

# Learning@Lunch: Sustainability

Seamans Center – *Feb. 15, 2018*

Stanley Hydraulics Lab – *Feb. 22, 2018*

The National Advanced Driving Simulator – *Feb. 28, 2018*

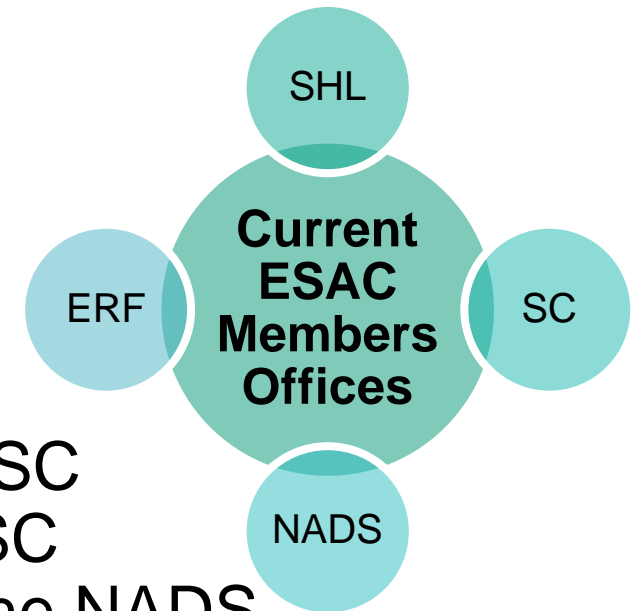


Presented by the **Sustainability Committee of  
Engineering Staff Advisory Council**  
*Sponsored by College of Engineering Human Resources*

# Engineering Staff Advisory Council (ESAC)

## 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>

# Engineering Staff Advisory Council (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**

# Engineering Staff Advisory Council (ESAC)

## Standing Committees:

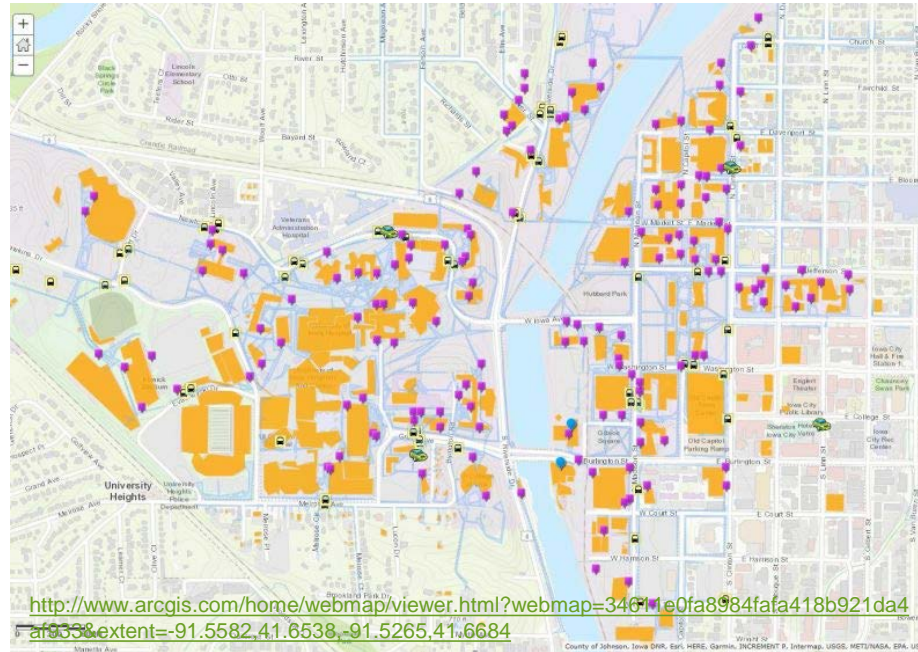
1. Executive Committee
2. Bylaws/Policies & Procedures Committee
3. Elections Committee
4. Staff Award Evaluation Committee

