Learning@Lunch: Sustainability

Seamans Center – Feb. 15, 2018
Stanley Hydraulics Lab – Feb. 22, 2018
The National Advanced Driving Simulator – Feb. 28, 2018

Presented by the Sustainability Committee of Engineering Staff Advisory Council
Sponsored by College of Engineering Human Resources
ESAC Representatives

- Sarah Lobb, President – SC
- Blake Rupe, Vice President – SC
- Kristina Venzke, Treasurer – SC
- Dawn Marshall, Secretary – The NADS
- Jacob Heiden – The NADS
- Ashlee Johannes – SHL
- Rachel Marek – SC

https://www.engineering.uiowa.edu/ESAC
Purpose of ESAC:
- Facilitate communication within the College of Engineering
- Represent staff concerns to College Administration
- Ensure staff involvement in committees and discussions that affect College of Engineering staff
- Promote local community service, social, and other events

Any College of Engineering staff may attend the ESAC meetings held the **fourth Thursday of each month at 8:30am** – check ESAC website for location

Any staff is welcome to join one of the ad hoc committees
Current Ad Hoc Committees:
1. **Social Events** (now including Get to Know the College): Connect and engage staff across engineering units to encourage the exchange of ideas
2. **Publicity** (now including Welcome/Goodbye): Promote operations by maintaining active communication outlets and increasing engineering staff involvement
3. **Community Service**: Support College of Engineering staff to serve their community through partnerships with local agencies, including the Johnson County Crisis Center and Hawkeye Area Community Action Program (HACAP)
4. **Sustainability**: Increase awareness for sustainability efforts, encourage participation in campus initiatives, and explore new opportunities to reduce the College of Engineering footprint

Standing Committees:
1. Executive Committee
2. Bylaws/Policies & Procedures Committee
3. Elections Committee
4. Staff Award Evaluation Committee
UI Office of Sustainability
https://sustainability.uiowa.edu/

Current Status of the Office of Sustainability:

- Currently in Facilities Management
- Proposed to envelope into CLAS to coordinate academic programming, interdisciplinary research, and student engagement
- Renamed to “UI Office of Sustainability and the Environment”
- No other proposals on the table

The University of Iowa Office of Sustainability was created to be a focus point for sustainability activities on campus and to expedite action and change!
Get involved in RecycleMania!

https://sustainability.uiowa.edu/
RecycleMania Week 2 Challenge

https://sustainability.uiowa.edu/

Where is "away" when you throw something away?

- Become more aware of where waste and recycling go
- Learn what happens after it goes "away"
- Find out why recycling right is so important

Want to learn more about ESAC?
engineering.uiowa.edu/ESAC
RecycleMania
Week 3
Challenge
https://sustainability.uiowa.edu/

How to Properly Recycle Cardboard

- Most cardboard can be easily recycled, which is one reason why this material was recently banned from the Iowa City Landfill.
- 8 activities for this week – complete at least ONE
- Tabling event at IMU from 2-4 pm on Thursday
RecycleMania
Week 4 Challenge

https://sustainability.uiowa.edu/

NO PLASTIC BAGS

- Plastic bags, plastic wrap, and plastic film can only be recycled if they are collected separately, since these items can get tangled in the single-stream process machine
- Learn about where you CAN recycle these items
- Participate in Plastic-Free Tuesdays, a global movement
- Plastic Paradise screening this Thursday at 6:30 pm in 100PH
Pledge to be an Eco Hawk!

What is an Eco Hawk?
- A network of students, staff, faculty, and community members committed to advancing the University of Iowa’s 2020 Sustainability Vision

What are the benefits of being an Eco Hawk?
- Receive monthly sustainability newsletters highlighting success stories, progress updates, tips, national news, and more

How do I become an Eco Hawk?
- Visit: https://sustainability.uiowa.edu/eco-hawks/
Items that **CAN** be recycled on UI Campus…
Items that CANNOT be recycled on UI Campus…

- No recycle symbol on the plastic container? Throw it out!
- Dirty? Rinse it, wipe it out, or throw it out!
- When in doubt, throw it out!
- Recycling bins contaminated with >10% waste will be sent to the landfill

