GREETINGS & WELCOME TO THE BIG TEN+ GRADUATE SCHOOL EXPO!

I am excited to welcome you to this year’s Big Ten+ Graduate School Expo. This is a valuable event as you consider graduate educational opportunities in engineering, mathematics, the sciences, technology, and other disciplines.

I would like to also take this opportunity to welcome you to Purdue University, your host for this event. Purdue’s beautiful campus, as I trust you will see, is home to more than 8,000 graduate students across more than 80 programs. With students from all 50 states as well as more than 120 countries around the world, our environment is diverse and welcoming. We are proud to have you here.

My hope is that you take advantage of the many opportunities offered to you throughout the Expo. I encourage you to ask many questions over the next two days, learn from the schools in attendance, participate in the workshops, and network during social activities. Begin to picture yourself at various graduate schools, and think about which program is ideal for you.

Again, welcome to Purdue University and enjoy the Expo.

Sincerely,

M. J. T. Smith, Ph.D.
Dean of the Graduate School, and Birck Professor of Electrical and Computer Engineering
Purdue University

A SPECIAL THANKS TO OUR SPONSORS

Purdue Engineering  Purdue Science  Purdue College of Technology  Purdue Graduate School
GENERAL INFORMATION

**Attire:** Wear your name badge at all times – it will be needed to enter all Expo activities. Recommended attire for Sunday’s activities, including the Welcome Dinner, is casual. Attire for Monday’s Expo events is business casual (dress pants or skirt and shirt or blouse; suits are fine, but not necessary).

**Parking:** Parking is available in the Grant Street Parking Garage, located east of the Purdue Memorial Union (PMU). Parking is free on Sunday and for guests of the Union Club Hotel. Monday’s parking passes may be picked up when you return your evaluation form to the check-in table at the West entrance of the South Ballroom.

**Restrooms:** A women’s restroom is located outside the South (recruiter) entrance of the South Ballroom. Men’s and women’s restrooms are located across the hall from the North Ballroom. See the map of the Purdue Memorial Union on page 21.

**Forget something?** A convenience store is located on the first floor of Stewart Center (STEW), just west of the Purdue Memorial Union. A copy shop, BoilerCopyMaker, is located on the main floor of the Purdue Memorial Union.

**Refreshments (Recruiters Only):** On Monday in the Terrace Room (just outside the South Ballroom’s South entrance), during the Grad School Fair, refreshments will be available.

**Wireless Internet:** Wi-Fi is available for registered guests and recruiters. Information about connecting to guest Wi-Fi can be found in your information packet that you received upon check-in. Recruiters may also use an existing Eduroam account.

**Coat Check:** Available across from the PMU Ballrooms for the Grad School Fair on 10/21.

**Airport Shuttles:** Transportation to and from the Indianapolis International Airport is provided for a fee by the Lafayette Limo or Star of America shuttle service. Both services depart from the east entrance of the Purdue Memorial Union. Visit [www.lafayettelimo.com](http://www.lafayettelimo.com) or [www.soashuttle.com](http://www.soashuttle.com) for schedule and fee information.

Shuttle service to and from the Chicago O’Hare Airport is provided for a fee by Express Air Coach. Express Air Coach departs from the Purdue University Airport, Main Terminal. Contact 765-743-3120 or [www.expressaircoach.com](http://www.expressaircoach.com) for schedule and fee information.

*Reservations are strongly recommended for all of these shuttles.*

**Evaluation:** Please take a few minutes to tell us about your experience at the Big Ten+ Graduate School Expo, to help us improve the experience. Evaluations should be handed in on Monday at the registration/check-in table at the west entrance of the South Ballroom. Parking passes may be picked up when you return your evaluation form.

**Questions?** Check with registration/check-in staff or with individuals wearing a Purdue Graduate School shirt. They will be happy to assist you.
For more than 125 years, Purdue University has been a public land-grant university here in Indiana. Here are some interesting facts about your host for the Big Ten+ Grad School Expo.

**The Boilermaker Special (school mascot):** The locomotive design of Purdue’s official mascot celebrates the University’s renowned engineering programs. The first Boilermaker Special was presented in September 1940 and has been used to announce campus events ever since.

**Boilermakers:** The moniker for the University’s athletics teams has become a popular reference for all things Purdue. A reporter first used the name in 1891 to describe the year’s winning football team and quickly gained approval from students.

**Fountains:** Beautiful water fountains adorn Purdue’s campus. A popular student tradition is to make a “fountain run” where students run through the fountains.

**“The Cradle of Astronauts”:** this is a popular term for Purdue due to its role in the United States space program. 23 graduates of Purdue have been astronauts, including the first man to walk on the moon – Neil Armstrong – and the most recent – Eugene Cernan.

