November 29 - December 2, 2011 Washington, D. C.

STANFORD UNIVERSITY



2011 BEHAVIOR, ENERGY & **CLIMATE CHANGE CONFERENCE**

A conference focused on understanding the behavior and decision making of individuals and organizations and using that knowledge to accelerate our transition to an energy-efficient and low-carbon future

TUESDAY: NOVEMBER 29	
11:00 AM - 6:00 PM	PRECONFERENCE WORKSHOP – Fostering Sustainable Behavior Presented by Doug McKenzie-Mohr, Founder of Community-Based Social Marketing
4-9	Conference Registration & Speaker Check-In
6:30 PM - 8:30 PM	BECC KICK-OFF PLUS DESSERT & NETWORKING EVENT "Games for the Win" – Participate in a total-immersion learning event to experience and understand the keys to gamification and the radical effects that game structures can have on human behavior as it applies to the BECC field. This event promises fun, insight and connections to jumpstart this year's conference. Kathy Kuntz of Cool Choices Network will wrap up our "Game Change" session with takeaway lessons and applications.
WEDNESDAY MORNING: NOVEMBER 30	
7:30	Continental Breakfast & Registration
8:30 AM - 10:00 AM	BEHAVIOR, ENERGY AND CLIMATE CHANGE: Framing the Issues Opening Plenary Welcome Jennifer Amann, Co-chair, Buildings Program Director, American Council for an Energy-Efficient Economy (ACEEE) Carl Blumstein, Co-chair, Director, California Institute for Energy & Environment (CIEE), University of California Jim Sweeney, Co-chair, Director, Precourt Energy Efficiency Center (PEEC), Stanford University Chris Jones, Program Manager, University of California, Berkeley Keynote: "Empowering Citizens to Adopt Low Carbon Lifestyles: Strategies and Tools for Behavior
	Change, Community Engagement and the Reinvention of our Cities" David Gershon, Founder & CEO, Empowerment Institute
10.00	Morning Break
10:00	
	ACEEE: Merican Dured for an Energy Efficiency Center





WEDNESDAY MORNING: NOVEMBER 30	
10:30	Concurrent Sessions 1:
1A	FEEDBACK AND BEHAVIOR: GETTING INTO THEIR HEADS, HOMES AND HABITS Moderator: Chris Jones, University of California, Berkeley
	 Energy Management Designed with Consumers in Mind – Seth Frader-Thompson, EnergyHub Scaling Behavior-Based Programs: The Tradeoffs of Opt-In vs. Opt-Out Design - Tom Scaramellino, Efficiency 2.0 Impact of Neighbor Comparisons on Reducing Peak Energy - Ogi Kavazovic, OPOWER
18	LIGHTNING SESSION: INFLUENCING TRAVEL CHOICES Moderator: Sharyn Barata, Itron
	 Plug-In Hybrid Electric Vehicles in a Smart-Grid Environment: Feedback and Charging Behavior - Barbara Farhar, University of Colorado at Boulder The Virtual Test Drive: Applying "Smart Grid" Concepts to Transportation - Laura Schewel, UC Berkeley/Virtual Vehicle Co Energy Feedback ReducesAnd IncreasesOn-Road Energy Efficiency - Tai Stillwater, UC Davis High-Speed Passenger Transportation: Examining Aviation, High-Speed Rail, and their Climate Impacts -Regina Clewlow,
	 Massachusetts Institute of Technology Changing Travel Behavior: The Impact of Targeting Tailored Climate Change Information to Specific Audiences Based on Attitudinal and Behavioral Characteristics - Candice Howarth, Imperial College London Climate Change Adaptation Practices in Support of Mitigation: Evaluating the Progress of Transportation Planning Agencies -
	 Michelle Oswald, Bucknell University An Experimental Study of Real-Time Feedback on Driving Behavior - Deborah Brannan, University of Colorado at Boulder A Year Study of Consumer Adaptation and Exploration to a Low-Carbon Technology – Electric Vehicle Drivers' Learning Process - Justin Woodjack, UC Davis The Behavioral Economics of Transportation Travel Time, Mode Choice and Carbon Impact - Mike Magoon, University of Chicago
	CLIMATE DENIAL, PUBLIC ATTITUDES AND BEHAVIORAL MISSTEPS: UNDERSTANDING THE LANDSCAPE Moderator: Emily Grady, Garrison Institute