## 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

# UI Office of Sustainability

<https://sustainability.uiowa.edu/>



*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!*

## 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



# Get involved in RecycleMania!

<https://sustainability.uiowa.edu/>



# RecycleMania

RECYCLE LIKE A HAWK  
WIN PRIZES

FEBRUARY 4 — MARCH 31

 SUSTAINABILITY  
THE UNIVERSITY OF IOWA

 RECYCLE  
MANIA  
TOURNAMENT

Log in each week for your chance to win!  
[RECYCLE.UIOWA.EDU](https://RECYCLE.UIOWA.EDU)

# RecycleMania Week 2 Challenge

<https://sustainability.uiowa.edu/>



<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

# 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...

RECYCLE  
LIKE A HAWK



THANK YOU FOR RECYCLING!

 [recycle.uiowa.edu](http://recycle.uiowa.edu) 

ALL RECYCLABLES MUST BE CLEAN AND EMPTY



Plastic  
Containers



Cartons



Metal  
Containers



Cardboard

**FLATTEN!**



Paper  
Products



# 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?*

# Where to Recycle Glass, Plastic Bags, and Plastic Film



**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>



## 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!**



**Air pockets**



**Packing peanuts**



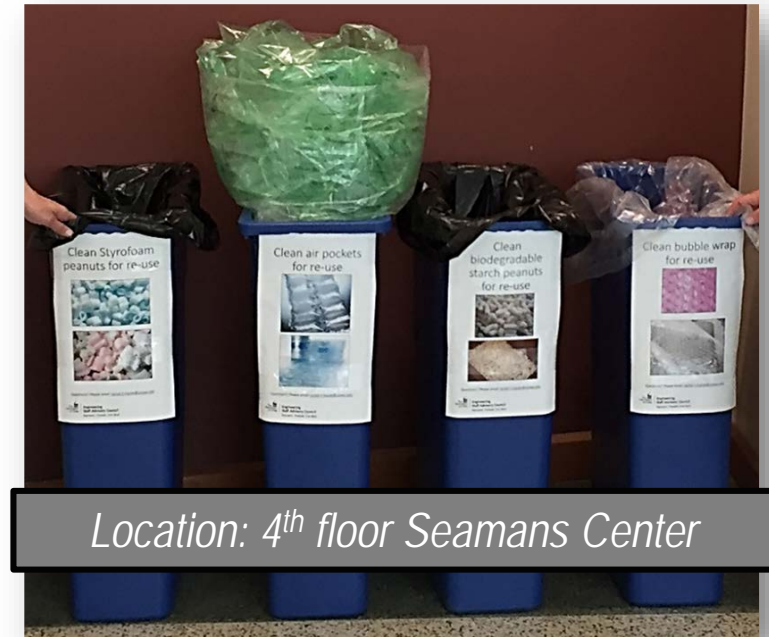
**Bubble wrap**



**Packing foam**

# 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: 4<sup>th</sup> floor Seamans Center*

# Composting (food recycling)



**“biodegradable”  $\neq$  compostable!**

- **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*

# Other Sustainability Efforts

## Bring your own...

- Reusable tableware
- Reusable leftovers container
- Reusable mug and water bottle
- Reusable shopping bag



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



## 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



Want to learn more about ESAC?

[engineering.uiowa.edu/ESAC](http://engineering.uiowa.edu/ESAC)



