

NEWS

TOWN HALL MEETING with a **Faculty Focus**; Thursday, 01.18.06, 1:30PM Birck 1001

BREEZE TRAINING

- * **Adobe Acrobat Connect Professional (formally BREEZE) training sessions:** ITaP offers workshops to faculty and staff members devoted to teaching and learning. Visit <http://www.itap.purdue.edu/training> to view information on "Instructional Design and Tools" and signup for workshops. If we can put together a group of faculty and staff from the Birck, we could schedule a custom workshop.

MARK YOUR CALENDAR

- * **Advances in Physiological Sensing: New Technology to Explore Form and Function in Biological Systems:** Thursday, 01.11, 8:00 a.m. to 1:30 p.m.; MRGN 121; register <http://www.purdue.edu/dp/bbc/psfsymp/>.
- * **Materials Science and Engineering Seminar: "Dynamics, stability, and material property measurements in Atomic Force Microscopy";** Arvin Raman, Associate Professor, School of Mechanical Engineering and Birck Nanotechnology Center; Friday, 01.12.06, REFRESHMENTS 3:30; Seminar 3:45; MSEE B012.
- * With the **February 5th NIH deadline** approaching, you are reminded that Sponsored Programs has set up proposal submission workshops. If a workshop doesn't work into your schedule, you may set up a time to meet one-on-one with a Pre-Award Manager. A SPS workshop may be for you if you ever wondered if there is something you can do to increase the chances of your proposal being accepted on the first submission. Workshops will cover 1) Getting started with Grants.gov; 2) Software needs; 3) Commons Login; Websitel 4) Downloading; 5) Form-by-form instructions; 6) Step-by-step instructions for each section; 6) Appropriate forms for your type of submission; 7) What happens after submission? 8) Grants.gov Validation; 9) Commons Validation; and 10) Examples of common errors from past submission experience. For **specific content questions**, please contact Jenny Siemers at jsiemers@purdue.edu.
Please RSVP to Jeff Buchanan (jbuchanan@purdue.edu) and let him know which specific workshop you wish to attend. Options are 01.15, 2:00-5:00 PM, STEW 202; 01.18, 1:00-4:00 PM, STEW 313; 01.19, 10:00-12:00 noon, STEW 202; 01.23 9:00-12:00 noon, STEW 322; and 01.24, 9:00-12:00 noon, STEW 202.
- * The **67th Annual Physical Electronics Conference (PEC)**, including the prestigious Nottingham Prize Competition for best student paper, will be held at the University of Illinois at Urbana-Champaign (UIUC) on **June 19-22, 2007**. The **deadline** for the submission of abstracts for the conference **is Friday, April 20, 2007**. Additional information about the conference, instructions for abstract submission, registration, and housing can be found at the PEC website at www.physicalelectronics.org. Local PEC Co-Chairs are Tai C. Chiang, Ivan Petrov, and John H. Weaver. For assistance, please contact Ramona Simpson; 2007 PEC Meeting Secretary; 217.333.1381; Fax 217.244.2278; Email PEC07@mrl.uiuc.edu

BIRCK PRESENCE ON THE NANOHUB: KICK-OFF SPRING 2007

- * **Birck Nanotechnology Tutorial Series:** 40-60 minute PowerPoint tutorials covering a wide range of topics and directed at an interdisciplinary audience at the level of beginning graduate students. Many faculty members regularly give tutorials and short courses at various locations, so pick a recent one and let our students receive the benefit of these too. If you don't already have one prepared, develop one that will help new graduate students in your group get started. These will be recorded for presentation in PowerPoint with audio format using a Breeze-type technology.

BIRCK LIVING

#13 (JANUARY 2007)

Deborah Starewich, Editor

- * **Birck Nanotechnology Seminar Series:** 40-60 minute PowerPoint seminars designed to introduce the entire Birck community as well as prospective students, collaborators and program managers to the breadth of research underway in the BNC. Seminars will typically begin with 1-2 slides that introduce the faculty member and describe their research group's activities. The talks may be adapted from a recent research seminar that you gave recently at another institution, or an expanded version of a recent conference presentation. These seminars will also be recorded for presentation in PowerPoint with audio format using a Breeze-type technology. You may find it useful to update the presentation annually to keep the content current. Linking to your seminar from your group's website is a simple and direct way to highlight your research activities.
- * To have your tutorial or seminar posted to the NanoHub, each contributor should complete a release form authorizing the placement of their work on the website. This form also allows the presentation to be classified and catalogued. Download the "Video Taping Authorization Form" at http://www.nanohub.org/about_us/presenters/.
- * **Promotion of the nanoHUB website through BNC faculty web pages.** We would like each BNC member to provide a link to the nanoHUB on their group's webpage to encourage visitors to explore the nanoHUB to find out about BNC research. Instructions on how to link to the nanoHUB can be found at: http://www.nanohub.org/about_us/link_to_us/
- * **To get involved:**
 - 1) Identify a tutorial topic at the first-year graduate student level that you would like to present, and submit the proposed title to **Annie Cheever (acheever@ecn.purdue.edu)**. We will work with you to schedule your presentation for a time that is convenient for you.
 - 2) Contact Annie Cheever to schedule a research presentation. Note that the presentation can be a seminar with a "live" audience, or you can arrange to record your seminar without an audience at a time that is convenient.

FOR YOUR CONSIDERATION

- * An interesting e-mail came into me from an organization calling themselves "Nano Mission" (<http://www.nanomission.org>); although I was not able to conduct their "Nanomedicine Demo" — Windows operating system required — they invite visitors to "Join Dr Goodlove and Lisa in the demo of the first module, nanomedicine, select a suitable vehicle to deliver an anti cancer compound, and then navigate through the bloodstream to the site of the tumour, avoiding the body's natural defence [sic] mechanisms." Check it out . . .
- * The public vote for the first ever **NanoArt international online competition** is open now. 71 works have been submitted. Visit <http://www.nanoart21.org/contest%20gallery.htm> to view and vote.

JOB SEARCH

- * **Nanomedicine/Nanotechnology Postdoctoral Fellowship Position:** A Postdoctoral Research Associate position in nanomedicine and nanotechnology is available immediately for 12 month position (extendable to 24 months on mutual agreement). Qualified applicants will have a PhD in Engineering (Electrical Engineering, Chemical Engineering, Bioengineering, etc.) or Sciences (Materials Science, Biology, Chemistry, or related life sciences disciplines). Experience in DNA nanotechnology is required. The project involves integrating the phi-29 RNA nanomotor with artificial micro/nano-fabricated surfaces. Interested candidates should send resume to Prof. Rashid Bashir (bashir@purdue.edu). For additional information, visit <http://www.vet.purdue.edu/PeixuanGuo/NDC/> or <https://engineering.purdue.edu/LIBNA/index.html>.

LIFE ON THE OUTSIDE

- * **Congratulations** to Professor Rashid Bashir for the newest addition to their family: **Sophia**; born 12.11; 8 pounds, 3 ounces, 21 inches long. Besides being a busy father, Professor Bashir's interests are in the areas of biomedical imaging and sensing and microelectronics and nanotechnology.

