue Campus (2307 acres)

