8th Annual D80 Conference
Engage (in) Community
In Closing... A Look Ahead
World Usability Day (WUD) – November 13

• Annual event highlighting the importance of humans as participants in technology. In a world where basic infrastructures (including health, education, and finance) depend on rapidly changing technologies, World Usability Day organizers call for ways to “serve people first”.

• This year's theme is ENGAGEMENT: "getting people on board with an idea, earning trust, and working toward mutual goals".

• Interested in participating? Contact: Charles Wallace, Department of Computer Science – (906) 487-3431, wallace@mtu.edu

• https://sites.google.com/a/mtu.edu/wudup/
EPA People, Prosperity & the Planet (P3) Project

• Phase I: “Developing a Community Guidebook for Evaluating Minewater Geothermal”
• Register for SS 4390 (1-3 credits optional), with instructor approval
• Contact Prof. Richelle Winkler for details: rwinkler@mtu.edu
Trip tentatively planned to Panama in Aug. 2015.

Hosted by Peace Corps Volunteers, students will collect data for rural community infrastructure design projects.

See the Panama Canal Expansion project near completion.

Information session scheduled for November 12th, 7-8 pm in Dow 875.
Open Source Scientific Hardware –
~1% of cost of commercial +
custom made.
- Need something for your lab?

Solar Powered RepRap Plastic 3D
Printer – smaller, better, cheaper
can make 3-D printable open
source appropriate technology.
- What does your community
want?

Open source 3D metal printer for
steel and aluminum.
- What does your community
need?

www.appropedia.org/MOST
pearce@mtu.edu
Appropedia
Largest Online Community for Collaborative Solutions in sustainability, appropriate technology and poverty reduction.

Appropedia Internships
programs are flexible, generally falling into one of these categories:
- Content
- Language
- Tech
- Documentation
- Communications
- Law/IP and
- Travel internships

Beef up your resume while helping build high-quality content for sustainable development.

Opportunities to curate your current projects in Appropedia as part of an internship.

www.appropedia.org/Internships
Human Centered Design (HCD) & Entrepreneurship

• Discover, Design, Delight (D3)
  – ME/ENVE 5453/5454
    (2 credits each semester)
• Social enterprise curriculum, HCD and delivery of products and services for 80% of the world’s customers.
• Open to all majors.

• Velovations Bicycle Design Enterprise
• Role of human and bicycle power in development

Contact Prof. John Gershenson for details:
  jkgershe@mtu.edu
  http://www.enterprise.mtu.edu/velovations/
Engineers Without Borders

- Potential trips in 2015:
  - Guatemala
    - Well and cookstove assessment
    - Well implementation
  - Bolivia
    - Latrine project monitoring
- New program being launched in Panama
- Contact Profs. Norma Veurink (norma@mtu.edu) or David Watkins (dwatkins@mtu.edu) for more info.
And more...

- Pavlis Institute cohorts continuing in Ghana, India, and Malta
  - See http://pavlisinstitute.mtu.edu/
- Peace Corps Master’s International programs
  - Approximately 15 PCMI students returning from service in the next year, and roughly the same number departing for a 2-year adventure.
- Stay tuned at www.mtu.edu/d80
Thank You!

- Conference Sponsors
  - Sustainable Futures Institute
  - Bohemia Printing, LLC
  - Van Pelt and Opie Library
  - Department of Civil and Environmental Engineering
Thank You!

• Student Volunteers
  – Helen Amiri
  – Frank Dubasik
  – Divya Kamath
  – Kira Koboski
  – Madie Martin
  – Julianne Mickle
  – Ali Mirchi
  – Mokabbir Sarkar
  – Nicolette Slagle
  – Kelli Whelan

• Speakers and Workshop Presenters
• Session Moderators
• Faculty Advisors
• Audience
• Families, for your support!