9	 Understanding Climate Denial - Kari Norgaard, University of Oregon The Diversity in Public Beliefs and Behaviors and Why They Matter - Ed Maibach, Center for Climate Change Communication Public Misperceptions and Effective Behaviors - Shahzeen Attari, Indiana University Bloomington
1D	BARRIERS 'N' LADDERS TO CHANGING BEHAVIOR THROUGH POLICY Moderator: Stacy Angel, U.S. Environmental Protection Agency
	 Turning Policy Into Practice: Driving Home Energy Upgrades - Danielle Sass Byrnett, US DOE Levels of Attention: From Individual to Workplace to Organizational Culture - Elizabeth Malone, Pacific Northwest National Laboratory Jujitsuing Environmental Policy Setbacks - Dorian Dale, Town of Babylon
1E	USING RESEARCH TO CONNECT TO YOUR TARGET MARKETS Moderator: Jennifer Amman, ACEEE
	 Designing Programs to Win Hard-To-Reach Communities and Capture Aggressive Energy Savings - Peter Noland, RHA, Inc Introducing the Climate Access Network - Cara Pike, TRIG's Social Capital Project ENERGY STAR's Consumer Research to Drive Behavior Change - Melissa Klein, U.S. Environmental Protection Agency The Power of Partnerships: Collaborative Marketing Solutions That Increase Program Effectiveness - Michelle Brenes, PECI
	CONNECTING SUSTAINABILITY & STAFF: EMPLOYEE ENGAGEMENT STRATEGIES Moderator: Kathy Kuntz, Cool Choices Network
ŧ	 Top Down, Bottom Up? Best Energy-Saving Strategies to Motivate Individuals, Teams & Organizations - Gerald Church, Joule Energy Engaging Employees to Make an Impact on Sustainability – Katie Mandes, Center for Climate and Energy Solutions Energy Treasure Hunts - Beth Trask, Environmental Defense Fund Encouraging Sustainable Behaviors in the Workplace: A Review of Best Practices - Jennifer Hampton, Navigant Consulting
Noon	Break
12:15	Lunch
1:15	Dessert Break

	WEDNESDAY AFTERNOON: November 30
1:45	Concurrent Sessions 2:
2A	 SUCCESS STORIES OF BEHAVIOR PROGRAMS IN RESIDENTIAL BUILDINGS Moderator: Mark Zimring, Lawrence Berkeley National Laboratory NYSERDA's Competition-Based Pilot for Residential Customers - Michael Colgrove, NYSERDA Put Down the Sweater & Pick Up the Pocketbook: Behavioral Interventions Driving Major Energy Upgrades - Neely Crane-Smith, Center for Energy & Environment Act Locally: A Neighborhood Approach to Residential Energy Efficiency - Bernadette Doolan, PECI
2B	 LIGHTNING SESSION: SCHOOL SUSTAINABILITY FROM PRESCHOOL TO POST-DOC Moderator: Michael Vandenbergh, Vanderbilt University Law School Beyond Badges: Gamification in the Kukui Cup - Philip Johnson, University of Hawaii Conveying Real-Time Feedback On Resource Use Through Empathetic Gauges - Cynthia Frantz, Oberlin College Spreading the Eco-Message: An Applied Social Networking & Proactive Coping Program to Promote Environmental Behavior in University Residence Halls - Brittany Bloodhart, The Pennsylvania State University "Campus Conservation Nationals": Competing to Reduce Dormitory Water and Electricity Use - John Petersen, Oberlin College A Measured Child-Driven Model To Behavior Change In The Household - Carleen Cullen, Cool the Earth You Can't Ignore Cute Shoes - Bonnie Meyer, Olympia School District Social and Cognitive Design in Energy Efficiency Training for NYC School Building Operators - Michael Bobker, CUNY Institute for Urban Systems, City University of NY
2C	WHICH TECHNIQUE IS MOST EFFECTIVE? Moderator: Pamela Wellner, Amplifying Eco • Spillover Effects of Water Consumption Feedback on Other Utilities - Verena Tiefenbeck, Fraunhofer CSE/ ETH Zurich • Goal Setting, Social Comparisons and Rewards: New Behavioral Incentives for Energy Efficiency - Matthew Harding, Stanford University • Unplugging Waste Energy: Successful Strategies to Reduce Residential Plug-Load Energy Use - Heidi Perry, ThinkEco, Inc