**“The Cradle of Quarterbacks”:** 15 former Purdue athletes have gone on to play in the National Football League, accumulating more starts and throwing for more yards than those from any other school.

**Notable Alumni:**

- Neil Armstrong, NASA Astronaut
- Chesley “Sully” Sullenberger, Pilot of US Airway flight 1549 (Miracle on the Hudson)
- Amelia Earhart, Aviator
- Michael L. Eskew, Chairman and CEO of UPS
- Orville Redenbacher, Popcorn Business Leader
- Brian Lamb, Co-Founder, Chairman, and CEO of C-SPAN
- Drew Brees, Quarterback of New Orleans Saints
- Donald Thompson, CEO of McDonald’s
- Herman Cain, Former CEO of Godfather’s Pizza, 2012 Presidential Candidate
- David Crotchwait, African-American mechanical and electrical engineer
- Jerry L. Ross, NASA Astronaut
- Eugene A. Cernan, NASA Astronaut
- Gebisa Ejeta, 2009 World Food Prize Winner
- Ei-ichi Negishi, Nobel Laureate, Chemistry (2010)
- Kevin Gurney & Otto Doering, Nobel Laureates, Peace (2007)
- Herbert C. Brown - Nobel Laureate, Chemistry (1979)
QUESTIONS TO ASK AT THE EXPO

It is important to maximize your time during the Expo. Make a plan and set a few goals you want to accomplish during the Expo. Review the program and make a list of the workshops you want to attend and the institutions with whom you want to meet.

Because there are different types of representatives at the Expo, not all representatives will be able to answer your specific questions. Even if they aren’t from your exact program of interest, they should still be able to tell you about the campus and community. Consider asking these questions:

**Program:**
- Do you have the specific program I am looking for? The terminology may be slightly different.
- When is the application deadline?
- How long will it take to complete the program?
- Is this program ranked?

If an institution sent a representative from the specific program in which you are interested, ask about professors’ and graduate students’ research areas and projects. See if there are research and projects that interest you. You could also ask about job placement rates and what types of jobs graduates obtain.

**Funding:**
- What type of funding do you typically offer graduate students in my program of interest?
- Is funding offered to both master’s and Ph.D. students?
- Is funding guaranteed for the length of my program?
- What kind of insurance and other benefits are included with the funding package?
- Will my tuition and fees be remitted (waived)?

**Community:**
- How big is the institution? How many graduate students does the institution have?
- Is the campus rural, suburban, or urban?
- What is the cost of living? (This is an important question because you want to see how far you can stretch your funding!)

Remember to ask a lot of questions—and write down the answers! Getting the right information at the Grad Expo will make your application and decision making process easier.

*Good luck and enjoy the Big Ten+ Grad Expo!*
SCHEDULE OF EVENTS

Please use pages 20-21 for maps that identify specific locations. Workshop descriptions are on pages 8-9.

SUNDAY, OCTOBER 20, 2013

1:00 pm – 4:00 pm  **Student Registration and Check-In**, Purdue Memorial Union Room 118

2:00 pm – 3:00 pm  **Workshops**, Rawls Hall (RAWL)
  • Life as a Graduate Student (RAWL 1011)
  • Writing Personal Statements for Graduate School (RAWL 1086)
  • Researching Graduate Engineering Programs Using the ASEE Profiles (RAWL 2070)

3:00 pm – 3:15 pm  **Refreshment Break**, RAWL 1071

3:15 pm – 4:15 pm  **Workshops**, Rawls Hall (RAWL)
  • The Who, What, When, Where and Why of Graduate Study (RAWL 1011)
  • Funding for Graduate School – What It’s All About (RAWL 1086)
  • Preparation for and Applying to Biomedical Sciences Programs (RAWL 2070)

4:15 pm – 6:00 pm  **Afternoon Activity** (See registration packet for location and details)

6:15 pm – 8:00 pm  **Welcome Dinner** (Dress is casual)
  **Engineering Students**: PMU East and West Faculty Lounges
  **Interdisciplinary Programs, Science, and Technology Students**: Outside in the tent directly West of STEW, on the Memorial Mall

8:00 pm - 10:00 pm  **“Rack and Roll” Bowling & Billiards Social**, Purdue Memorial Union (PMU)
  (Go down the stairs by the East exit – the exit facing the Grant Street Parking Garage)
MONDAY, OCTOBER 21, 2013

7:30 am – 11:30 am  
**Student Registration and Check-In**  
Purdue Memorial Union (PMU) South Ballroom’s West Entrance

7:30 am – 9:30 am  
**Recruiter Check-In**, Purdue Memorial Union (PMU) Room 118

7:30 am – 8:15 am  
**Students Only Continental Breakfast** (STEW 202)  
(You may only bring bottled water to the Keynote Address)

8:15 am – 9:15 am  
**Keynote Address**, Stewart Center (STEW - Fowler Hall)  
“Be Your Own Best Asset...Meet, Greet & Eat With Style”  
Anthony Cawdron, Events Coordinator at the residence of Purdue’s President

9:15 am – 9:30 am  
**Break**

9:30 am – 12:00 pm  
**Graduate School Fair**, Purdue Memorial Union, North and South Ballrooms  
*Students*: Please enter through the West doors. Doors will open promptly.  
*Recruiters*: Please use the South doors.

