

# Sustainable Materials Management

Turning Trash Into a Resource

Cindy Jackson, Associate Director  
Office of Solid Waste Management & Recycling

[www.recycle.gatech.edu](http://www.recycle.gatech.edu)



# Mission Statement

---

- Encourage and expand recycling opportunities
- Develop waste diversion and reuse programs
- Promote efforts to decrease the amount of waste produced on campus
- Encourage an environmentally conscious campus community



# Outline

---

- Overview
- Statistics
- Operations
- Engagement
- Programs



# Georgia Tech Overview

---

## People:

- 26,839 students
- 7,063 faculty & staff
- Visitors

## Places:

- 239 buildings
- 10 parking garages





# OSWM&R Overview

---



- Recycling History
- Departmental Structure



# Statistics

---

Material	Weight (tons)
How many tons of mixed metal have we collected this year?	
A) 10	
B) 150	
C) 500	

# Statistics

---

Material	Weight (tons)
Mixed Metal	500
Cardboard	449
Mixed Office Paper	202
Confidentials (Shredded Paper)	19
Plastic	18
Glass	13
Clothing and Household Goods	13
Game Day Recycling (Bottles & Cans)	11
Pallets	9
Aluminum Cans	6
Hardback Books	6
Electronics	.4
Nonperishable Food	.3

# Operations

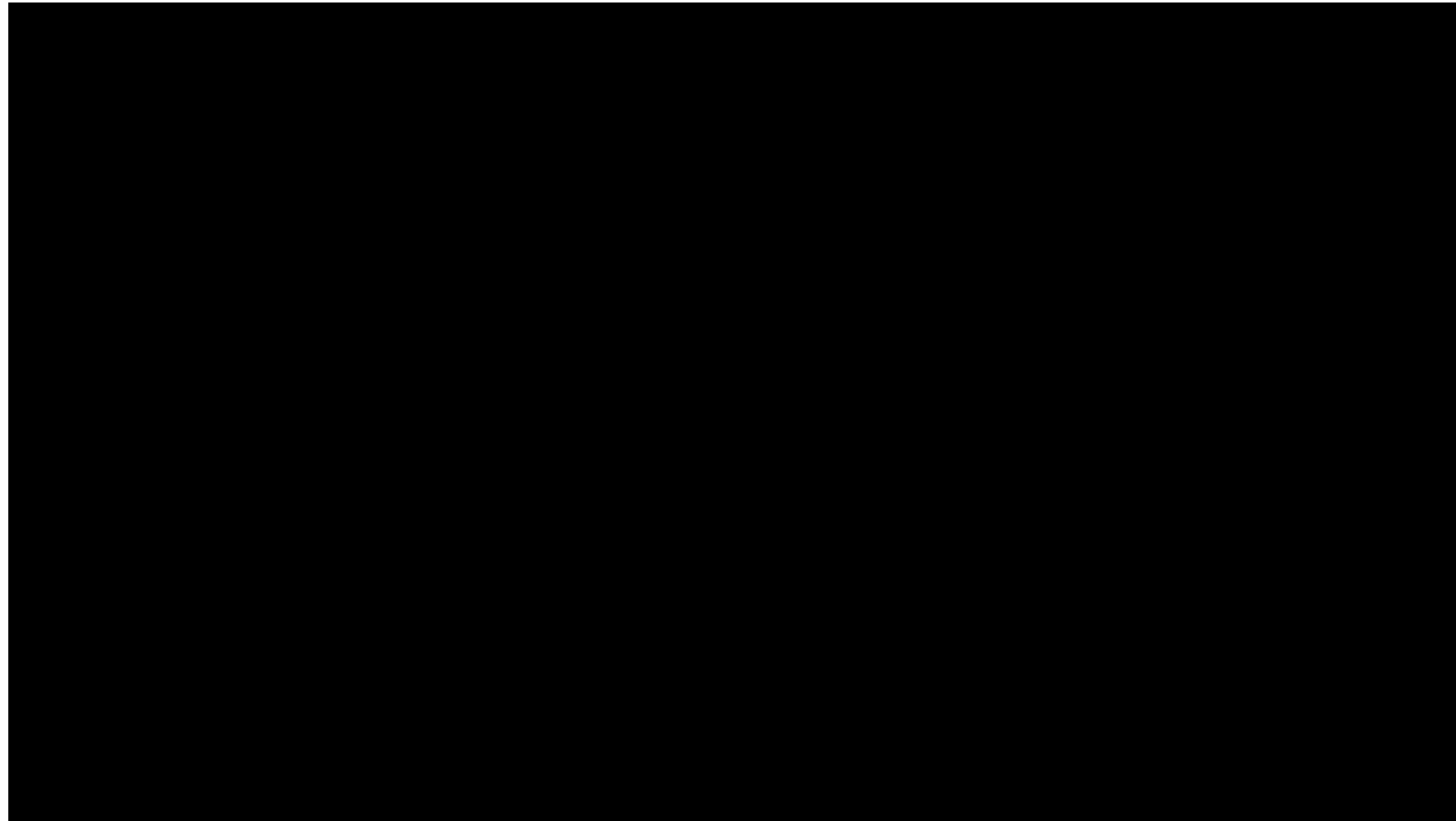


- Paper and Cardboard Pick-up
- Indoor Recycling – Campus Standard
- Outdoor Recycling – 31 sites



