

Present:

Larry Erickson, ChE, KNRC, and CHSR

David Albrecht, Clean Cities Project

Administrator (Metropolitan Energy Center)

Terrie Boguski, CHSR

Huston Gibson, LA/RCP

Kate Johnson, Sustainability & Environmental Manager at PROSOCO

Donna Schenck-Hamlin, CECD/ICDD

Carol Sevin, K-State Libraries

Lee Skabelund, LA/RCP

Gerry Snyder, Communications & Agricultural Education

Ellen Urton, K-State Libraries

1. Review of the agenda

- Approved

2. New Sustainability Efforts at K-State

- Donna Schenck-Hamlin: 48-hour student film festival will happen again in the spring semester, <http://www.k-state.edu/48filmfest/>.
 - Organizations and departments have the opportunity to sponsor a team on a topic of their choosing for \$50 per team.
 - List of sponsors: <http://www.k-state.edu/48filmfest/sponsors.html>
- Gerry Snyder: Promoted the call for proposals for the university distinguished lecture series, <http://www.k-state.edu/today/announcement.php?id=31150>
 - Submission deadline is February 1, 2017
- Brainstorm:
 - Discussion of Graham Townsley and the following article on Townsley's film on E.O. Wilson: <http://dceff.org/category/graham-townsley-confessions-environmental-filmmaker/>
 - Represents a cross section of videography and environmental science
 - Possible multi-disciplinary connections through sustainability/environmentalism: Journalism & Mass Comm, the College of Education, the Music program, K-State Libraries (Sustainability Matrix), Division of Biology, LA/RCP (conservation perspective), Students for Environmental Action, CESAS, Sunset Zoo, Paraguayan Student association
 - The Rocky Mountain Institute (given their interest in energy and community development, potential to bring in a speaker)
 - Contact: Shining Red Films out of Washington, DC, shiningredfilms.com/people.html
 - Ellen Urton will set up an appointment with Carol Sevin, Donna Schenk-Hamlin, and Lee Skabelund to discuss further
- Larry Erickson:
 - Dr. Brian Niehoff is interested in having some campus activities with respect to sustainability seminars
 - Dr. John Ruberson's Climate Change group continues to be active (facilitated via Canvas; contact Dr. Ruberson to participate)

3. Sustainable Brownfields (TAB)

- Larry Erickson: Received a new \$5M grant over five years to serve the four regions currently working with and helping nationally on some software projects as well.

4. Sustainable Communities

- Larry Erickson: Climate + Energy Project; WEALTH Project (Water, Energy, Air, Land, Transportation and Health) received an award from the Kansas Health Foundation. Partners include the Kansas Rural Center, Kansas

Interfaith Action, Kansas City Chapter of the NAACP, Kansas Natural Resource Council, The Diesel Health Project and the Grassland Heritage Foundation.

- KSU is not directly involved in the WEALTH project, but this project is relevant to issues actively pursued at the university
- Larry Erickson: idea to relate the Dialog on Sustainability in 2017 to climate change and health (greenhouse gas emissions, air quality, water, etc. and health)
- Carol Sevin: as announced via e-mail, The Office of Research and Sponsored Programs and Colleges of Engineering, Agriculture, and Arts & Sciences will host a discussion around NSF's recently released announcement "Innovations at the Nexus of Food, Energy and Water Systems" on Jan 11 from 1:30 – 3:30 in the Ice Conference Room 1139, Engineering Hall. [Registration is required.](#)
- Huston Gibson shared that the Kansas chapter of the American Planning Association has a Plan4Health grant program in association with the Kansas Public Health Association (<http://plan4health.us/>; [Chad Bunger](#) is the local program contact)

5. Solar Powered Charge Station Project and DOE Challenge

– Plans for K-State Parking Lot

- Larry Erickson: Continuing to move forward. John Wolf is the new chair of the university parking council and he is working with Darwin Abbott, Director of Parking Services, to form a committee on campus solar powered charging stations. Interested in students, staff and faculty may participate on a committee to work on future plans for the solar power parking lot at KSU.
- Lee Skabelund: Westar Energy has a new community solar program; there might be a possibility for partnership; also, KSU Polytechnic is actively pursuing solar on their campus
- Gerry Snyder: any precedent at other universities for solar powered charge stations? Yes, this is an active and growing topic. University of Hawaii as an example. Lee Skabelund mentioned Arizona State University which Larry Erickson has visited.