2D	 CREATING SMARTER CITIES Moderator: Sam Borgeson, University of California, Berkeley Influencing Innovative Low-Carbon Solutions in the Urban Environment: A Comparative Perspective of EU and North American Policies and Programs - Carmen Barker Lemay, Integrative Growth Limited Negotiating Sustainability Between Micro & Macro Policy Terrain: A Local Political Seedbed for Behavior Change - Shane Fudge, University of Surrey Community Motivations and Local Energy Planning - Eric Mackres, American Council for an Energy-Efficient Economy Climate Showcase Communities: Innovative Models of Community-Based Greenhouse Gas Emissions Reductions - Emma Zinsmeister, U.S. Environmental Protection Agency
2E	 SPOTLIGHT: BETTER BUILDINGS NEIGHBORHOOD PROGRAM Moderator: Danielle Sass Byrnett, US Department of Energy Energize Phoenix Energy Efficiency on a Community Scale - Mick Dalrymple, ASU Global Institute of Sustainability Utilizing Community-Based Social Marketing to Motivate San Diego's Military Population to Make Residential Energy-Efficiency Upgrades - Siobhan Foley, California Center for Sustainable Energy Clean Energy Works Portland: A Bundled Services Approach to Whole-Home Retrofits - Andria Jacob, City of Portland Bureau of Planning and Sustainability The Next Generation of Driving Demand for Home Energy Improvements - Merrian Goggio Borgeson, Lawrence Berkeley National Lab
2F	FROM MID-SIZED TO MULTI-NATIONAL COMPANIES: SHOWCASING HOW COMMERCIAL DECISIONS FOSTER SUSTAINABILITY Moderator: Anne Dougherty, Opinion Dynamics Corporation • Tillamook Cheese Sustainability Review - Mike Bailey, Ecos / Advantage IQ • Energizing Healthcare at Gundersen Lutheran - Jeff Rich, Gundersen Lutheran Healthcare • Envision Charlotte Commercial Energy Efficiency Program – Charles Pfeiler, Duke Energy
3:15	Afternoon Break Break Sponsor:

WEDNESDAY AFTERNOON: November 30	
3:45	Concurrent Sessions 3:
3A	THE APPEAL OF SUSTAINABLE HOUSING DEVELOPMENTS: EFFECTS ON END USERS Moderator: John Wilson, Energy Foundation
	 What Impact Has Building Environmental Profile on Tenants' Decisions and Behavior? - Agnieszka Zalejska-Jonsson, Royal Institute of Technology Climate Change Mitigation and the Social Housing Sector - Carolyn Hayles, Center for Alternative Technology Advocating for Energy Codes to the Non-Codes World of Real Estate - Alllison Webster, Northeast Energy Efficiency Partnerships
	Empowering Buyers with Home Affordability Intelligence – David Becker, CNT Energy
	LIGHTNING SESSION: STATE AND LOCAL-LEVEL POLICY PERSPECTIVES Moderator: Valerie Richardson, KEMA
38	 Maybe Lack of Financing is the First Barrier to Address? - Patrick Keegan, Ecos Culture Change through an Environmental Management System - Laura Fiffick, Gresham, Smith and Partners Using Policy to Influence Behavior at the Local, State, and Federal Levels – Real World Interventions Using CBSM Techniques in Recycling and Sustainability – Juri Freeman, Econservation Institute Current Response to the Pacific Northwest Power Planning and Conservation Act and Shaping Energy Efficiency Policy in the Pacific Northwest - Jason Salmi Klotz, Northwest Energy Efficiency Alliance Energy Use Behavior and Cooking Practices: The Adoption and Sustained Use of Biomass Stoves - Ilse Ruiz-Mercado, UC Berkeley
	WORLDVIEWS, LIFESTYLES, ATTITUDES AND POCKETBOOKS Moderator: Linda Schuck, California Institute for Energy & Environment
gC	 Constructed Logics: Social Ideals, Residential Design and Energy Use - Nicole Woolsey Biggart, Energy Efficiency Center Local Weather and Perceptions of Global Warming - Lisa Zaval, Columbia University Psychological Underpinnings of Environmental Decisions - Susan Ledlow, ASU Global Institute of Sustainability Mainstreaming Behavior: The Need for a Common Framework and Terminology. Do We Have a Winner? - Stephen Bickel, D&R International, Ltd.