12:00 pm – 1:00 pm  
**Lunch**  
*Students*: Lunch will be located in the tent directly west of STEW on the Memorial Mall.  
*Recruiters*: Lunch is on your own. The $10 Boiler Express Card in your registration packet may be used at any restaurant on the lowest level of the Purdue Memorial Union (one floor down).

1:15 pm – 2:15 pm  
**Workshops**, Stewart Center (STEW, 2nd Floor)  
- Speed Networking Event (STEW 214)  
- Cyber Security and Big Data: Graduate Degrees and Careers for STEM Majors (STEW 218 A&B)  
- Paying for Grad School (STEW 218 C&D)

2:15 pm – 2:30 pm  
**Break**

2:30 pm – 3:30 pm  
**Workshops**, Stewart Center (STEW)  
- Graduate Study Across the Pond (STEW 204)  
- Women and Minorities in STEM: Research, and Life, What’s Next? (STEW 218 A&B)  
- Pick Me, Choose Me: How to Make Your Application and Interview Scream Acceptance (STEW 218 C&D)
The Who, What, When, Where and Why of Graduate Study
Jennifer Forney (Indiana University-Bloomington)
As a promising student considering graduate study, your opportunities are abundant! The challenge becomes narrowing the array of choices to determine the best fit in developing a marketable skill set to achieve your professional aspirations. The School of Public and Environmental Affairs (SPEA) at Indiana University-Bloomington is known for professional master’s degrees that transform students into public leaders who are prepared to face the significant policy and environmental challenges both home and abroad. Please consider joining a 10 year professional in the field of admissions/enrollment management to explore the Who, What, When, Where, and Why of Graduate Study.

Funding for Graduate School – What It’s All About
Craig Pierce (Marquette University)
Graduate School is expensive – no doubt about it. But there are a variety of sources of funding, including loans, merit-based assistantships, fellowships and scholarships, and grant-funded awards. While definitions may vary a bit from one institution to another, there are some commonalities. Learn the differences between types and sources of funding, and how to make yourself as eligible as possible to receive financial aid.

Cyber Security and Big Data: Graduate Degrees and Careers for STEM Majors
Bridget Jakub (Carnegie Mellon University)
The technology used by individuals, companies, and governments creates immense amounts of data. This data can be used to improve and inform the marketing, development, and management of a wide array of products and services. It can also be exploited by criminals, corporate and government spies, and terrorists. STEM students are well-positioned for success in data security and analytics, fields where demand for qualified professionals is outpacing the supply of qualified employees. This session will describe careers in cyber security and big data and provide an overview of graduate degrees to connect you to those careers.

Writing Personal Statements for Graduate School
Douglas Flowe (University of Rochester)
Each year thousands of ambitious undergraduate students sit down in front of a blank Word document and endeavor to explain who they are in less than two pages. Graduate applications are often pretty strict affairs but the personal statement is your chance to be creative, interesting, expressive, and personal. This can be a daunting task but one that must be approached with a couple of deep breaths and a dose of reality. The creativity implicitly encouraged in the essay does not include fictitious prose and flights of fancy. A personal statement is not an opportunity to create a fictional super-student who doesn't exist. Instead, it is a chance to show the graduate school selection committee that you have an interesting perspective to contribute to their program; that you have experiences that ensure your success in graduate school; and that your commitment and enthusiasm will likely sustain you through the trials and tribulations of a graduate program.

Life as a Graduate Student Panel Discussion
A panel of current graduate students from Purdue University will discuss their experiences and give you a first-hand account of what you can expect if you choose to go to grad school. Topics will include work-life-academics balance, when and why they chose to pursue an advanced degree, and provide advice for undergraduates who want to prepare for graduate studies.

Paying for Grad School
Cyndi Lynch (Purdue University)
This session will cover the basics of how to fund your graduate education along with strategies for success. We will discuss how to identify funding opportunities and how to develop successful applications.
WORKSHOP DESCRIPTIONS

Researching Graduate Engineering Programs Using the ASEE Profiles
Bruce A. Lindvall (Northwestern University)
Each year all of the ABET accredited engineering schools in the United States submit an 85-page questionnaire that provides a wealth of information about the faculty, enrolled undergraduate and graduate students, and undergraduates and graduates who graduate each year. There is also information about funding expenditures in each department. This website, ASEE Profiles, is open to the public, but no one is aware of it. Students have attended the workshop in the past several years and then teach others how to use this to research graduate engineering programs. The website contains details that are not available in the US News and World Report Rankings.

