Safety highlight

Good laboratory practices

The importance of protecting your hands in a laboratory environment is continuously repeated. Lab users rely on gloves to protect them from being handled and the level of dexterity needed for a given amount of manipulation. We’ve developed the habit of putting protective gloves on.

Wearing gloves protects your skin from hazardous substances, but not taking them off can lead to a source of contamination and increased risk of exposure to other building occupants. The following are important reminders:

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UPCOMING EVENTS

<table>
<thead>
<tr>
<th>Event Date</th>
<th>Event Details</th>
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</thead>
<tbody>
<tr>
<td>5/10</td>
<td>Farewell reception for Noel Schulz, 3:30-4:30 p.m., Engineering Hall atrium</td>
</tr>
<tr>
<td>5/13</td>
<td>ENGG graduate student graduation reception, 10:30-12 p.m.</td>
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<tr>
<td>5/13</td>
<td>Graduate School commencement, Bramlage Coliseum, 1 p.m.</td>
</tr>
<tr>
<td>5/24</td>
<td>CAREER workshop, 1:30-3:30 p.m., 1044 Rathbone Hall</td>
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<tr>
<td>5/26</td>
<td>Chris Brandt office hours, 2:30-5 p.m., 1042 Rathbone Hall</td>
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<tr>
<td>5/30</td>
<td>University holiday</td>
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</tbody>
</table>

Ph.D. recruitment progress and best wishes

Dear Colleagues:

Congratulations to all our engineering faculty, staff and graduate students for their efforts to recruit more Ph.D. students. With your help we were able to more than double the number of applications we received this year as shown by the table below.

Increasing our application pool is the first step in increasing our Ph.D. enrollment. As of April 22, departments had accepted 57 candidates and more than 30 had agreed to come, with several still pending. Special shout out to the department heads and graduate coordinators for their efforts. I also want to thank the Graduate Student Advisory Council for having a ZOOM call at 7 a.m. on Saturday, April 9, with 15 Ph.D. student prospects from across the world to discuss graduate school at K-State. Congrats on this great result from our push of the last two years. Keep up the great work!

Finally, I would like to thank all of you for the opportunity to work with the College of Engineering over the last seven years, and especially the last four years as ADR. Together we have made advances in research, graduate programs and distance education. I have thoroughly enjoyed my time here at K-State and continue to be impressed with the passion the engineering faculty and staff have for supporting our undergraduate and graduate students. I hope there are opportunities in the future for us to interact again. Please let me know if you are visiting Washington State. Best wishes!

Sincerely,

Carole Lovin

Associate Dean for Research and Graduate Programs

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Sincerely,

Carole Lovin

Associate Dean for Research and Graduate Programs

Engineering Research and Graduate Programs

Kansas State University

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Manhattan, KS 66506

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Fax (785) 532-7810

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Enjoy your Summer!
With falling prices and increased awareness in creating a sustainable future, higher numbers of consumers are choosing to install roof-top solar generation. To make effective use of this trend, utilities companies are contemplating real-time pricing of electricity, which is expected to usher in a new generation of active consumers engaged in buying and selling electricity.

To aid in this outcome, Anil Pahwa, professor of electrical and computer engineering at Kansas State University, is leading a research team effort that focuses on development of an architecture that will require little change to the existing investment in power distribution systems. It allows for the dynamic, adaptive control required to integrate active consumers with current and future combinations of high-variability distributed power sources such as solar generators and storage batteries.

The project — which includes participating K-State faculty members Scott DeLoach and Dan Andresen, computer science; Bala Natarajan and Sanjoy Das, electrical and computer engineering; and Philip Gayle, economics — “CPSSynergy: Architecture for Future Distribution Systems Including Active Consumers with Rooftop Solar Generation” is funded by a three-year, $700,000 National Science Foundation grant.

The team’s expected outcome will be a general, extensible, plug ‘n’ play-type, secure cyber architecture based on holonic multi-agent principles that provide a pathway to the emerging area of a transactive energy market in power distribution systems.

“The resulting gains in operating efficiency, economics, reliability and security of power distribution systems, along with integration of green power will result in better overall welfare for society and the environment,” Pahwa said.
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Safety highlight

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The importance of protecting your hands in a laboratory environment is continuously repeated. Lab users rely on gloves to protect them from corrosive or toxic chemicals, infectious materials and radioactive substances. Appropriate materials are chosen based on the hazardous substances being handled and the level of dexterity needed for a given amount of manipulation. We've developed the habit of putting protective gloves on when handling hazardous materials, but it is also equally important to develop the habit of removing your gloves when appropriate.

Wearing gloves protects your skin from hazardous substances, but not taking them off can lead to a source of contamination and increased risk of exposure to other building occupants. The following are important reminders:

• Do not touch uncontaminated areas when wearing gloves.
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Don't forget to RSVP for the Engineering Graduate Student Graduation Reception by 5 p.m., Friday, May 6, 2016.

The reception will be Friday, May 13, 2016, 10:30 - 11:45 a.m., at the International Grains Program Institute, 1980 Kimball Ave., across the street from the Intercollegiate Rowing Center, with a short program at 11 a.m.

Light refreshments will be served and all graduates will receive a small gift from the college. Faculty and advisers, please RSVP to ergp@ksu.edu. Graduating students, please RSVP at gradrsvp.engg.ksu.edu.

Sincerely,

Carole Lovin
Associate Dean for Research and Graduate Programs
noels@ksu.edu

Chassy Nichols
Safety Coordinator
jgibisch@ksu.edu

Tamara Robinson
Editor
tamarar@ksu.edu

Jeff Gibisch
Research Administrator
noels@ksu.edu

Enjoy your Summer!

Did you know?

The ERGP office is happy to announce that Chris Brandt, interim vice president for technology transfer, will be in the College of Engineering for open office hours to answer all your intellectual property questions.

Have questions regarding intellectual property (copyrights, patents or trademarks)? Unsure of when to disclose what you are working on, or when it’s best to publish your papers? Please stop by during the times listed below and speak with Chris. All office hours will be from 2:30 – 5 p.m., in Rathbone 1044.

May 26  June 23  July 28  August 25