	SEGMENTATION AND TARGETING PROGRAMS Moderator: Wesley Schultz, California State University, San Marcos
3D	 Social Mobilization: Lessons in Motion From Boulder County's EnergySmart Staff - Beth Beckel, Boulder County Climate Diplomacy in the Heartland: The Clean Energy Ambassadors - Jill Cliburn, Cliburn and Associates, LLC Saving Green Program - Amanda Berens, Foundation Communities
ЗЕ	ENVIRONMENTAL APPEALS: WHAT WORKS, WHAT DOESN'T (ATTITUDES, INFORMATION, PERCEPTIONS) Moderator: Scot Holliday, East Meets West Solutions
	 Going Green to Help Your Genes: The Use of Kin-Based Appeals - Samantha Neufeld, Arizona State University What Does it Mean to Have "Personally Experienced the Effects of Global Warming?" - Ed Maibach, Center for Climate Change Communication
	 Rapid Energy Savings in London's Households to Mitigate an Energy Crisis - Aurore Julien, University College of London Energy Institute Local Climate Change Impact Information and Its Effect on Attitudes About Climate Change and Personal Behaviors - Marsha Walton, NYSERDA
ЗF	EVALUATING BEHAVIORAL PROGRAMS IN COMMERCIAL SETTINGS: A DIALOGUE ON LIMITS AND POTENTIAL IN THE COMMERCIAL SPACE Moderator: Brian Smith, Pacific Gas & Electric Company
	 Validation of Savings from Behavioral Efficiency Programs - Robert Luneski, Northwest Energy Efficiency Alliance Transforming Energy Sub-Meter Data into Results in Commercial Buildings – Evaluation of an Innovative Training Program in Sydney, Australia - Patrick Crittenden, Macquarie University Sydney Plug Loads in Commercial Offices: Empirical Measurement and Best Practices - Michael Murray, Lucid Design Group
5:15	Networking, Free Time & Poster Session Set-up
6:00- 8:00	RECEPTION & POSTER PRESENTATIONS: SESSION ONE

THURSDAY MORNING: DECEMBER 1	
7:30	Continental Breakfast & Registration
8:30	Morning Plenary
	Keynote: "The Danish Success Story"
	Katherine Richardson, Professor in Biological Oceanography and
	Vice Dean for Public Outreach, Faculty of Science, University of Copenhagen, Chair, 2009 International Scientific Congress on Climate Change, Copenhagen
9:30	Morning Break
10:00	Concurrent Sessions 4:
4A	UNCOVERING THE KEYS TO ACTION: USING VISIBILITY TO BOOST SUSTAINABLE BEHAVIOR Moderator: Sara Van de Grift, Opinion Dynamics Corporation
	 Enabling Sustainable Lifestyles: The Low2No Project in Jätkäsaari, Helsinki - Jan-Christoph Zoels, Experientia Energymark: A Kitchen Table Approach to Reducing Household Energy Consumption – Anne Maree Dowd, CSIRO Putting the COOL Back in Climate: The COOLective Approach to Enabling Community-Based Organizations to Inspire Behavior Change That Reduces Environmental Impact - Dune Ives, Milepost Consulting People Change When Their Colleagues Change: Social Media Motivating Action at Work - Susan Hunt Stevens, Practically Green
	LIGHTNING SESSION: PROGRAM OUTCOMES AND LESSONS Moderator: Gene Rodrigues, Southern California Edison
~	Energy Upgrade California Home Energy Makeover Contest: Innovative Way to Engage Homeowners, Contractors and Media - Edward Thomas, EGIA
4B	• Keeping Up with the Joneses: Results from Three Comparative Feedback Pilots - Kira Ashby, Consortium for Energy Efficiency
	 Out of the Box: Efficiency Research and Next-Era Program Design - Brian Keane, SmartPower It Takes a Village: Using Community Engagement to Encourage Refrigerator Recycling - Nicole Casta, PECI
	Do-It-Yourself Home Energy Efficiency Pilot Project - Paul Markowitz, Efficiency Vermont
	DEVELOPMENT OF TRANSPORTATION RELATER RELAVIOR OUTWICE RECORDANCE
	DEVELOPMENT OF TRANSPORTATION-RELATED BEHAVIOR CHANGE PROGRAMS
4C	Moderator: Frances Natasha Sprei, Stanford University • Can Social Norms Drive Change? - Deborah Brannan, University of Colorado Boulder
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THURSDAY AFTERNOON: DECEMBER 1	
11:30	Break & Poster Set-up
12:00	BUFFET LUNCH AND POSTER PRESENTATIONS: SESSION TWO
