

Purdue University Friday Night Lights 2013-2014 Summary Report

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2013-2014 Student Sustainability Council President



Background

In October 2013, Friday Night Lights was launched as part of a collaborative partnership between the Student Sustainability Council, Office of University Sustainability, Building Services, Building Deputies, Purdue University Police Department, and numerous student volunteers. Every Friday night participants volunteered an hour of their time to turn off lights in classrooms of targeted academic buildings so they will not be left on over the weekend. Not only does this program reduce Purdue University's carbon footprint, but it also increases social capital among those on campus, and ultimately, trims Purdue University's bottom line.

Results

Table 1: Data from Fall 2013 – Spring 2014

	Total Volunteers	Unique Volunteers	Light Bulbs Turned Off	# of Weeks
Fall 2013	242	197	15,320	6
Spring 2014	296	134	23,473	15
Totals	538	331	38,793	21

Note: The following buildings were scouted each week: BRNG, GRIS, HAMP, HEAV, KNOY, KRAN, LILY, MATH, RAWLS, REC, SC, and UNIV. On Friday, April 11, 2014, volunteers did not enter BRNG, MATH, REC, or UNIV.

Participant Quotes

"It really makes me feel like I accomplished something instead of just talking about solutions. In addition, the experience showed me how influential small changes can be. Even something as simple as flipping a switch can have huge effects over time."
--Student

"I feel that as the awareness of sustainability spreads more people will step up to take these small actions and make them into big changes."
--Student

"We liked knowing that because of us, a small group of students, Purdue wasted significantly less energy. A fairly effortless and fun effort for us helped to make a difference in the environment. I found myself wondering how much of a difference could be made with a larger group of students in even more buildings. Imagine if all the universities nationwide participated in programs like this? It would make a substantial difference in our country's environmental impact."
--Student

"We are even changing the way things are done here. We used to keep the office lights on all night, but now we turn them off!"
--Chipotle Manager

Recommendations

- Continue the program in Fall 2014 – Spring 2015 under the leadership of the SSC
- Increase education/outreach in conjunction with the program (i.e., flyers, chalking, prompts next to light switches, tabling outside of FNL buildings or in resident halls, Facebook, Twitter)
- Conduct audits of FNL buildings over the weekend to monitor effectiveness of program
- Install motion sensors in rooms that have high incidence of lights being left on over the weekend
- Increase participation of non-SSC student groups

Acknowledgments

A special thanks to the student leaders that coordinated a Friday Night Lights and Chipotle for weekly burritos! Without your passion and dedication to sustainability this program would not have been a success!

Thank you: Alanie Hooton, Alexandra Tarr, Allison Turner, Cole Manschot, Danielle McNeely, Delaney Garrett, Elizabeth Kindelan, Ella Wynne, Erin Duncan, Jackie Shao, Jake Brosius, Jonathan Westwood, Justine Weatherman, Kirti Chintalapudi, Kristi Martini, Lindsey Hummel, Lindsey Payne, Mark Haugen, Michelle Bouley, Nate LaBreche, Olivia Steele, Shubham Vipul, Spencer Torline, and Chipotle

Appendix A: Data for Fall 2013

	25-Oct		1-Nov		8-Nov		15-Nov		22-Nov		6-Dec	
BDLGS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS
BRNG	556	2	378	3	600	5	346	6	335	4	103	4
MATH	110	2	59	2	32	3	87	3	0	3	9	3
REC	812	2	0	2	56	4	64	4	156	3	241	4
SC	415	3	54	2	126	4	155	4	79	3	204	4
UNIV	684	3	273	2	218	4	262	3	85	4	0	4
HEAV	336	2	180	2	28	3	22	4	124	3	50	4
KRAN	501	4	404	3	181	4	151	4	288	5	467	3
RAWLS	514	1	401	3	122	4	44	4	37	3	0	4
GRIS	270	4	177	2	104	3	150	4	220	5	46	4
LILY	582	6	525	2	225	4	353	4	329	5	134	4
HAMP	641	2	118	2	129	3	202	4	145	4	188	4
KNOY	283	2	88	2	0	3	35	3	27	5	0	2
TOTALS	5704	33	2657	27	1821	44	1871	47	1825	47	1442	44
FALL 2013 VOLUNTEERS LIGHTS	242											
	15320											

Appendix B: Data for Spring 2014

	17-Jan		24-Jan		31-Jan		7-Feb		14-Feb		21-Feb		28-Feb		7-Mar	
BDLGS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS
BRNG	96	0.5	65	1	258	1	31	2	436	1	201	2	73	3	159	2
MATH	175	0.5	0	1	216	1	32	2	32	1	32	2	0	3	0	2
REC	92	0.5	28	1	73	1	235	2	174	1	86	2	0	3	0	2
SC	21	0.5	0	1	208	1	108	2	197	1	34	2	0	3	139	2
UNIV	127	1	45	1	188	1	135	2	0	2	40	3	40	3	0	2
HEAV	0	1	150	1	128	1	146	2	202	2	0	2	152	3	84	2
KRAN	116	1	146	1	197	1	146	2	317	2	204	2	204	4	0	2
RAWLS	412	1	392	1	427	1	419	2	564	2	95	2	305	4	0	2
GRIS	46	1	94	1	231	1	60	2	155	2	86	2	83	4	149	2
LILY	291	1	0	1	0	1	195	2	236	2	239	2	330	3	95	2
HAMP	197	1	73	1	73	2	51	2	73	2	111	2	112	4	128	2
KNOY	52	1	63	1	205	2	0	3	63	2	52	2	50	4	214	3
TOTALS	1625	10	1056	12	2204	14	1558	25	2449	20	1180	25	1349	41	968	25

