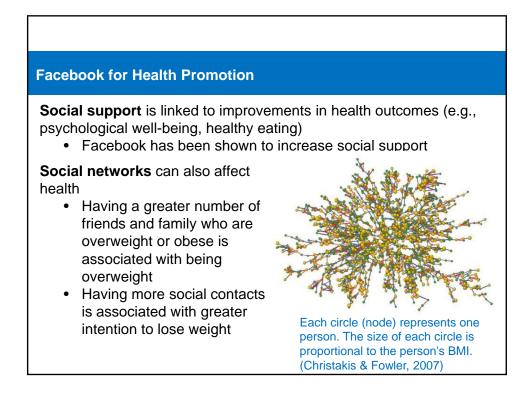


Social Networks: Facebook Popularity

- In the US, 67% of adults who use the Internet also use Facebook; Facebook has reached over 1 billion users
- Most popular among young adults between 18-29 years
 - 87% of young adults use Facebook
 - College students spend approximately 30 min/d on Facebook
- Main features of Facebook
 - Create an online personal profile
 - Upload posts (e.g., messages, photos, videos)
 - Comment on friends' posts
 - · Linked to friends' profiles



Pew Internet Research, 2012

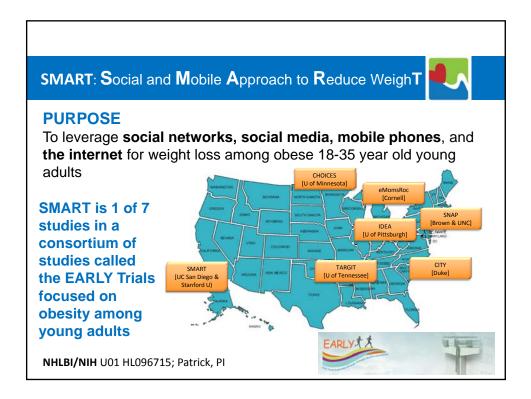


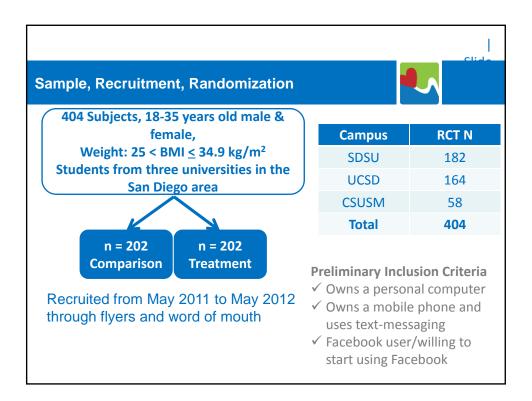
Facebook and Other Social Media Technologies for Weight Loss Among College Students

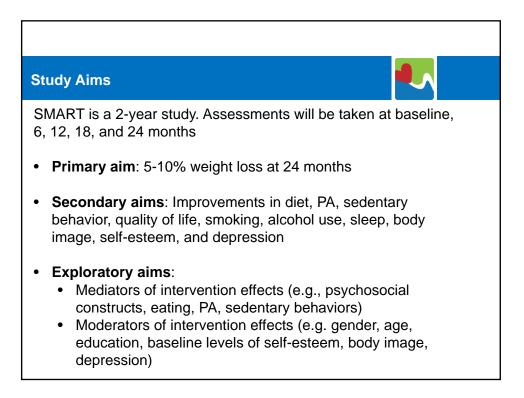
- Other technology has also been shown to improve health outcomes:
 - Email
 - Mobile phones
 - Apps for smartphones
 - Blogs

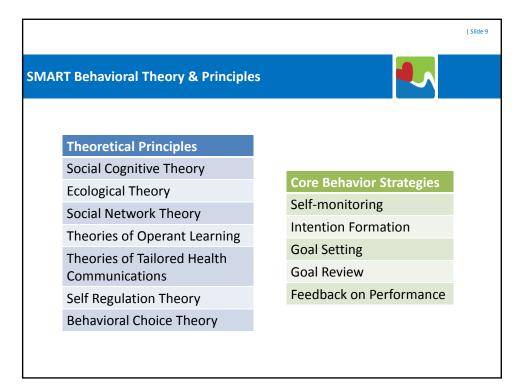


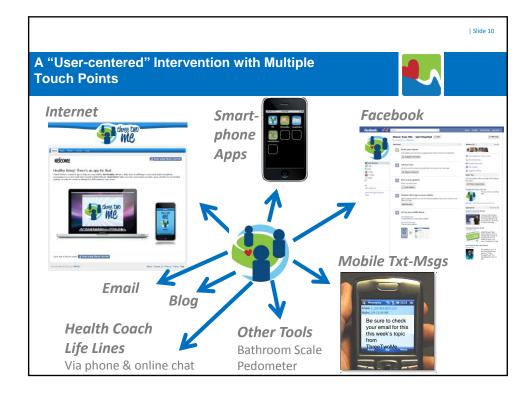
- Napolitano et al. (2012) found greater weight loss among participants who received nutrition and PA information through Facebook and text-messages
- Few studies have used these social media technologies for weight loss purposes among young adults, particularly in combination (e.g., Facebook plus blogs)