# Sustainable Commuting Options

<https://transportation.uiowa.edu/>



## Bicycling

- Bike rack often closest parking option
- BIKESHARE coming soon

## 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>

### ***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*



# Sustainable Commuting Options

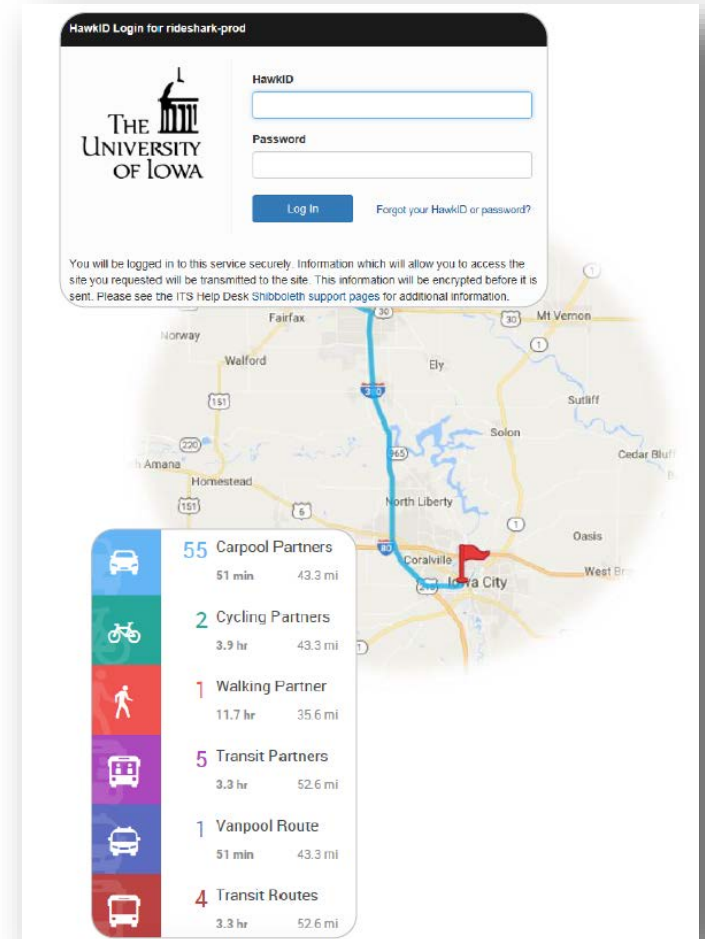
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## Carpool