Pick Me, Choose Me: How to Make Your Application and Interview Scream Acceptance
Arin L. Miller (Keck Graduate Institute)
Make your application and interview stand out among the rest. We can give you the insider tips on how to have an application that jumps before the others and a solid interview that demonstrates your graduate school potential. What is your target admissions representative looking for? The do's and don'ts of an application and the key questions to prepare you for a winning interview.

Preparation for and Applying to Biomedical Sciences Programs
Stuart Ravnik (University of Texas-Southwestern)
Preparing for and applying to graduate programs in the biomedical sciences presents some significant differences from applying to graduate programs in general. Two of the most important aspects in preparation are a strong desire for scientific exploration and preliminary knowledge of what it takes to succeed in graduate school and a future scientific career. This workshop will discuss these points at length and examine what potential students can do to prepare for these aspects and, more importantly, demonstrate to admissions committees that they have what it takes.

Women and Minorities in STEM: Research, and Life, What's Next?
Lorena Shank (The George Washington University)
With so many options available to students, this workshop will dissect the decision making process a student goes through when deciding to pursue research, employment or another venture after completing their undergraduate degree. This workshop is directed to women, first generation, and minority students who are trying to decide what their next step after graduation should be. The importance of networking and using mentors to assist with this difficult process will be addressed, as well as additional funding opportunities for women and minorities.

Graduate Study Across the Pond
Anne-Marie Bruner-Tracey (University of East Anglia)
This workshop serves as an introduction to the British Higher Education sector, focusing on graduate programs, with the goal of making the possibility of an international graduate qualification accessible to US students and professionals. Delivered with a practical approach, we will cover the differences of UK academic style, the general application process, and discuss how students might finance an international degree (often less difficult and less costly than one might think!). In the global idea marketplace, international experience contributes to both personal and transferrable skills and dramatically increases employability. Join us to see yourself outside the norm.

Speed Networking Event
Speed networking is a professional development activity for students to improve on their interpersonal communication skills. It is an efficient, face-to-face professional networking model similar to “speed dating”, that enables participants to practice one-on-one focused conversations lasting about five minutes. It’s organized chaos – loud, energetic, and fun! Be sure to think about what you might say about your background and goals before the workshop, and come prepared to practice networking with recruiters and other students!
BE YOUR OWN BEST ASSET...MEET, GREET & EAT WITH STYLE

Anthony Cawdron is the Events Coordinator and House Manager at 'Westwood', The Purdue President’s official residence. This is a position he also held at Iowa State University before making the transition to Purdue twelve years ago with now president emeritus Martin Jischke. He continues to manage the day-to-day operations of the house and oversees the events and entertaining for Purdue’s twelfth president, Mitch Daniels.

Anthony teaches business etiquette and advanced service courses in the Hospitality and Tourism Management department at Purdue. He has a Masters degree in Hospitality and has held a variety of positions including banquet manager, restaurant manager, hospitality faculty in Switzerland and three years as a butler in two of England’s finest stately homes; Blenheim Palace and Sutton Place.

DISCOVER. INNOVATE. ACHIEVE.

At Worcester Polytechnic Institute, graduate students work in teams with faculty who challenge them to conduct research that matters in the real world.

Discover WPI—a premier university for graduate studies in science, engineering, and business.

Visit WPI’s table at the Big Ten+ Grad Expo.

grad.wpi.edu

WPI
HOW TO RESEARCH GRADUATE SCHOOLS

The Big Ten+ Graduate School Expo is one way to research graduate schools; you will be able to meet with dozens of prestigious schools throughout this event. As you continue to refine your search, be sure to consider some of these other avenues for identifying potential graduate schools:

- Professors and Advisors
- Professionals in your field of interest
- Current graduate students
- Professional organizations and conferences
- Research publications/professional journals
- Career centers
- Graduate school guides and major publications
- University websites and other online resources

NOTE: Some guides only include schools which pay to participate, and some rankings are controversial in their methodology. Make sure you do not put too much weight on one guide/list.

QUESTIONS TO ASK DURING A CAMPUS VISIT

Visiting a prospective graduate school’s campus is a great way to identify whether or not that school is a “fit” for you. It is important to think about questions to ask when you’re on campus so you will have a realistic understanding of what that school will be like.

Questions for Potential Advisors:
- What projects are you working on currently? (Learn the professors main areas of research)
- What are your expectations of your graduate students?
- How many graduate students have you mentored?
- What is the average length of time it has taken your last few graduate students to graduate?
- How many grad students do you have now?