	28-Mar		4-Apr		11-Apr		18-Apr		25-Apr		2-May	
BDLGS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS	TOTAL LIGHTS	TOTAL VOLS
BRNG	101	2	261	2	0	0	228	2	453	1	209	2
MATH	115	2	0	1	0	0	0	1	0	1	83	3
REC	0	2	147	1	0	0	38	1	223	1	0	2
SC	52	2	0	1	0	3	36	1	176	1	54	2
UNIV	0	2	82	1	0	0	127	1	196	1	143	2
HEAV	28	2	56	1	28	4	50	1	190	1	50	2
KRAN	58	2	283	1	231	2	197	1	232	1	144	2
RAWLS	459	2	192	1	595	2	430	1	455	1	286	2
GRIS	177	2	69	1	0	3	69	1	203	1	0	2
LILY	422	2	92	1	0	2	0	1	327	1	188	2
HAMP	108	2	73	1	112	3	16	1	112	2	0	3
KNOY	206	3	40	1	40	2	102	1	40	3	113	3
TOTALS	1726	25	1295	13	1006	21	1293	13	2607	15	1270	27
SPRING 2014 VOLUNTEERS LIGHTS	296		23473									

Appendix C: Lead Coordinator Directions

Purdue University Friday Night Lights Lead Coordinator Information

*Thank you for serving as a lead coordinator for Friday Night Lights (FNL)!
The following document contains the details needed to coordinate the effort.*

A. Recruitment for FNL

Prior to your assigned Friday night, recruit friends, club members, classmates, etc. to participant. At this point, we are able to accommodate 50 volunteers. Each volunteer will receive a free burrito for participating. Sign up [link](#).

B. Materials for FNL

Prior to beginning your shift on Friday,

- 1) Print off the datasheets and sign-in sheets (both single-sided). If you have more than 40 volunteers, print 2 datasheets per building. These materials will be emailed to you by Friday morning.
- 2) Send a list of buildings that will be targeted to the Purdue Police Department: Susan Nelson (sjnelson@purdue.edu), cc John Cox (jkcox@purdue.edu), Keene Red Elk (kiredelk@purdue.edu), and Lindsey Payne (paynel@purdue.edu). Buildings: BRNG, GRIS, HAMP, HEAV, KNOY, KRAN, LILY, MATH, RAWLS, REC, SC, and UNIV.
- 3) Pick up burritos from Chipotle at 5:45/6:00 PM. Tell them you are there for FNL.

C. Orientation for FNL

At the beginning of orientation, welcome the volunteers and thank them for attending. Tell them that so far this year over 35,000 bulbs were turned off by over 500 volunteers. This is quite an amazing effort so far! Then go over the protocol.

Protocol

- 1) To ensure the safety of all volunteers and the integrity of the buildings at Purdue University, the following guidelines must be adhered to in order to participate in the FNL program.
 - a) Sign in prior to beginning their shift (name, email, affiliation, college)
 - b) All students must pair up with at least 1 other student, and this group must have a cell phone with them at all times.
 - c) When turning off the lights, enter classrooms only and in each room 1) record, off/on, 2) turn off AV console, computer monitor, 3) shut windows (if open), 4) turn off lights. It is critical to fill out data sheets accurately—show FNL_coodinator_slide_datasheet.
 - d) When all lights have been turned off, return datasheets to the lead coordinator and grab a burrito!
- 2) As volunteers return, review each datasheet to make sure it is legible, then check off the appropriate building and write down the number of volunteers on Table 1. Please return all datasheets and the sign-in sheet to Lindsey Payne, paynel@purdue.edu by the following Tuesday.

Table 1:

Building	Returned	# of volunteers
BRNG		
MATH		
REC		
SC		
UNIV		
HEAV		
KRAN		
RAWLS		
GRIS		
KNOY		
LILY		
HAMP		

D. Background for FNL

Friday Night Lights was created from the collaborative partnerships between the Student Sustainability Council, Office of University Sustainability, Building Services, Building Deputies, Purdue University Police Department, and numerous student volunteers. Every Friday night participants volunteer an hour of their time to turn off lights in classrooms of targeted academic buildings so they will not be left on over the weekend. Not only does this program reduce Purdue University's carbon footprint, but it also increases social capital among those on campus, and ultimately, trims Purdue University's bottom line. Thank you for helping create a culture of sustainability at Purdue!

E. Contact Information

Any issues: Lindsey Payne, paynel@purdue.edu or call (949) 357-4514
 Non-Emergency, Purdue Police Department #: (765) 494-8221

F. Interested in Signing up for FNL?

Contact, Lindsey Payne: paynel@purdue.edu, (949) 357-4514.



A special thank you to Chipotle for partnering with FNL & providing burritos to our volunteers!