

Topical Lunch Summary, May 28, 2013 – *Integrated Building Energy Efficiency*

The Integrated Building Energy Efficiency topical lunch gathered 30 participants, about 50% faculty/researchers, 40% facilities, and 10% cooperative extension. The main question was whether there was value in having disparate groups talk to each other more. The resounding answer was "Yes". It was useful to find out who else worked on building energy efficiency at Cornell. Several potential collaborations were discussed.

One highlight was the potential for using campus data more fully. A participant from facilities services said that Cornell has rolled out advanced sensing technology, but that this has created more data than can be analyzed by hand. One potential partnership is using campus buildings as "living" laboratories. Facilities personnel get the benefit of external data analysis. Researchers get the benefit of real world data. Collaborations like this may help differentiate Cornell from other schools, enabling us to be more competitive with grants.

We also sent out a survey of the participants, asking them for feedback and for one collaboration idea that came out of the discussion. Here are just a few highlights (paraphrased):

- Francis Vanek -- In the new budget model units will be required to pay for utilities (electricity, steam, chilled water), it makes sense to make available a funding stream to help them finance investments in efficiency that would reduce ongoing utility costs.
- Erin Moore -- Develop metrics and research based on building occupants attitudes and well being based on campus sustainability and their involvement. Also: a very useful campus link: Real Time Energy Data Portal: <http://portal.emcs.cornell.edu/>
- Alan Zehnder -- The main point I got out of the discussion was that habit and human behavior are hard to change... [E]fforts on the engineering side need to link to efforts on the social science & communications side of the house.

When asked if we should do this lunch again nearly everyone expressed strong support to do another Topical Lunch in Fall 2013.

Organizers:

Last Name	First Name	NetID or email	Dept (if known)	College (If known)
Chong	Howard	hc757	Hotel Administration	
Hencey	Brandon	bmh78	Mechanical Engineering	
Schlather	Kenneth	ks47	Cooperative Extension	

Participant RSVP (attending):

Last Name	First Name	NetID or email	Dept (if known)	College (If known)
Anderson	Sharon	ska2	Tompkins CCE	
Bader	Bill	wb39	ENG	

Bland	Bert	rrb2	Facilities Services	
Deline	MB	delinemb@gmail.com		
Dieterich	David	dd355	ACSF	
DiSalvo	Frank	fjd3	ACSF	
Gebremedhin	Kifle	kgg1	BEE	
George	Al	arg2	Mech Eng	
Gibelhausen	Michael	mdg234	Hotel - Marketing	
Hoffmann	Mike	mph3	CUAES	
Howe	Mark	mjh69	Facilities Services	
Joyce	Lanny	wsj1	Facilities Services	
Lacey	Randy	drl4	Facilities Services	
Malkin	Mark	mm15	ENG	
McComas	Katherine	kam19	COMM	
Meixell	Peter	pm28	SHA - Business Affairs	
Metz	Guillermo	gm52	Tompkins CCE	
Militello	Roberta	rjm32	CIO Academic Technologies	
Moore	Erin	edm93	Facilities Services	
Newhouse	Brad	bjn37	Facilities Services	
Ozgur	Gocer	ozgurgocer7@gmail.com		
Pierce	Mark	mrp6	DEA	
Tester	Jeff	jwt54	Cornell Energy Institute/ACSF	
Vanek	Francis	fmv3	CEE	
Zehnder	Alan	atz2	ENG	
Zhang	Zhiru	zz284	ECE	

Regrets:

Last Name	First Name	NetID or email	Dept (if known)	College (If known)
Albonesi	David	dha7	ECE	? on attendance
Bento	Antonio	amb396	AEM	
Bitar	Eilyn	eyb5	ENG	
Harvell	Drew	Cdh5		
Loucks	Daniel (Pete)	dpl3	CEE	
Miller	Dennis	ddm2	FDSC	
Posman	Kevin	kmp235	Tompkins CCE	? on attendance
Warhaft	Zellman	zw16	MAE	