Questions for Current Graduate Students:
- What is it like working for _________?
- What’s your favorite thing about the program here?
- What’s your least favorite thing about the program here?

NOTE: Keep in mind you may get very different answers from a brand new first year student than you will get from a 5th year student in the middle of writing a dissertation.
<table>
<thead>
<tr>
<th>BOOTH #</th>
<th>INSTITUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>Michigan Technological University - Graduate School</td>
</tr>
<tr>
<td>53</td>
<td>Missouri University of Science and Technology - Graduate Studies</td>
</tr>
<tr>
<td>59</td>
<td>New York University - Center for Urban Science and Progress</td>
</tr>
<tr>
<td>69</td>
<td>New York University Polytechnic Institute - Graduate Enrollment Management &amp; Admissions</td>
</tr>
<tr>
<td>85</td>
<td>North Carolina State University - Engineering Online</td>
</tr>
<tr>
<td>78</td>
<td>North Dakota State University - Graduate School</td>
</tr>
<tr>
<td>31</td>
<td>Northwestern University - McCormick School of Engineering &amp; Applied Science</td>
</tr>
<tr>
<td>32</td>
<td>Northwestern University - School of Law</td>
</tr>
<tr>
<td>44</td>
<td>The Ohio State University - Graduate School*</td>
</tr>
<tr>
<td>1</td>
<td>The Ohio State University - College of Engineering</td>
</tr>
<tr>
<td>42</td>
<td>The Pennsylvania State University - College of Medicine</td>
</tr>
<tr>
<td>96</td>
<td>Princeton University - School of Engineering and Applied Science</td>
</tr>
<tr>
<td>15</td>
<td>Purdue University - College of Engineering</td>
</tr>
<tr>
<td>16</td>
<td>Purdue University - College of Engineering</td>
</tr>
<tr>
<td>17</td>
<td>Purdue University - College of Science</td>
</tr>
<tr>
<td>18</td>
<td>Purdue University - College of Science</td>
</tr>
<tr>
<td>22</td>
<td>Purdue University - College of Technology</td>
</tr>
<tr>
<td>14</td>
<td>Purdue University - Diversity Programs and Cultural Centers</td>
</tr>
<tr>
<td>21</td>
<td>Purdue University - Industrial and Physical Pharmacy</td>
</tr>
<tr>
<td>23</td>
<td>Purdue University - Krannert School of Management</td>
</tr>
<tr>
<td>19</td>
<td>Purdue University - Midwest Alliance for Graduate Education and the Professoriate (AGEP) &amp; Summer Research Opportunities Program</td>
</tr>
<tr>
<td>20</td>
<td>Purdue University - Office of Interdisciplinary Graduate Programs</td>
</tr>
<tr>
<td>79</td>
<td>Rensselaer Polytechnic Institute - Graduate Admissions</td>
</tr>
<tr>
<td>80</td>
<td>Rice University - Professional Master's Programs in Natural Sciences and Engineering</td>
</tr>
<tr>
<td>97</td>
<td>Rochester Institute of Technology - Graduate Enrollment Services</td>
</tr>
<tr>
<td>67</td>
<td>Saint Louis University - Graduate Admissions</td>
</tr>
<tr>
<td>76</td>
<td>San Francisco State University - Graduate Admissions</td>
</tr>
<tr>
<td>71</td>
<td>Stowers Institute for Medicine - Graduate School</td>
</tr>
<tr>
<td>99</td>
<td>Syracuse University - College of Engineering and Computer Science</td>
</tr>
<tr>
<td>11</td>
<td>Texas A&amp;M University - College of Geosciences</td>
</tr>
<tr>
<td>13</td>
<td>Texas A&amp;M University - Dwight Look College of Engineering</td>
</tr>
<tr>
<td>12</td>
<td>Texas A&amp;M University - Office of Graduate and Professional Studies</td>
</tr>
<tr>
<td>57</td>
<td>Texas Tech University - Graduate School</td>
</tr>
<tr>
<td>82</td>
<td>The University of Akron - Biomedical Engineering</td>
</tr>
<tr>
<td>90</td>
<td>The University of Alabama - Graduate School</td>
</tr>
<tr>
<td>56</td>
<td>University of California, Davis - Graduate Studies</td>
</tr>
<tr>
<td>39</td>
<td>University of California, Los Angeles - College of Engineering</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BOOTH #</th>
<th>INSTITUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>38</td>
<td>University of California, Los Angeles - Master of Financial Engineering Program</td>
</tr>
<tr>
<td>66</td>
<td>University of East Anglia - Graduate Admissions</td>
</tr>
<tr>
<td>62</td>
<td>University of Florida - College of Engineering</td>
</tr>
<tr>
<td>106</td>
<td>University of Glasgow - Graduate Programs</td>
</tr>
<tr>
<td>102</td>
<td>University of Illinois at Chicago - Graduate Admissions</td>
</tr>
<tr>
<td>37</td>
<td>University of Illinois at Urbana-Champaign - Computer Science/College of Engineering</td>
</tr>
<tr>
<td>36</td>
<td>University of Illinois at Urbana-Champaign - Department of Business Administration</td>
</tr>
<tr>
<td>35</td>
<td>University of Illinois at Urbana-Champaign - Graduate Admissions</td>
</tr>
<tr>
<td>9</td>
<td>The University of Iowa - Graduate College</td>
</tr>
<tr>
<td>49</td>
<td>The University of Kansas - Self Graduate Fellowship</td>
</tr>
<tr>
<td>28</td>
<td>University of Michigan - College of Engineering</td>
</tr>
<tr>
<td>27</td>
<td>University of Michigan - Program in Survey Methodology</td>
</tr>
<tr>
<td>95</td>
<td>University of Minnesota - Office of Graduate Admissions</td>
</tr>
<tr>
<td>41</td>
<td>University of Nebraska - Lincoln - Office of Graduate Studies</td>
</tr>
<tr>
<td>104</td>
<td>University of North Dakota - Graduate School</td>
</tr>
<tr>
<td>48</td>
<td>University of Notre Dame - ESTEEM and MSc in Patent Law</td>
</tr>
<tr>
<td>47</td>
<td>University of Notre Dame - Graduate School</td>
</tr>
<tr>
<td>24</td>
<td>University of Pittsburgh - Biomedical Graduate Programs</td>
</tr>
<tr>
<td>81</td>
<td>University of Rochester - Graduate Studies</td>
</tr>
<tr>
<td>60</td>
<td>The University of Southern California - Viterbi School of Engineering</td>
</tr>
<tr>
<td>55</td>
<td>The University of Texas at Austin - Graduate School</td>
</tr>
<tr>
<td>63</td>
<td>University of Texas-Southwestern - Biomedical Sciences</td>
</tr>
<tr>
<td>72</td>
<td>Van Andel Institute - Graduate School</td>
</tr>
<tr>
<td>50</td>
<td>Vanderbilt University - Biomedical Research Education &amp; Training</td>
</tr>
<tr>
<td>51</td>
<td>Vanderbilt University - Department of Chemistry</td>
</tr>
<tr>
<td>52</td>
<td>Vanderbilt University - School of Engineering</td>
</tr>
<tr>
<td>92</td>
<td>Vermont Law School - Institute for Energy and the Environment</td>
</tr>
<tr>
<td>70</td>
<td>Virginia Commonwealth University - Office of Graduate Admissions</td>
</tr>
<tr>
<td>93</td>
<td>Virginia Tech - Graduate School</td>
</tr>
<tr>
<td>8</td>
<td>Washington University in St. Louis - Graduate Programs</td>
</tr>
<tr>
<td>94</td>
<td>West Virginia University - Graduate Admissions</td>
</tr>
<tr>
<td>101</td>
<td>Worcester Polytechnic Institute - Graduate Admissions</td>
</tr>
<tr>
<td>73</td>
<td>Wright State University - College of Engineering and Computer Science</td>
</tr>
<tr>
<td>40</td>
<td>Yale University - Graduate School</td>
</tr>
</tbody>
</table>