Can we recycle any of these items elsewhere?
Plastic bags, plastic film, and glass **CAN** be recycled at the following Iowa City Centers:

- **Republic Services Center**, 3 E. Benton St, Iowa City
  
  _2/23/2018: Republic location indefinitely suspended drop-off due to warehouse fire_

- **East Side Recycling Center**, 2401 Scott Boulevard SE, Iowa City

- **IC Landfill and Recycling Center**, 3900 Hebl Ave SW, Iowa City
TerraCycle: Recycling other items

- **College of Dentistry:** drop off any brand toothbrush, toothpaste, and floss containers
- Learn more about the TerraCycle Program and other items that your building can start recycling: [https://www.terracycle.com/en-US](https://www.terracycle.com/en-US)

TerraCycle’s global impact

- PEOPLE RECYCLING: 63,758,073
- WASTE RECYCLED: 3,783,212,164
- MONEY FOR CHARITY: $15,623,511

Buildings/units can start their own TerraCycle programs!
Re-using Packing Materials

- Partnership with Mailboxes of Iowa City: full bags picked up and re-used
- Current Results in SC:
  - 80.5 gallons bubble wrap
  - 149.5 gallons peanuts
  - 268 gallons air pockets
- Also available to students, faculty, and staff to re-use for own purposes

Location: 4th floor Seamans Center
Composting (food recycling)

- **Existing composting on UI Campus**: Dining Halls and UIHC
- **Use compostable tableware from IMU catering at your campus events** with bins and bags supplied by Office of Sustainability
- **Engineering pilot program**: bins with sealed lids in shared offices in SC, SHL, and the NADS March-June 2018 with Ecocare Supply

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Other Sustainability Efforts

Bring your own...
- Reusable tableware
- Reusable leftovers container
- Reusable mug and water bottle
- Reusable shopping bag

Reduce energy use...
- Turn off computer monitors
- Unplug electronics (e.g. coffee pot, heaters, fans)
- Support local businesses
- Limit use of personal vehicle for commuting

Adopt a FREE water bottle or travel mug from Office of Sustainability!
**Sustainable Commuting Options**

[https://transportation.uiowa.edu/](https://transportation.uiowa.edu/)

**Bus**
- U-PASS monthly pass
- Non-expiring discounted 20-ride pass for Iowa City or Coralville transit
- Use BONGO (app, website, text, phone) for real-time bus information

**Van Pool**
- University-owned van or volunteer driver
- Riders pay monthly fee (pre-tax deduction)
- Current Van Pools: [https://transportation.uiowa.edu/van-pool-communities-0](https://transportation.uiowa.edu/van-pool-communities-0)

**Bicycling**
- Bike rack often closest parking option
- BIKESHARE coming soon

**Emergency ride home:**
Bus pass and van pool members can be reimbursed up to $100 per year for taxi/uber/lyft for personal emergency and illness during work hours

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Sustainable Commuting Options

https://transportation.uiowa.edu/

Carpool
- UI RIDESHARE network matches you with faculty, staff, students who are also looking for van pool, car pool, and single trips
- Buddy options for walking, bicycling, and public transit

Zipcar
- Convenient rental car share
Annual SC waste

- Current: ~15% waste diversion
- University-wide goal by 2020: 60% waste diversion
- Possible at SC: ~70% waste diversion!
Annual SHL waste

- Current: ~25% waste diversion
- University-wide goal by 2020: 60% waste diversion
- Possible at SHL: ~75% waste diversion!

- 9,800 lbs. landfilled
- ~2,940 lbs. compostable
- ~2,940 lbs. recyclable
- 3,191 lbs. recycled
Current: ~52% waste diversion
University-wide goal by 2020: 60% waste diversion
Potential at NADS: ~72% waste diversion!
Sustainability Actions

You can help:
- Recycle right
- Use TinyTrash: reduces cost and waste from trash can liners
- Host a composting bin or compost at your next event
- Start a recycling campaign with TerraCycle
- Host a packing materials re-use station
- Join Earth Day events – 4/22

Questions?
- Office of Sustainability: sustainability@uiowa.edu
- ESAC Sustainability Committee: Blake Rupe, blake-rupe@uiowa.edu

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