WCC Sustainability – What’s New?
August 2016
July 2016 is warmest on record

www.climate.nasa.gov/news

Extreme Rain and Floods Along Gulf Coast

www.climate.gov/news-features
WCC Sustainability Council
Mission & Objectives

• Guide the implementation of the WCC Climate Action and Sustainability Plan (CASP)

• Provide leadership in integrating sustainability concepts into all core functions of the college.

• Advise the President and Executive Leadership Team.

• Work collaboratively with college departments.

• Prepare progress reports for ACUPCC

• Communicate with the campus and broader community.
WCC Sustainability Council

- Community Outreach
- Natural Resources
- Curriculum, Education, Engagement
- Purchasing
- Transportation
- Waste
- Food and Agriculture
Sustainability Council Leadership

Representatives from Faculty, Staff and Administration facilitate the Working Groups of Council or serve at large.

Ingrid Ankerson
Barb Fillinger
Susan Ferraro
Damon Flowers
Phil Geyer
Bill Ghrist
Holly Herman

Bethany Kennedy
Peter Leshkevich
Sandy McCarthy
Roger Mourad
Dale Petty
Barry Wilkins

Please Join Us !!!
At Washtenaw Community College we believe that striving to minimize our global warming impact and become environmentally sustainable is closely tied to the college’s mission “to make a positive difference in people’s lives through accessible and excellent educational programs and services.”

In fulfilling our mission “we cooperate with other community organizations in seeking solutions to local economic and social problems.”

As a primary educational resource in the community “we work to improve the quality of life in...
WCC Sustainability Newsletter

Industry Emissions Down, Transportation Up

While industry in the U.S. has made solid strides in reducing greenhouse gas emissions over the past 25 years, the transportation sector has increased its carbon footprint, say University of Michigan researchers.

Read More

Sustainable Lab Recognition Program Promotes Sustainable Operations

The average laboratory consumes 4 to 10 times more energy and resources than a classroom or an office. The Sustainability Laboratory recognition program promotes sustainability throughout the teaching and research labs across campus.

Read More

Green Impact is Back

Green Impact is back! Network with sustainability leaders and have your own impact in the world. Find out more on the Sustainability Lab Launch event page.

The Sustainability Lab Launch
FRESHERS FUN
#ECOAMGUEDDFA
INTERNSHIP OPPORTUNITY

Makerere and Bangor Universities look to the wellbeing of future generations across continents

The Sustainability Newsletter
Sustainability news, efforts and ideas for the MSU community.

Western Team Takes on Toxic Trash

If you ever thought about cigarettes and the dangers they pose, perhaps you have a lung condition or some other health problem. However, a growing concern is the impact of electronic cigarettes. In many cases, it is the danger that makes ELDs (Electronic Cigarettes) even more harmful. In addition to their health risks, they are also bad for the environment. They need to be handled carefully, and they create a non-treatable plastic.

A Natural Solution for Ender Pool

Western's Sustainability Newsletter
Winter 2016

MSU SUSTAINABILITY NEWSLETTER
Sustainability news, efforts and ideas for the MSU community.
WCC Climate Action and Sustainability Plan
AASHE Sustainability Tracking, Assessment & Rating System (STARS™)

- Academics
- Campus & Public Engagement
- Operations
- Dining Services
- Grounds
- Purchasing
- Transportation
- Waste
- Planning & Administration

Ask me how you can involve your classes!!!
Academics

• Courses that include sustainability
• An inventory of those courses publicly available.
• Degree programs that include sustainability as a learning outcome.
Campus Engagement

- Includes sustainability prominently in its student orientation activities and programming.
- Co-curricular sustainability programs and initiatives.
- Outreach materials that foster sustainability learning and knowledge.
- Outreach campaign directed at students that yields measurable, positive results in advancing sustainability.
- An ongoing faculty/staff peer-to-peer sustainability outreach and education program.
Community Partnerships

• One or more formal partnership(s) with the local community to work together to advance sustainability within the community.

• Collaborates with other colleges to support and help build the campus sustainability community.

• Continuing education courses that address sustainability.
Greenhouse Gas Emissions

• Institution has conducted a publicly available greenhouse gas (GHG) emissions inventory.