* A special "thank you" to those that have 10 years of participation in the Expo - booths are marked with balloons.
2013 Big Ten+ Graduate School Expo

JUST FOR FUN

Sudoku

Word Search

Cryptogram

Key for puzzles on pg. 18
GETTING THE MOST OUT OF THE WORKSHOPS

The schedule on pages 6-7 lists the variety of workshops offered. This is your opportunity to learn from a range of experienced speakers how to make yourself a more competitive applicant. Make sure you read the full descriptions on pages 8-9 of this program, and come to the sessions ready to learn.

Here are some ways to get the most out of the Grad Expo workshops:

• **Identify ahead of time which workshops you want to attend.** Note that some workshops are presented twice, while others are only available once. Mark which sessions you want to attend so that you don’t waste time between sessions trying to decide where to go next.

• **Bring a pen and paper...and USE THEM!** Pretend you are taking detailed notes for someone else, and you are much more likely to capture the important points of the talk. Notes allow you to precisely review the entire conference and have a resource to refer to later. Don’t assume that you will remember.

• **Personalize the information.** Think about how the information being presented directly relates to you. How can you apply it? Personalizing the information in this way makes it more memorable and more useful.

• **Ask questions,** even if you’re afraid it might be a “stupid question.” Don’t miss your chance to make yourself a better graduate school applicant. The Grad Expo is meant to be a learning experience. It is a time to get your questions answered. If you have question, chances are someone else does too.

