



ABE-GSA Biweekly Update

Purdue ABE Graduate Student Association
March 21, 2016 • News & Announcements

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[ABE-GSA Facebook](#)

[ABE-GSA Calendar](#)

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ABE-GSA wants
your feedback on
#GradLife.
[Comment Here.](#)



SPRING ABE-GSA EVENTS – MARK YOUR CALENDAR! 😊

- **Mon 3/21 Birthday Bash at 3pm in ABE 301** – featuring Nepalese food!
- **Wed 3/23 Quarter Zip Sweatshirt Orders & Payment due!**
 - All orders and payments (in the form of cash or check to ABEGSA) must be given to Rachel Sparks or Julia Burchell by this date.
- **Fri 3/25 Cultural Potluck (Time & Location TBA)**
- **Sat 4/09 Springification & Boiler Blast Volunteer Opportunity**
 - Similar to Winterization, this is an opportunity for Purdue students to help the community. To sign up, [visit this link](#) and list “ABE GSA” when asked what group you want to register with.
- **Sat 4/16 Spring Fest (Purdue campus)**
- **Wed 4/20 at 5:30 pm: ABEGSA Officer Elections in ABE 301**
 - If you are curious about being an ABEGSA Officer (in general or a specific position), feel free to contact any of the current officers listed on the left.
- **Thur 4/21 Undergrad Capstone Poster Judging (ADM, time TBA)**
- **Fri 4/25 at Noon: Outdoor Fitness Class with Dance & Yoga**

PHOTOS FROM SOUP KITCHEN VOLUNTEERING 3/10/16



**** Fall 2016 Course Announcement ****

ABE 591

(3 credits)

Water, Technology and Society

Nobel Laureate Richard Smalley coined the term World's Grand Challenges. Water, Food and Energy are three of the top grand challenges for humanity and each have significant impacts on the other seven.

In the coming century water will become increasingly important for the growth and wellbeing of societies. Engineers and social scientist will need to work together to resolve issues of access, availability and water rights. Over the centuries irrigated agriculture has consumed the lion's share of available fresh water for the production of food and fiber and in some cases with a significant negative impact on the environment. Recent increases in the use and production of energy has in some cases exacerbated the issue. The nexus of water, food and energy is truly one of the great challenges of our time.

The purpose of this course will be to explore the issues of water, technology and society in the context of engineering, economics and social justice. Students will be introduced to the principle uses and consumption of fresh water including agriculture, industry and domestic uses. Issues such as virtual water distribution and economics will be discussed in the context of various countries and river systems around the globe. As global climate change becomes a factor in the availability of water, engineers and social scientists will need to come up with new and unique sustainable systems for the use of world water.

The course is open to graduate students and senior undergraduate students majoring in engineering, agriculture and social sciences. Students who take this course would benefit from having courses in environmental science and engineering, political science and economics as well as having strong background in math and science.

The course will be offered;

Tuesday and Thursday from 12:00 – 1:15 pm

For further information please feel free to contact the instructor;

Dr. Vincent F. Bralts
Tel: 494-1179 / 412-6571
Email : bralts@purdue.edu

• The World's Grand Challenges ...

- Energy
- Water
- Food
- Environment
- Poverty
- Terrorism & War
- Disease
- Education
- Democracy
- Population