• Institution reduced its adjusted net Scope 1 and Scope 2 GHG emissions per weighted campus user compared to a baseline.

• Institution’s annual adjusted GHG emissions are less than 0.02 MtCO2e per gross square foot.
Buildings & Operations

• Certified under a green building rating system for new construction and major renovations (e.g. the LEED® for New Construction and Major Renovations)

• Operated and maintained in accordance with formally adopted sustainable operations and maintenance guidelines and policies

• Institution supports the development and use of clean and renewable energy sources

• Institution has an indoor air quality (IAQ) management program...
Landscape Management

Grounds include areas that are:

- Managed in accordance with an Integrated Pest Management Plan (IPM)
- Managed in accordance with a sustainable landscape management program

Rainwater Management

Rainwater management policy, plan, and strategies that mitigate the rainwater runoff and treat rainwater as a resource rather than as a waste product.
Biodiversity

• An assessment to identify endangered and vulnerable species with habitats on institution-owned land
• And/or an assessment to identify environmentally sensitive areas on institution-owned land
Purchasing

• Purchase computers and/or other electronic products that meet sustainability standards for electronic products.

• Purchase cleaning and janitorial products that are Green Seal™ or EcoLogo™ certified.

• Purchase food and beverages that are local and community-based and/or third party verified to be ecologically sound, fair and humane.
Campus Fleet

Institution supports alternative fuel and power technology by including in its motorized vehicle fleet vehicles that are:

- Gasoline-electric hybrid
- Diesel-electric hybrid
- Plug-in hybrid
- 100 percent electric
- Hydrogen fueled
- Fueled with Compressed Natural Gas (CNG)
- Fueled with B20 or higher biofuel
- Fueled with locally produced, low-level biofuel
Student & Employee Commute

Institution's employees use more sustainable commuting options such as walking, bicycling, vanpooling or carpooling, public transportation, motorcycles or scooters, telecommuting...

Support for Sustainable Transportation

Strategies to reduce the impact of student and employee commuting.
Waste Minimization

• Source reduction strategies to reduce the total amount of waste generated... per user compared to a baseline.

• Total annual waste generation is less than the minimum performance threshold of 0.45 tons per campus user.
Triple Bottom Line of Sustainability

**Planet**
- Environmental Sustainability
- Resource Use
- Habitat Preservation/Land Use
- Pollution
- Biodiversity
- Soil, Air and Water Quality
- Environmental Aesthetics

**People**
- Social Sustainability
  - Individual
  - Respect
  - Diversity
  - Human Rights
  - Awareness of Sustainability
  - Equal Opportunity For Education
  - Standard of Living
  - Good Health
  - Participation

**Profit**
- Economic Sustainability
  - Long Term Profit
  - Shareholder Return
  - Cost Savings
  - True Pricing
  - Long-Term Costs and Benefits
  - External Costs and Benefits
  - Risk Management
  - Economic Growth
  - Research and Development

**'Bearable'**
- Environmental Justice
- Environmental Policy and Regulation
- Environmental Crisis Management

**'Viable'**
- Resource Use Efficiency
- Energy Use Efficiency
- Pollution Prevention
- Environmental Policy and Regulation

**'Equitable'**
- Fair Trade
- Workers' Rights
- Business Ethics
- Local Economies

SUSTAINABLE
Diversity & Affordability

• Cultural competence trainings and activities for students, staff, faculty, and administrators
• Programs in place to support underrepresented groups on campus.
• Program to help build a diverse faculty throughout higher education.
• Policies and programs to make it accessible and affordable to low-income students and/or to support non-traditional students.
Other - Where Does Your Curriculum Fit?

• Coordination, Planning
• Governance
• Employee compensation and satisfaction
• Health & Safety
• Wellness
• Sustainable Investment & Disclosure
• Innovation
Please Join Us !!!

Food – **Sandy McCarthy**
Zero Waste – **Barry Wilkins**
Purchasing – **Barb Fillinger**
Energy – **Bill Ghrist** or **Dale Petty**
Transportation – **Ingrid Ankerson**
Natural Resources – **Phil Geyer** or **Holly Herman**
Curriculum and Community Outreach – **Dale Petty**