



# RECYCLEMANIA CAMPUS RACE TO ZERO WASTE



**Xavier University of Louisiana**





# XAVIER UNIVERSITY OF LOUISIANA



Xavier's Ultimate purpose is to contribute to the promotion of a more just and humane society by preparing its students to assume roles of leadership and service in a global society

- America's only Historically Black and Catholic University
- Nationally recognized leader in the STEM and health sciences fields
- Produces more African American students who graduate from medical school each year than any other university in the United States
- College of Pharmacy is among the top producers of African American pharmacists.

## XULAGREEN SUSTAINABILITY TEAM

OFFICE OF FACILITY PLANNING AND MANAGEMENT

### CURRENT INITIATIVES:

- Zero Waste - Recycling, cardboard bailing, move-out donations
- Tree plantings/ Campus Landscape - Focused on Native and Edible Species
- Environmental Events- Earth Day, Gardening/Farming
- Energy Efficiency - Lighting Retrofits, Automation/Controls
- Conscious Transportation - EV Charging, Bike Share



# CAMPUS RACE TO ZERO WASTE : TIMELINE



## FALL Registration

- Preliminary meeting: brainstorm competition ideas with staff and students
- Delegate start-up tasks between staff and students
  - Create a weighing system:  
<https://recyclemania.org/participate/planning-checklist/plan-tracking-weights/>
  - Event and flyer ideas
  - Reach out to sponsors



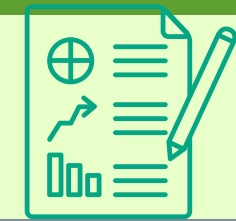
## SPRING Pre-Competition

- Meet with all invested parties to complete a schedule of events
- Gather materials and begin designing flyers
- Create a posting campaign schedule
- Practice week of monitoring recycling and tracking weights



## SPRING Competition

- Post flyers
- Send emails
- Partner with professors for events
- Weekly social media posts and activities
- Track weights based on decided system for competition
- **Game Day Competition**



## SPRING Post-Competition

- **Complete/Submit Case Study**
- Continue communicating with students and share results to campus
- End of Competition Review with team and discuss key takeaways and changes needed for next year

U.S. Environmental Protection Agency Office of  
Resource Conservation and Recovery April 2016  
Cubic yards of Recycling Bin x 139 x % FULL = Estimated weight

Containers (Food/beverage, Glass) Corrugated Containers and Paper- No glass		
Campus Recyclables	cubic yard	139
Commercial Recyclables	cubic yard	155





# Resources Needed



## XULA Green Team Planning and Events

- Director, Assistant Director, Interns & FPM Office Staff
- Plan, organize, & manage activities
- Create budget & gather supplies
- Create/Circulate flyers & social media posts
- Manage contract with Recycling Vendor
- Communicate with custodians
- Purchase a rolling weighing scale to track & Weigh recyclables

## Volunteers Outreach and activities

- Reach out to Environmental Clubs, SGA, Other Student/Staff/Faculty
- Partner with organizations & departments

### **VOLUNTEER ROLES:**

- Recruit participants
- Assist with event management
- Monitor recycle bins
- Assist with collecting and weighing recycling at competition events
- Host pre-events and promote main competition

## Donations Sponsors/Donors

- **Custodial contractor** – assists with liners and other recycling needs–possibly beyond scope of contract
- **Campus Vendors/Contractors** – donations, prizes
- **Environmental Organizations, Nearby Businesses, Companies with environmental initiatives** – donations, prizes, supplies etc. (EX. Rubicon donated game supplies, recycle sorter and banners)



# CAMPUS RACE TO ZERO WASTE : GAME DAY

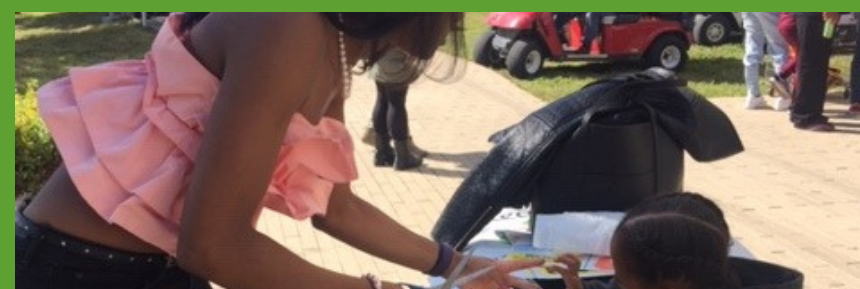
## PRE-GAME PLANNING

- Find volunteers and donations (for prizes)
- Choose 1-2 basketball themed recycle games
- Decide if waste weighing occurs during/after game
  - Choose smaller and measure at end
  - Choose larger and measure several times
- Work with custodial staff to set aside recycling and trash at game