• If you have several questions after the workshop but don’t have time to ask them right then, **request a time to meet with the speaker** before the end of the Expo. Most speakers will have a booth at the Graduate School Fair and there is also an open lounge area on the first floor of the Purdue Memorial Union where you can sit and talk further.

• **Ask for business cards,** and ask if it is okay for you to contact them with questions after you have thought more about their presentation. Even if you are not sure exactly why you may want to follow-up, get their contact information. You never know when a question might arise down the road that the presenter could answer for you, or when a presenter could help you make another connection.

• **Make a short note on the back of any business cards you collect** about the person – what topic did they present, what might you want to follow up with them on? This will help you remember later who each person is.

• **Thank the speakers.** Introduce yourself, shake their hand, and thank them for their assistance.
The personal statement is your chance to convince an admissions committee that you are not only highly qualified but also a great fit for their program. It is also the place where you can explain any discrepancies on your transcript that you feel might affect your chances of being admitted. It is a lot to fit into a small space (generally no longer than a page or two). Below you’ll find some of the key elements to keep in mind when writing your personal statement:

**Creativity:** Don’t be generic. Remember, admissions committees are reading a lot of personal statements and are looking for someone with the potential to bring fresh ideas and perspectives to their program. What makes you unique and not just another “ideal candidate?”

**Goals:** Before you start writing, take some time to think about where you want graduate school to take you; you’ll want to express your goals in your personal statement. This helps admissions committees know you have thought through your decision to pursue an advanced degree.

**Proofread:** Your statement needs to be well-written. Give yourself time to set it aside after you have written it and then re-read it. This brief “time out” is often enough to help you tweak your document. Ask your family and friends to review it, too. Constructive criticism never hurt anyone.

**Just Do It:** Writing the personal statement can be intimidating, but if you focus too much on editing each painstaking sentence as you write, it is not going to sound honest or convey your most interesting and admirable traits. The best way to write a personal statement is to just start writing from the heart.
Before I started graduate school, I wish I had thought more about the end of graduate school. My statement may seem contradictory and easily dismissed. After all, most of you are likely working strenuously to start your graduate career and ending it has not yet entered the equation. But the truth is graduate school is a journey toward not only a degree but also a professional goal, and reaching that goal is often far more complicated than the prospective graduate student anticipates.

For those of you with dreams of entering academia, learning now the current state of research in your field and the graduate credentials that you’ll need when you start your job search will help you determine your course through graduate school.

For those of you hoping to advance your professional career outside of academia, learning now what areas of specialization are in high demand and how your degree will affect you on the job market will help you organize your studies to be of the most benefit to you.

This weekend, in addition to asking recruiters about your life as a graduate student at their program, also ask them about your future life with a graduate degree from their school:

- What is the job market like in this field?
- Is my area of interest in high demand, and if not, what do I do to overcome low demand?
- Do I need to publish while in graduate school, and are your graduate students successful at publishing their work?
- What job placement assistance and professionalization instruction does your program or university offer graduate students?

Ask recruiters about the most influential journals in your field, and while you are on a research university’s campus, take some time to look at an article or two in our library. Discover the innovative work being done in your area and think about how you want to contribute to it not just in your future career but in your upcoming years as a graduate student.

Enjoy your graduate career; take classes that fascinate you along with classes that will advance you. Follow your interests and your passions, but remember that how you position yourself as a graduate student will directly impact how you are positioned in your profession as you walk off the commencement stage with your graduate degree. Start thinking now about what you want that position to be.
AFTER THE EXPO – WHAT TO DO NEXT?

Here are some suggestions you should think about now that you have attended the Expo:

1. Sort through all the information you gathered from the Expo. Visit the websites of programs that interest you. Review your notes and see if there was anyone you met with whom you would like to follow-up. Were there any “next steps” that workshop presenters or representatives at the Graduate School Fair recommended?

2. Finalize a list of schools and programs to which you want to apply. While you are researching schools, make a list of why you want to apply to that school specifically. This may be asked on an application, and this list will also help you narrow your selections.

3. Find out what standardized tests you will need to get into the program and schedule those tests. Be sure to give yourself enough time to study.

4. Update your résumé and determine who you will ask to write your letters of recommendation. Give them plenty of advance notice.

5. Start working on drafts of your statement of purpose. Make a list of your research, teaching and professional or internship experiences. List the experiences and what you learned.