1:45	Concurrent Sessions 5:
5A	UNDERSTANDING ENERGY: THE CONTEXT FOR ENERGY-RELATED DECISIONS Moderator: Joe Loper, Itron • Folk Labeling: After-Market Graffiti to Fix Broken Usability - Alan Meier, Lawrence Berkeley National Lab • Community Self-Reflection: Public Electricity Displays Motivate Conservation and Efficiency Actions - Eric Rehm, Positive Energy
5B	Analyzing User-Generated Content: Insights into Customer Backlash Against the Smart Meter - Jane Hummer, Navigant Consulting LIGHTNING SESSION: THINKING OUTSIDE THE BOX IN IMPLEMENTING BEHAVIOR CHANGE PROGRAMS AND POLICIES Moderator: Maria Vargas, US Department of Energy Shenring Backlash Against the Smart Meter - Jane Hummer, Navigant Consulting
	 Changing Behavior: What Are We Asking For? - Kessie Avseikova, Opinion Dynamics Corporation Case Study: Evaluation of an Efficiency Pledge Program - Steve Hastie, Navigant Consulting Urban Living – Constructing New Content for New More Sustainable Spaces – Jan-Christoph Zoels, Experientia A Regional Model of Rebound Effects From Residential Energy Efficiency Investments - Brinda Thomas, Carnegie Mellon University A Behavior-Based Agent Model for Assessing Market Adoption of Solar Photovoltaics - Charles Macal, Argonne National Laboratory Trickle-Down HVAC-omics: How Upstream Market Decisions Influence Sales Strategies - Michelle Levy Bruchs, Research Into Action Modeling the Impact of User Behavior on Heat Energy Consumption - Nicola Combe, Brunel University & Buro Happold Creating Quality Jobs through Energy Efficiency: What Is Needed - Robin Walther, RJW Consulting "Thou Shalt", "Did You Know?" or "Leave It Be" - Mick Dalrymple, ASU Global Institute of Sustainability
5C	KEY LESSONS FROM BEHAVIORAL ECONOMICS Moderator: Annika Todd, Stanford University • Energy Systems Modeling and Behavioral Complexity - Neil Strachan, University College London • Income: What's There to Stress About? The Use of Economic Stress to Measure Budget Constraints - Megan Wibberly, University of Maine School of Economics • Carbon4Square! Utilizing Game Theory and Behavioral Economics for Commercial Real Estate - Jack Davis, JDM Associates • Saving Energy: I'll Do the Easy Thing, You Do the Hard Thing - Shahzeen Attari, Indiana University Bloomington
5D	 REWARDS AND INCENTIVES IN APPLIED TRANSPORTATION BEHAVIOR CHANGE Moderator: Nick Ramfos, National Capital Region Transportation Planning Board Effectiveness of Pay-As-You-Drive-And-You-Save (PAYDAYS) Programs - Allen Greenberg, U.S. DOT/FHWA 511 Carpool Rewards / Documenting Changes to Transportation Behavior - Kit Powis, 511 The Effects of Mobility Management for Companies in the Course of the German Mobility Management Action Program "Effizient Mobil" - Reyhaneh Farrokhikhiavi, Institute for Urban and Transport Planning at the University of Aachen
5E	THE FRONTIERS OF BEHAVIOR RESEARCH Moderator: Steve Nadel, American Council for an Energy-Efficient Economy • ACEEE's Behavior and Human Dimensions Program – Susan Mazur-Stommen, ACEEE • The CoolCalifornia Challenge: A Competition between the "Coolest California Cities" – Chris Jones, UC Berkeley • Unintended Consequences: The Design, Execution, and Outcomes of Efficiency Programs in California – Sam Borgeson, UC Berkeley
5F	CHANGING CULTURE: WHAT IT TAKES TO IMPLEMENT SUSTAINABILITY FOR BUSINESS Moderator: Jim Sweeney, Stanford University • Energy Culture in Organizations Untouched Low-Hanging Fruit? - Evert Bevernage, Det Norske Veritas Belgium NV • Achieving Institutional Behavior Change: The Power of "Roles, Rules, and Tools" - Rick Diamond, Lawrence Berkeley National Lab • Organizational Behavior Change for Energy Conservation - Scot Holliday, East Meets West Solutions, LLC
3:15	Afternoon Break

THURSDAY AFTERNOON: DECEMBER 1	
3:45	Concurrent Sessions 6:
6A	SOCIALLY CONSERVING: MAKING EFFICIENCY MATTER FOR PEOPLE, APPLIANCES AND PRACTICES Moderator: Brent Barkett, Navigant Consulting • Building Occupant Peer Networks and Energy Consumption/Conservation Practice Diffusion – Rishee Jain, Columbia University • Intelligent Billing In Chicago: What Can We Learn From The First Large Trial of Itemized Electric Bills? - Kevin Ashton, Belkin • Button Up Vermont Home Energy Efficiency Campaign - Paul Markowitz, Efficiency Vermont
68	 LIGHTNING SESSION: CHANGE SNAPSHOTS: FROM IT TO LAB FUMES, THE UK TO CHINA Moderator: Bruce Ceniceros, Sacramento Municipal Utilities District Click Your Way to Energy Savings: Behavior Change with Western Mass Saves - Jonathan Edwards, SmartPower Laboratory Fume Hood Campaigns: The Link Between Behavior Change and Energy Savings – Merrilee Harrigan, Alliance to Save Energy Solar PV Adoption in the U.S. Residential Sector: Decision-Making & Behavior Change - Varun Rai, University of Texas at Austin Supply Chains as Leverage Points: Changing Behavior in Chinese Factories - John Silkey, Milepost Consulting Industrial Efficiency Behavior Programs - Ben Foster, ACEEE Designing Sustainable Behaviors into Products - Dave Miller, New York University
960	 SENSING PEOPLES' BEHAVIOR: INNOVATIVE TECHNIQUES TO FIND OUT WHAT'S REALLY HAPPENING Moderator: Craig Isakow, Johnson Controls Another Survey? Not Really. Gathering Energy Use Information Through Amazon Mechanical Turk – Daniel Perry, University of Washington Mapping Peoples' Responses to Thermal Discomfort in Dwellings Using SenseCam - Stephanie Gauthier, UCL Energy Institute Disaggregation: The Holy Grail of Energy Efficiency - Carrie Armel, Stanford University Recent Advances in Algorithms for Energy Disaggregation – Zico Kolter, MIT
6D	 LONG-TERM BEHAVIOR CHANGE: PERSISTENCE AND ENABLING POLICIES AND TECHNOLOGIES Moderator: David E. Blockstein, Council of Energy Research and Education Leaders, National Council for Science & Environment The Importance and Potential of Long-Term Behavior Change: GHG Reductions From Habitual Behavior Changes in Future Low-Carbon Energy Systems - Max Wei, Lawrence Berkeley National Laboratory How Long Do Behavioral Effects Last? Retention Results and Their Effect on Cost-Effectiveness of Social Marketing and Behavioral Programs - Lisa Skumatz, Skumatz Economic Research Associates (SERA) Is It Going to Be There? Risks of Behavioral Savings in Supply-Side Planning - Danielle Gidding, Bonneville Power Administration Long-Term Scenarios for Deep GHG Reductions – Pete Erickson, Stockholm Environment Institute
6E	STANFORD PROGRAM DEVELOPMENT: FOUNDATION TO IMPLEMENTATION Moderator: June Flora, Stanford University • Changing Behavior to Combat Climate Change: The Girl Scouts GLEE Program - June Flora, H-Star, Stanford University • Behavioral Economics Implications for Online Energy Interface Designs: Pilot Studies - Ansu Sahoo, Stanford University • Multivariate Explanation of Residential Electricity Consumption - Amir Kavousian, Stanford University • Behavior Attitudes of Residential Energy Reduction Actions - Maria Roumpani, Stanford University
6F	THE SUM IS GREATER THAN ITS PARTS: SUCCESSFUL PARTNERSHIP MODELS Moderator: Cathy DuBois, Kent State University • Transforming SMEs Through Sustainability Circles - David DuBois, True Market Solutions • A Social Network to Sustain Commitment in Non-Profit Organizations - Mirele Goldsmith, Green Strides Consulting • Harnessing the Power of the Business / Community Networks to Reach Small Businesses - Olivia Patterson, Opinion Dynamics
5:15	MADMEN MEETS BECC: 2011 FILM FEST & HAPPY HOUR" Film fest sponsor: With Host Bill LeBlanc, E Source Film fest sponsor: Come see some short, entertaining videos & ads, discuss their pros/cons, and talk about better solutions to motivate behavior change. Guaranteed laughs and education. Drinks, hors d'oeuvres can't hurt, either and start promptly at 5:15—Films start at 5:30 and ends around 6:30.