## AT THE GAME

- Set up signage, tables and games
- Ensure trash and recycling is pulled and stored throughout the game
- Measure recycling & trash at end of game
- Calculate diversion rates & enter results





# THE RESULTS



- Students involved/invested in recycling efforts
- Showed university commitment to recycling
- Completed the season and placed, even amid the COVID-19 Pandemic

Per Capita Classic, Organized by Rank		
192 results	Search:	
SCHOOL	RANK	LBS. PER CAPITA
Ohio State University-Main Campus	22	16.065
The University of Texas Medical Branch	23	15.862
University at Buffalo	24	15.019
University of Pittsburgh-Pittsburgh Campus	25	14.750
Syracuse University	26	14.392
Virginia Wesleyan College	27	14.245
Frostburg State University	28	14.083
Colorado College	29	13.710
Xavier University of Louisiana	32	13.184

Per Capita Classic  
Diversions  
32 out of 189  
Schools

Xavier University of LA	32	13.184
Wartburg College	33	12.711
Youngstown State University	34	12.551
Harvard University	35	12.472
University of Mount Union	36	12.321
Mount St. Mary's University	37	12.270
The University of Tennessee-Martin	38	12.100

Game Day Basketball  
Diversions  
26 out of 32 Schools

RecycleMania 2020 - Game Day Basketball - Diversion Rankings		
Member	Diversion Rate (%):	Athletic Conference
1 Ohio State University-Main Campus	97.085	Big Ten
2 University of California, Berkeley	93.483	Pacific-12 (Pac-12)
3 Central Michigan University	91.667	Mid-American Conference (MAC)
4 University of Southern California	91.667	Pacific-12 (Pac-12)
5 Arizona State University	91.361	Alberta Colleges Athletics
6 Hope College	90.35	NCAA Division III Independent Schools
7 Villanova University	90.235	Big East
8 George Mason University	88.137	Atlantic 10 (A-10)
9 Ohio University	85.782	Mid-American Conference (MAC)
10 University of Virginia-Main Campus	78.832	Atlantic Coast Conference (ACC)
11 University of Richmond	74.008	Atlantic 10 (A-10)
12 Rutgers University	73.141	Big Ten
13 Wells College	71.91	North Eastern Athletic (NEAC)
14 Skidmore College	68.452	Liberty League
15 Loyola Marymount University	66.257	West Coast (WCC)
16 Emerson College	64.583	Eastern College Athletic Conference (ECAC)
17 Taylor University	59.159	NAA independent schools
18 Gonzaga University	58.895	West Coast (WCC)
19 American University	50.711	Patriot League
20 Miami University	34.349	Mid-American Conference (MAC)
21 Drexel University	25.373	Colonial Athletic Association (CAA)
22 University of South Dakota	23.404	The Summit
23 University of Pittsburgh-Pittsburgh Campus	18.2	Atlantic Coast Conference (ACC)
24 Xavier University of Louisiana	14.908	Gulf Coast Athletic (GCAC)
25 Georgia Southern University		Sun Belt
26 Georgia State University		Sun Belt
27 Northwest Missouri State University		Mid-America Intercollegiate Athletics Association (MIAA)
28 Western Carolina University		Southern Conference (SoCon)







# HOW WE WILL IMPROVE

Going through COVID-19 hindered many of our efforts, especially for Game Day, but we still had a positive experience. In all future seasons, we plan to start all processes earlier.

- 1 Get students more involved and invested by partnering with a student group
- 2 Promote events through social media, faculty, & student orgs to reach more people
- 3 Host more in-house events to build up excitement
- 4 Seek more sponsors





# Words of Advice

You won't know how you'll do until you try. Gather up your basic recycling processes and go for it. Starting now, remember these few steps to help you through:

- ① Recruit volunteers and helpers early and become GOOD friends with your custodial crew.
- ② Create a running schedule on a platform such as Google Docs, of all activities, events and tasks to do pre- and post-competition.
- ③ Early on, create and practice a way to monitor and weigh your recycling for the entire campus or a specific area.
- ④ Participate in as many pre-season activities as possible and utilize the resources provided by CR2ZW/Recyclemania (graphics, webinars, activity ideas & case studies) see [www.Recyclemania.org](http://www.Recyclemania.org) .  
*These resources are VERY helpful!*





# HAVE MORE QUESTIONS?

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