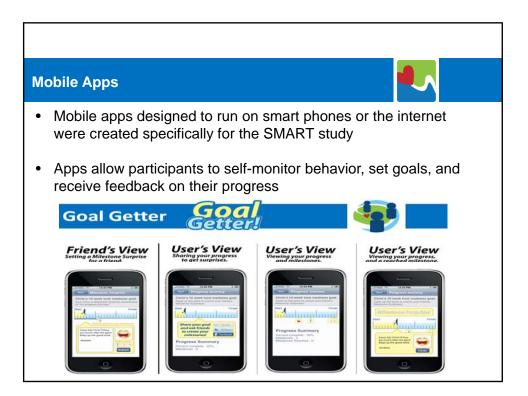


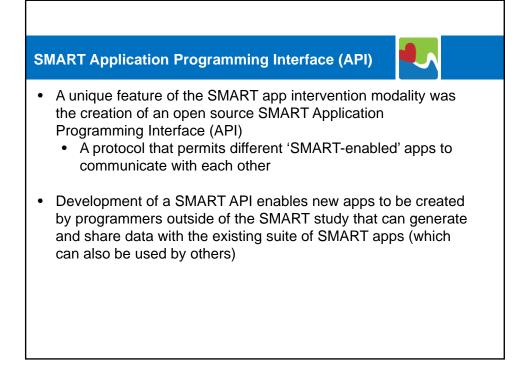








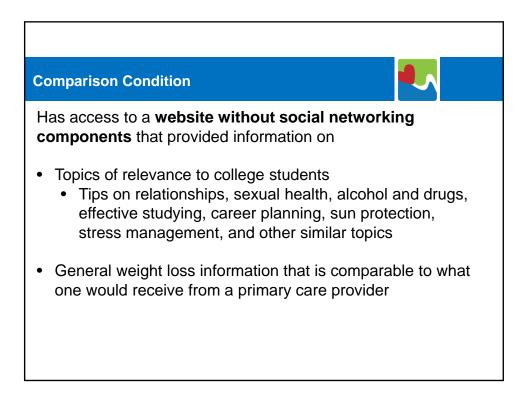




Adaptive Intervention – "Learns Over Time"							
Mobile Apps							
ATAT © 12:34 PM 4 C Provide Atagential Atagentia Atagential Atagential Atagential Atagential Atagential Atage	APP	TARGET BEHAVIORS & STRATEGIES					
		Self- Monitoring	Intention Formation	Goal- Setting	Goal Review	Feedback	Knowledge
	Be Healthy		x	х	х		
	TrendSetter	x	х			x	x
	Goal Getter			x	х	x	
	Facts & Quizzes					x	x
	All apps accessible via Mobile Web Facebook 						
Copyright, 2012, Regents of the University of California							

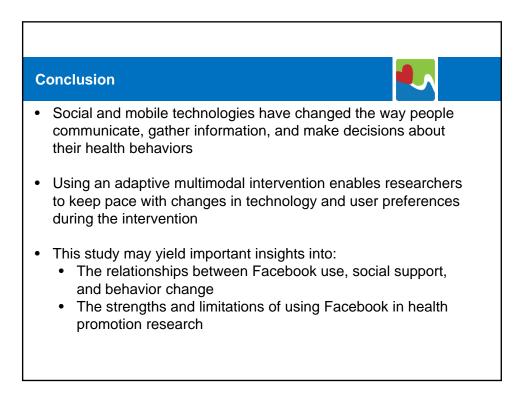
Text-messages, Email, and Health Coach Lifelines

- Text-Messages:
 - Prompting monitoring/reporting of weight
 - Used to reinforce behavior change principles offered via other intervention channels
 - 1x per week initial phase; daily commencing 5/1/2013
- Emails:
 - Prompt participation in intervention activities
 - For contacting health coach or study staff
- Health Coach Lifelines:
 - 10 lifelines (~15 mins) used by the participant when s/he requires additional support from the health coach
 - Via telephone calls, Skype, or instant chat as one-on-one conversations between the participant and the health coach



Statistical Analysis

- Mixed-effects regression analysis
 - Factor for treatment condition (SMART intervention, control)
 - Continuous linear term for time (baseline, 6, 12, 18 and 24 months)
 - Random effects for subject, campus, and friend network defined according to Facebook
- Missing data assumed missing at random (MAR)
- We will also assess friend links among participants at baseline and over the course of the intervention period



Study Investigators, Staff, and Students



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