Welcome back Students and Faculty!

A Message from the Interim Head

I would like to welcome everyone back. We are off to an exciting start with three new faculty.

Dr. Jean Paul Allain  Dr. Ahmed Hassanein  Dr. Igor Jovanovic

Please help us prepare for the ABET review that will be October 29th and 30th.
Funding Opportunities

NSF grant: PI Prof. Tatjana Jevremovic; Co-PIs Prof. Rong Gao, Prof. Lefteri Tsoukalas, Prof. Chan Choi, with Prof. Nicolas Burbakis from Wright University

Intelligent Model-Assisted Sensing System (iMass) for Fast and Accurate Special Nuclear Material Interrogation

The iMASS (Intelligent Model-Assisted Sensing System) project will investigate a new nuclear detection approach using advanced modeling and simulation of detector response in realistic environment with minimal false alarms.

2007—2010 $1,216,240

UNITY Hospital grant: PI Prof. Tatjana Jevremovic
Python Controlled MCNP5 Based Radiation Treatment Planning Tool

The project purposes to develop, test and present to the Faith Hope and Love Cancer Center an advanced computational tool for radiation treatment planning.

2007—2007 $5,200

DOE Grant: PI Prof. Rusi Taleyarkhan; PI Sean McDeavitt from Texas A&M University

The project entitled: NERI Consortium for Real Time Detection of Actinide Compositions in the UREX+ Process

2007-2010 $2,100,000
New Faces in Nuclear Engineering

Along with three new faculty joining us this fall; we have 41 incoming sophomores and 12 graduate students also joining us.

The graduate students are listed below along with the University where they did their most recent studies and their major professors in Nuclear Engineering at Purdue.

- Anthony Polloman—Purdue—undetermined
- Benjamin Collins—Purdue—Professor Downar
- Christopher Bailey—Purdue—Professor Bertodano
- Daniel Rokusek—Massachusetts Institute of Technology—Professor Allain
- Felisa Limon—Purdue—Professor Jevremovic
- Gavin Henderson—Purdue—Professor Revankar
- Joshua Schlegel—Purdue—Professor Ishii
- Liyuan Zhang—Purdue—Professor Jovanovic
- Ryan Coons—Miami University—undetermined
- Shao-Wen Chen—National Tsing Hua University—Professor Hibiki
- Somboon Rassame—Chulalongkorn University—Thailand—Professor Hibiki
- Xue Yang—Tsinghua University—Professor Jevremovic

ANS News

ANS Officers:
- President—Sheila Bolbolan
- Vice President—Felisa Limon
- Treasurer—Charlton Campbell
- Secretary—Carrie Bloink

Committee Chairs:
- Special Events Chair—Daniel Jabaay
- Outreach Chair—Doug French
- Corporate Chair—Kurt Walter

ANS News:

The ANS officers and committee chairs have been busy all summer planning an event packed year. We hope to have most if not all of the Nuclear Engineering community to be involved in ANS. This year we are hosting another acclaimed Nuke Week, more Outreach events, and many more member meetings throughout the year. We intend to send students to the HASTI and ANS conferences. Our callout is going to be held on Thursday August 30, 2007, time and location to be announced. ANS would like to do something for Family Day in September. Volunteers are needed, please contact Felisa Limon or Sheila Bolbolan. We still have a position for sophomore representative available. Nuke Week will be the last week of September and volunteers are needed, see Dan Jabaay, Felisa Limon or Sheila Bolbolan.
News and Awards

Professor Ishii and Professor Hibiki received the 2007 Engineering Achievement Award, Thermal-hydraulics Division, Atomic Energy Society of Japan in recognition of extensive and outstanding original research contributions to nuclear thermal-hydraulics and modeling of two-phase flow.

Shao-Wen Chen received the Ross Fellowship

Daniel Rokusek received the Andrews Fellowship

Shilp Vasavada received the Donnan Fellowship

Bryan Sims received the Donnan Fellowship

Josh Duc received the UniStar Nuclear Scholarship

William Robbins received the Clikeman Scholarship

Caleb Brooks received the ANS Scholarship
Papers


Book Contributions


Seminars/Workshops/Lectures

Tatjana Jevremovic, Advancing the Idea of BNCT for Metastatic Cancers
Cancer Research Clinical Partnership program, Oncological Sciences Center, Discovery Park, (September, 5, 2007)
FYI

We are updating the photos on the bulletin board outside of the main office. Kellie Reece, Departmental Secretary will email times so faculty, staff and students can get their pictures taken.

New location of Business Office and Student Services: The Business Office is located in room 132B and Student Services is located in room 136
Calendar

August
13th—First day for faculty
15th—Faculty Meeting – 3:30 p.m. Conference Room
17th—Dean Open Forum – 3:30 p.m. STEW 206
20th—Fall classes begin
22nd—Colloquium (Joint) – Welcome (Bralts) – 3:30 p.m. WTHR 200
29th—Colloquium - TBA

September
3rd—Holiday
5th—Faculty Meeting – 3:30 p.m. Conference Room (Dean Jamieson)
12th—Colloquium – TBA
12th—Dean Open Forum – 3:30 p.m POTR 234
15th—PU Family Day (Set up on mall – Need 1 faculty & 1-2 students)
19th—Colloquium – TBA
23rd, 24th Big 10 + Graduate School Expo (Need 1 faculty & 1 student)
26th—Colloquium – TBA

October
3rd—Faculty Meeting – 3:30 p.m. Conference Room
8th, 9th—October Break
10th—Colloquium – TBA
17th—Colloquium – TBA
18th—Dean Open Forum – 11:30 a.m. TBA
24th—Colloquium – TBA
27th—PU Homecoming (Set up on mall – need 1 faculty & 1-2 students)
29th—ABET Review
30th—ABET Review
31st—Colloquium – TBA

November
7th—Faculty Meeting - 3:30 p.m. Conference Room
4th—Colloquium – TBA
21st, 24th – Student holiday break
22nd, 23rd—Holiday
28th—Colloquium – TBA

December
5th—Faculty Meeting - 3:30 p.m. Conference Room
6th—Dean Open Forum – 3:00 p.m. STEW 202
10th—15th Final Exam Week
14th—NE Graduation Reception
16th—Fall Commencement
24th, 25th, 31st—Holiday