Every program and every application is different. To help yourself stay organized, create a file for each program to which you plan to apply. Keep all your application materials in that folder, including:

- A checklist of the application requirements
- Contact information for the program and the graduate school
- Any notes about contacts you make
- Copies or print-outs of your application and statement of purpose
- A list of people you asked to write recommendation letters – and check them off as the letters are completed and received by the graduate school

Cryptogram: Celebrating ten years for graduate programs at the expo in the fields of engineering, mathematics, science, and technology

<table>
<thead>
<tr>
<th>2</th>
<th>3</th>
<th>6</th>
<th>4</th>
<th>8</th>
<th>5</th>
<th>7</th>
<th>1</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>5</td>
<td>1</td>
<td>7</td>
<td>3</td>
<td>6</td>
<td>2</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>7</td>
<td>4</td>
<td>8</td>
<td>1</td>
<td>9</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>7</td>
<td>6</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>6</td>
<td>9</td>
<td>3</td>
<td>2</td>
<td>8</td>
<td>5</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>7</td>
<td>5</td>
<td>6</td>
<td>1</td>
<td>9</td>
<td>8</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>9</td>
<td>7</td>
<td>8</td>
<td>6</td>
<td>4</td>
<td>1</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>4</td>
<td>2</td>
<td>5</td>
<td>3</td>
<td>9</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>3</td>
<td>8</td>
<td>2</td>
<td>9</td>
<td>7</td>
<td>1</td>
<td>4</td>
<td>6</td>
<td>5</td>
</tr>
</tbody>
</table>

Engineering Graduate Programs at Northwestern University

The McCormick School of Engineering offers PhD and MS options in:

- Biomedical Engineering
- Chemical and Biological Engineering
- Civil and Environmental Engineering
- Electrical Engineering and Computer Science
- Engineering Sciences and Applied Mathematics
- Industrial Engineering and Management Sciences (PhD only)
- Materials Science and Engineering
- Mechanical Engineering
- Technology and Social Behavior (PhD only)
- Theoretical and Applied Mechanics

In addition, McCormick offers interdisciplinary degree programs and part-time options for working professionals. www.mccormick.northwestern.edu/graduates/ebrochure/
The financial cost of an advanced degree may be daunting, but most universities offer funding to a high percentage of their admitted graduate students! If you can secure funding, you will likely receive full or partial tuition coverage, health benefits, and a monthly stipend to help with the cost of living. Here are the three main types of funding that exist:

- Fellowships: may be through the government, an independent organization, or the university. Most universities have a database where students can search for opportunities. Internet searches are another great tool in locating potential fellowships.

- Assistantships: may come in the form of a teaching, research, or administrative/professional assistantship. Your graduate school application will likely have an option to request that you be considered for one of these positions. It is also a good idea to contact your program of interest well in advance of the application deadline to discuss funding opportunities within the department.

- Loans: may be an option in some situations. You may be able to qualify for federal or private loans to cover your educational expenses or to supplement a fellowship or assistantship.

If you receive a fellowship or assistantship and your tuition is covered, that’s great news! However, you also want to be sure that your monthly stipend is enough to cover your cost of living, which can vary considerably depending on where the institution is located. Do your homework! Money may be tight no matter what opportunities you secure, but keep in mind that your hard work will pay off!
Leaving the Expo

Exit the Grant Street Parking garage and turn right. Proceed 3 blocks to Salisbury Street and turn left. At the first stop light, make a right onto the ramp down to River Road. Turn right and proceed to the 2nd light (State Street).

Do either of the following:

To Chicago, Fort Wayne, Indianapolis, and South Bend:
Turn left onto State Road 26 (State Street) and proceed 4 miles through Lafayette to I-65.

To Champaign, Crawfordsville, St. Louis, and Terre Haute:
Go straight on U.S. 231 (River Road). Proceed on to I-74 (Crawfordsville) or I-70 (Cloverdale).
TRAVEL SCHOLARSHIP RECIPIENTS!!!

Don’t forget:
• Pick up an addressed envelope from the registration/check-in table to return your receipts to Purdue.
• Complete the reimbursement form.
• Return all receipts by December 5th!

More details are available at: http://www.gradschool.purdue.edu/gradexpo/scholarships/eligibility.cfm
GRADUATE STUDIES IN ENGINEERING

RANKED 6TH AMONG PUBLIC INSTITUTIONS
13 DEPARTMENTS
47 GRADUATE DEGREES
ENDLESS POSSIBILITIES
The University of Indianapolis full-time, one-year MBA—the experience you need.

Program highlights:

— Classes are held on campus 8 a.m.–11 a.m., Monday–Thursday
— Students take 4 or 5 courses per term (3 terms total), totaling 42 credit hours
— Tuition includes a laptop, program software, an international trip, and a personal career coach
— Cohorts are limited to 25 students
— Courses are taught by industry-experienced UIndy faculty
— Program is fully accredited by the Accreditation Council for Business Schools and Programs
— Convenient campus housing is available

Students of all academic majors are eligible to apply and may submit GMAT or GRE scores (GMAT is preferred).

To learn more or schedule a campus visit, contact us at:
mba@uindy.edu | (317) 788-3340 | www.mba.uindy.edu/pgf