

A photograph of the Earth as seen from space, showing the Western Hemisphere with North and South America visible. The Earth is set against a background of a blue, textured surface that resembles water or a celestial body.

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/>

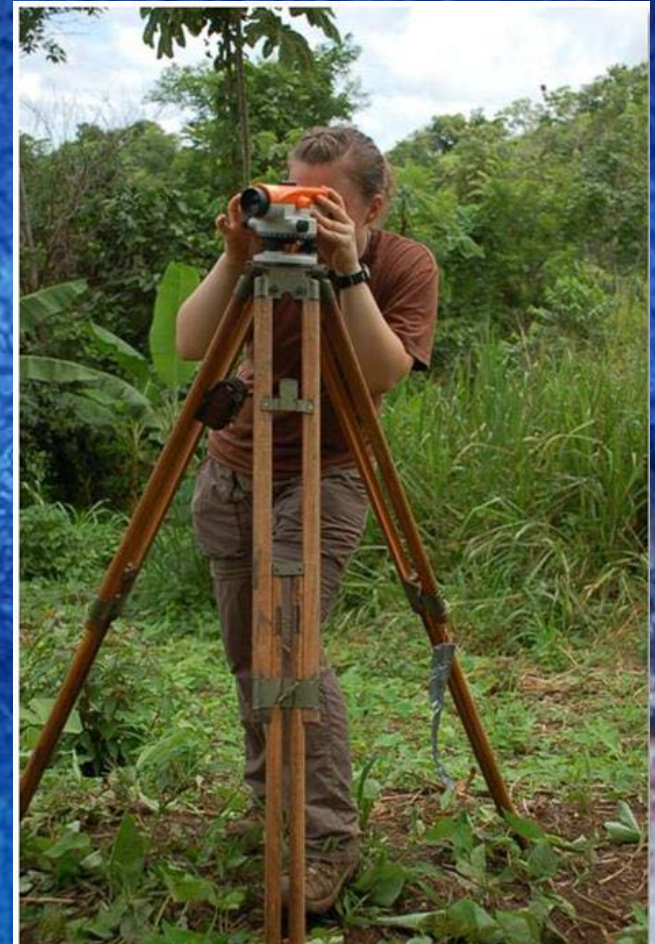
EPA People, Prosperity & the Planet **(P3) Project**

- 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

iDesign 2015



- 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.



Michigan Tech Open Sustainability Technology (MOST) Group

Upcoming Opportunities for Collaboration

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.

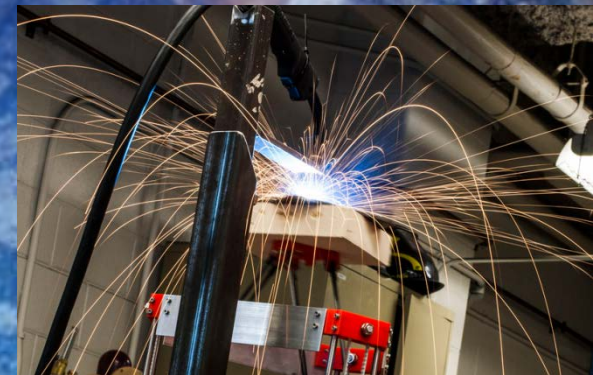
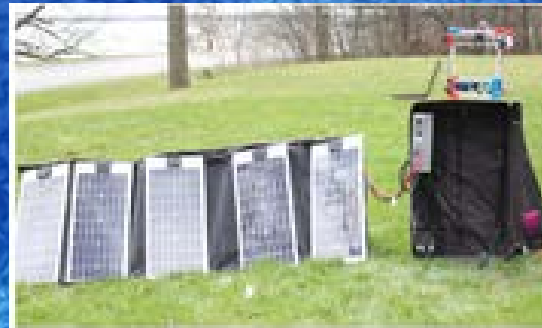
- What does your community
want?

Open source 3D metal printer for
steel and aluminum.

- What does your community
need?

www.appropedia.org/MOST

pearce@mtu.edu



Appropedia

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Appropedia Internships programs are flexible, generally falling into one of these categories:

- Content
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- **Documentation**
- Communications
- Law/IP and
- **Travel internships**



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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!