# Paper Pickup

---





# Operations

---



- Greeks
- East Main Drop-off
- Confidential/Sensitive Material
- Temporary Containers



# Waste Management Operations

---



Dumpsters: 156

- Trash: 120
- Recycling: 36



Roll-offs: 14

- Trash: 11
- Recycling: 3



Compactors: 15

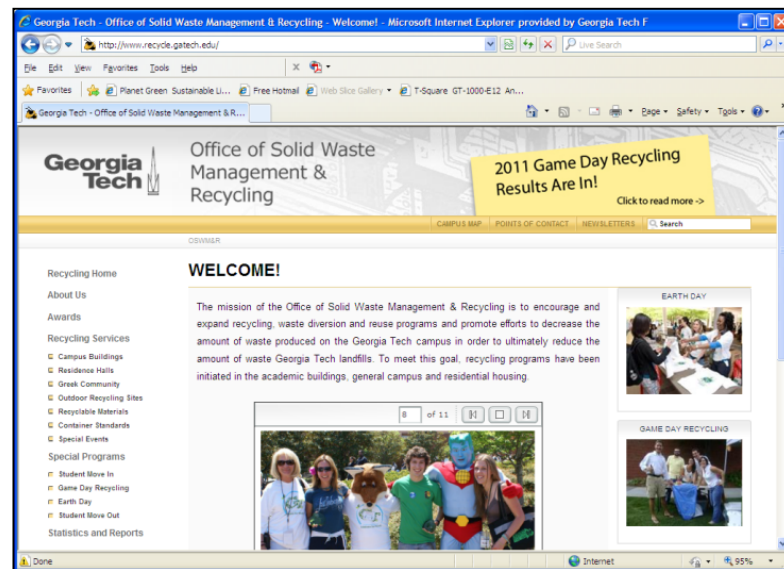
- Trash: 13
- Recycling: 2

**Total: 185**





# PR & Marketing



- Website
- Tabling
- Newsletter
- Logo
- Signage





# Student Involvement

---



- Student Alumni Association
- Class Projects
- Volunteers





# Student Move-In and Move-Out

---



- Cardboard
- Nonperishable food
- Household items and clothes





# AWARE Program

---

Actively Working to Achieve Resource Efficiency



# Program Goals

---



- Behavior change
- 50% reduction in solid waste on campus
- Increased recycling
- Cost reduction





# Potential Impact

### Analysis of solid waste generated in one day at FAB (11.5 lbs)



# AWARE

---



“We in the Carnegie building joined the AWARE program in 2009. It is a simple and effective waste minimization initiative that enables Georgia Tech to use our resources more efficiently. I support the campus wide implementation of this program and encourage your active participation.”

- President G. P. “Bud” Peterson









# Earth Day Festival

---



- Annual event since 1998
- Environmental education
- Live music, free T-shirts and organic popcorn
- Recycling opportunities



# Earth Day Festival

---



Office Supply Exchange



Clothing Swap



Athletic Shoe Recycling



Electronics Recycling





# GAME DAY RECYCLING

GO JACKETS!  
GO GREEN!



[WWW.RECYCLE.GATECH.EDU](http://WWW.RECYCLE.GATECH.EDU)

# 10 Year Anniversary

---



3 million football fans  
have attended games at  
Bobby Dodd Stadium



We have increased the  
game day trash  
diversion rate to 30%



Over 1,300 volunteers  
have helped promote  
recycling



More than 198 tons of  
recyclable material has  
been collected



# History / Background

---



- Program began fall 2008
- Waste diversion at home football games
- Game attendance: 45,000 – 55,000 people
- Targets tailgating areas and Bobby Dodd Stadium





# Tailgating Strategies

---



- Blue bags for bottles and cans given out by student volunteers and GT Facilities staff
- Fans fill bags and leave on the ground
- Bags picked up by GT Facilities the following day



# Stadium Strategies

---



- Recycling bins located on Callaway Plaza and at each of the 10 gates
- Green Greeters stationed outside Bobby Dodd Stadium





# Stadium Strategies

---



- Recycling bins for bottles and cans located on concourses
- Bowl picked after game
- Food waste composting in suites
- Cardboard (vendors inside and outside the stadium)



# Composting



- Pilot program at EBB
  - Food waste
  - Paper towels
  - Paper based packaging





# Be a Green Champion!

---





# Questions?

---

Contact:

**Cindy Jackson**

Associate Director

Office of Solid Waste Management & Recycling

(404) 894-2004

[cindy.jackson@facilities.gatech.edu](mailto:cindy.jackson@facilities.gatech.edu)

**[www.recycle.gatech.edu](http://www.recycle.gatech.edu)**