6. Sustainability Seminars

- Larry Erickson: The department of Chemical Engineering teaches a sustainability seminar every semester which is conducted on line using videos from past semesters and offered for credit in the summers.
 - The LA/RCP has a colloquium series that may be of interest in the spring semester as well as spring student capstone presentations
 - December 14, 9:40AM, NRES Capstone Final Exam Oral Presentations, Ackert 231:
 - 1. Surface Water Quality in Manhattan, KS
 - 2. Memorial Stadium Green Roof
 - NRES Seminars: <http://www.k-state.edu/nres/seminars/>
 - See Events at: <https://www.engg.ksu.edu/chsr/events>
 - Dr. John Ruberson has been leading the Climate Change seminars.
 - Other? Please let Larry know.

7. Ecoliteracy Book Club

- Larry Erickson: We continue to have significant books coming out related to sustainability issues and wish to continue to put that in the minutes of our meetings and get them into the library.
- Weigel Library of Architecture, Planning & Design (from librarian Maxine Ganske):
 - *The Passivhaus Designer's Manual - a technical guide to low and zero energy buildings* - edited by Christina J. Hopfe and Robert S. McLeod - TH 4860 .H67 2015;

- *Designing for Hope - pathways to regenerative sustainability* - Dominique Hes and Chrisna De Plessis - NA 2542.36 .H47 2015
- *Exterior Green Wall Design* - Edited by Veera Sekaran - SB 459 .E98 2015
- Other books:
 - *The Age of Sustainable Development* by Jeffrey D. Sachs (2015, Columbia University Press)
 - *The Great Transition: Shifting from fossil fuels to solar and wind energy* by Lester R. Brown, et al (2015, W.W. Norton & Company)
 - *Solar Powered Charging Infrastructure for Electric Vehicles: A sustainable development* edited by Larry E. Erickson et al (2016, CRC Press)
- Donna Schenck-Hamlin: specific interest in identifying books related to planning, architecture and a vision for affordable, sustainable, housing in America (especially for the popular reader):
 - Huston Gibson: there are many, they are in Weigel Library; also recommended contacting former K-State faculty member Prof. Kate Nesse who taught the housing class in LA/RCP (would be a great contact on the most current books)
 - Larry Erickson: one of the issues with regard to sustainable housing and affordable housing is the cost of land
 - Lee Skabelund: there is a new project, Jonathan Arnold (Arnold Development Group), developing a 276 unit residential development in the Riverwalk area in Kansas City (20% will be considered affordable; project is "Second and Delaware"; 90% more energy efficient, aiming to be the largest passive house certified project); also the Bancroft School Apartments in Kansas City, MO (LEED Platinum)
 - Donna Schenck-Hamlin: Working with librarians at Johnson County Public Library – they're having a bus tour on January 17th for high school students to learn about racial red-lining of districts; the equity affordability and housing and the implication that has for school and demographics
 - Ellen Urton: suggested herself as a resources as well as library colleague Maxine Ganske (in Weigel Library), and Dr. Brandon Irwin and Dr. Julia Day on their Stowe award-funded research on affordable housing – will follow up with Donna to share some local data and a bibliography on affordable housing.

8. Next Meeting: Tuesday, January 31, 2017 at 3:30 p.m.

9. Other

- David Albrecht, Clean Cities Project Administrator (Metropolitan Energy Center):
 - Working with the National Association of Regional Councils regarding a group discount on the purchase alternative fuel vehicles
 - Nissan North America and KCPNL: \$10,000 discount off MSRP for the 2016 or 2017 Nissan Leaf (can combine with the Federal Tax Credit); a fleet rate available to individual buyers
 - Contact: david@metroenergy.org

10. Future events

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2. Memorial Stadium Green Roof

NRES Seminars: <http://www.k-state.edu/nres/seminars/> (link is external)

See Events at: <https://www.engg.ksu.edu/chsr/events>