- 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

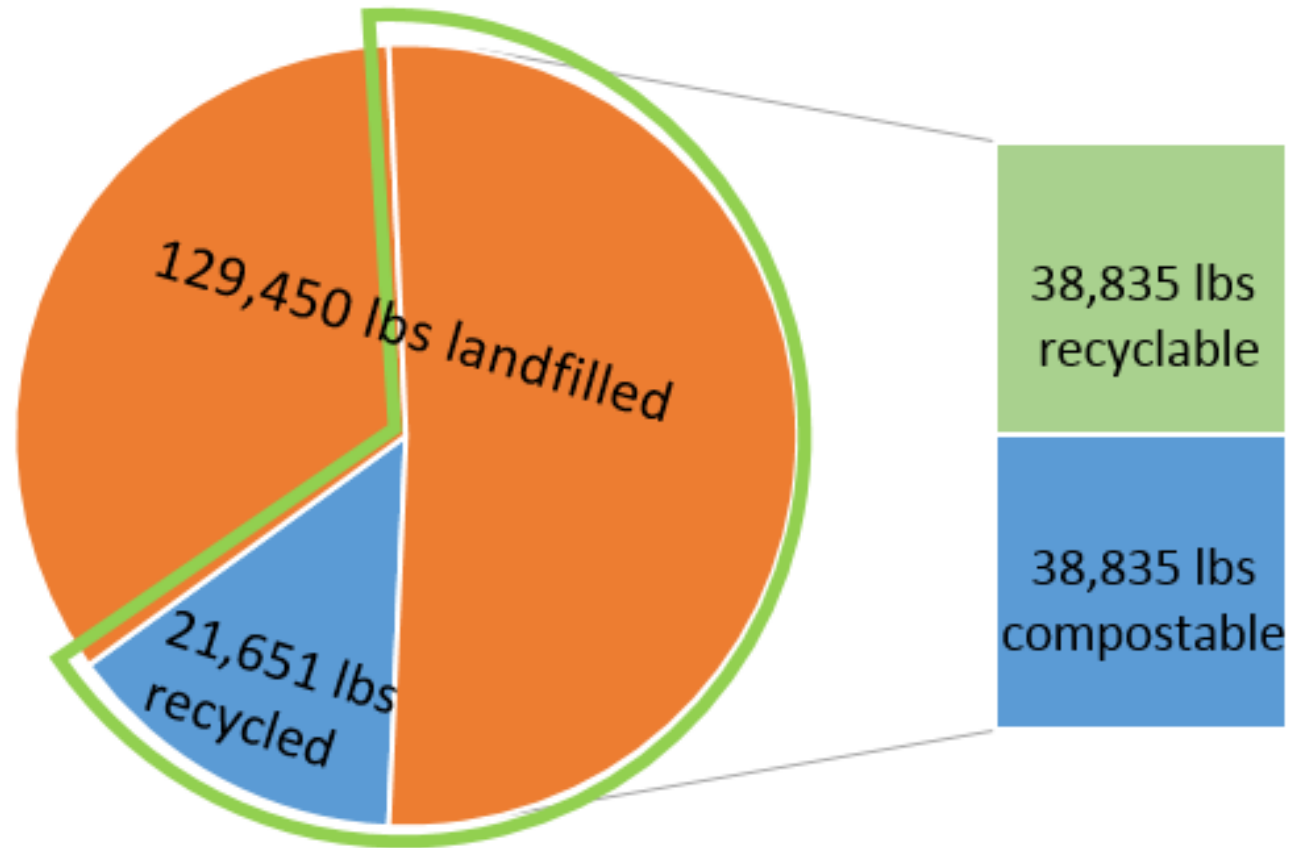
- Convenient rental car share



Want to learn more about ESAC?

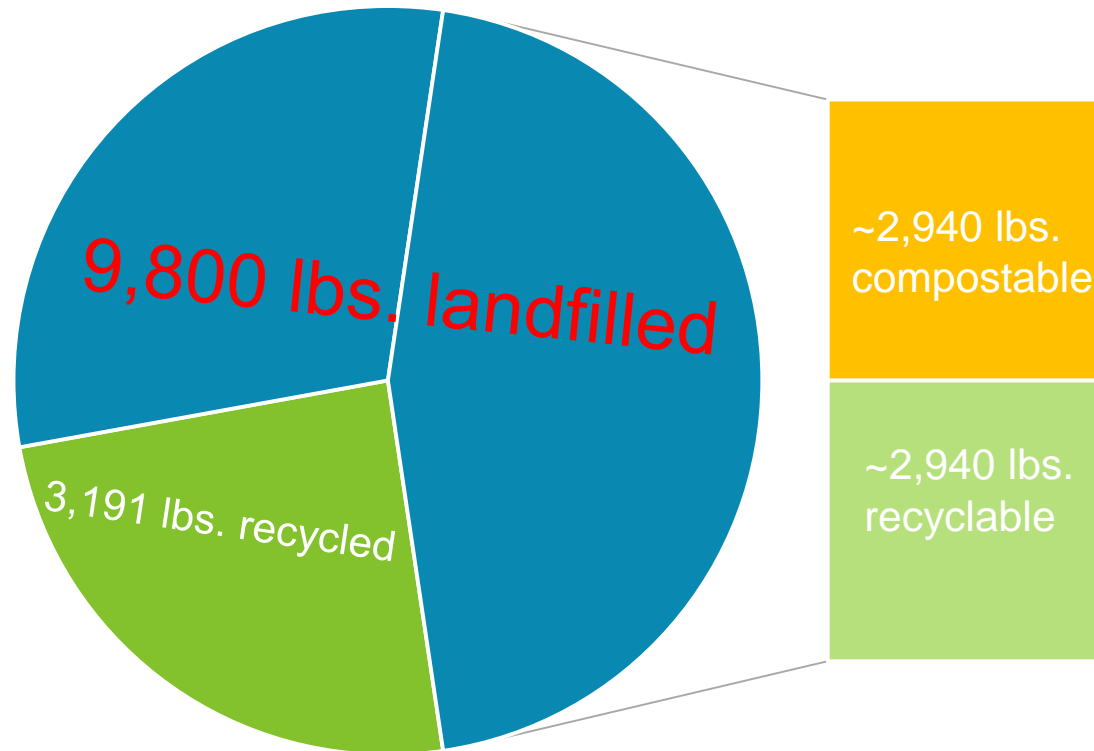
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# Annual SC waste



