

# CATspeak on Campus Sustainability

*Transportation choices for students, staff & faculty*



## Why should we promote sustainable transportation on campus?

- Promote better public health through physical activity
- Reduce climate impact (transportation is 28% of U.S. energy consumption)
- Encourage efficiency; Bike trips can be quicker than car trips for distances <1 mile, while walking is generally the quickest for trips less than ¼ mile
- Support better use of real estate; parking a bicycle uses 1/12 the footprint of a car
- Create an enjoyable campus environment with trees and bird songs, not blacktop and engines

## What are ways to grow sustainable transportation?

- **Celebrate mobility** with Eco-Reps, car-free day breakfast, Bike to Work week, and campus incentives
- **Provide bicycle parking to serve three distinct needs:**
  1. **Short-term** (less than 2 hours); bike hitches & exposed racks at academic buildings. Avoid wheel-bender racks.
  2. **Medium-term** (4-8 hours for staff/commuters); covered, well-lit and in a visible location to deter theft.
  3. **Long-term** for apartments & dorms, same as medium plus secure access and additional protection from weather. An example would be a bike room for resident-only access on the ground floor of a new dorm.
- **Charge car drivers** the real cost of parking... Bethlehem's New St parking garage (2017) cost \$16.9M for 626 parking spots (\$27,033 per parking spot)
- Situate satellite car parking on the edges of campus to reduce traffic in the heart of campus
- **Build a bike share program** with stations near satellite parking lots and academic buildings OR dockless bike share
- **Craft a robust campus transit system** with bike racks on buses/vans and transfer points to LANta Bus routes.
  - Promote partnership with LANta Bus for students/staff to ride for free
- **Offer monthly bicycling education** seminars for staff, faculty, students, and campus police officers.
  - Learning a bicyclist's role around cars and pedestrians can build comfort and safety.
  - As electric bikes and scooters gain popularity, education is key to minimize pedestrian conflicts.



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