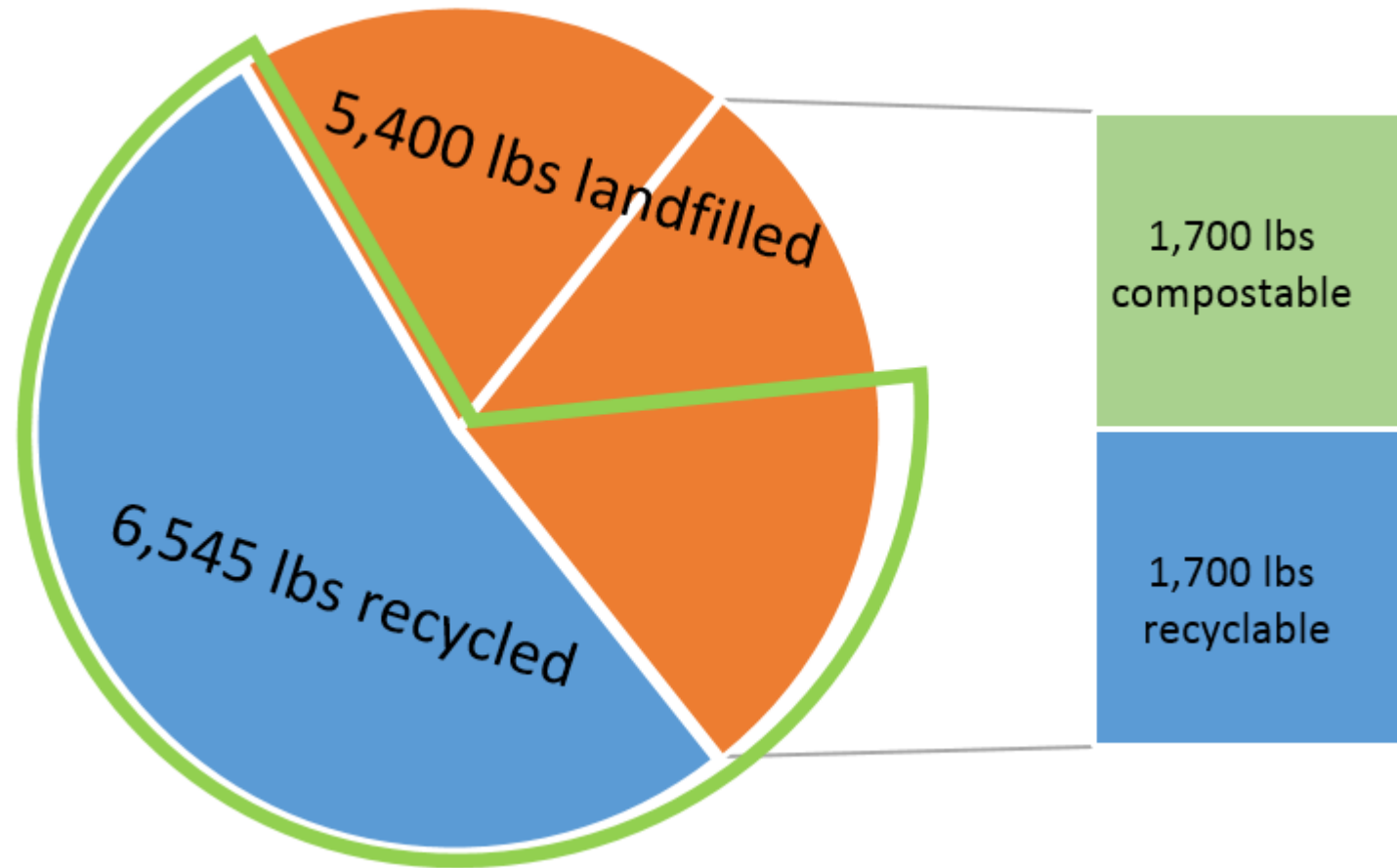
- Current: ~15% waste diversion
- University-wide goal by 2020: 60% waste diversion
- **Possible at SC: ~70% waste diversion!**

# Annual SHL waste



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

# Annual NADS waste



- 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](mailto:sustainability@uiowa.edu)
- ESAC Sustainability Committee: Blake Rupe, [blake-rupe@uiowa.edu](mailto:blake-rupe@uiowa.edu)

Want to learn more about ESAC?  
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