7:00	PARTICIPANT – ORGANIZED SESSIONS—Post ideas at registration bulletin board

	FRIDAY MORNING, DECEMBER 2	
7:30	Continental Breakfast & Registration	
8:30 ¥2	Concurrent Sessions 7:	
	 SEMI-LIGHTNING SESSION: INFORMATION OPTIONS; INTERFACE/DESIGN AND BEHAVIOR OUTCOMES Moderator: Kevin Cooney, Navigant Consulting The Influence of Display Medium and Design on Energy-Saving Technology Adoption - Janelle LaMarche, Fraunhofer Center for Sustainable Energy Systems Designing Smart Meters for Smart Living - Jan-Christoph Zoels, Experientia Eco-Feedback in the Home: What Consumers Want - Rebecca Ford, University of Otago The Energy Hub Management System: Enabling and Empowering Energy Managers - Ian Rowlands, University of Waterloo Making Saving Energy Social, Fun and Simple - Justin Segall, Simple Energy 	
	LIGHTNING SESSION: MARKETING AND MESSAGING Moderator: Rick Diamond, Lawrence Berkeley National Laboratory	
7B	 Are We Barking Up the Wrong Tree? Exploring Difference Among Energy Behaviors - Beth Karlin, UC Irvine Who's Still Interested in Energy Efficiency? - Susan Ledlow, Arizona State University, Global Institute of Sustainability Shoot for a CFL in Every Socket - Susan Berg, Arizona Public Service Taking Energy's Pulse - Martha Russell, Stanford University A Cool Approach to Climate Change Mitigation - Kathy Kuntz, Cool Choices Does Information About Adaptation to Climate Change Affect Support for Mitigation? - Amanda Carrico, Vanderbilt University Island Energy Dashboard: Community Resources Drive Demand for a Home Energy Efficiency Program - Marilyn Ostergren, U of Wash. Breaking Open the Black Box of Behavioral Programs - Amanda Dwelley, Opinion Dynamics Corporation 	
	MOVING BEYOND PRICE AS AN INCENTIVE Moderator: Carl Blumstein, UC CIEE	
7C	 Educating the Consumer and Peak Load Shifting: Lessons from the WI Mandatory TOU Experiments - Thomas Heberlein, University of Wisconsin-Madison Discounting the Environment: A Negative Impact of Price Discount on Pro-Environmental Behavior - Daniel Schwartz, Carnegie Mellon Invest in Energy Efficiency? Homeowner Decision Making and Major Energy Retrofits - Timothy Hendrick, Oak Ridge National Lab. Smart Grid Sacramento Residential Response to Real-Time Data and Dynamic Pricing - Vikki Wood, SMUD 	
	AUDITING, SCORING AND RETROFITTING: WHAT WORKS AND WHAT DOESN'T?	
D7	 Moderator: Jeannette LeZaks, Energy Center Wisconsin Efficiency Happens When Everyone Can be a Perfect 10: Innovative Changes Enhance Home Energy Performance Scorecards - Frank Rapley, Tennessee Valley Authority What Do the People Think? Analysis of Early Homeowner Feedback on the US DOE's Home Energy Score - Joan Glickman, US DOE A Simplified Approach to Visualizing Household Energy Potential - Jennifer Edwards, Center for Energy and Environment Leveraging Purchase and Rent Transactions: Building Energy Disclosure and Upgrade Policies - Rebecca Foster, VEIC 	
7E	TARGETING LOW INCOME COMMUNITIES Moderator: Susan Mazur-Stommen, ACEEE	
	 Energy Conservation in Remote Indigenous Communities in Queensland, Australia Gaylene Whenmouth, Ergon Energy Thermostat Behavior in the Low-Income Weatherization Assistance Program - Bruce Tonn, Oak Ridge National Laboratory What Accounts for Unusually High Electric Usage among Low Income Customers If It's Not the Fridge or the Climate? - Carol Edwards, Southern California Edison 	
	DISCOVERING INHABITANTS IN COMMERCIAL BUILDINGS Moderator: Gregg Hardy, Ecova	
7F	 Empowering Energy Efficiency in the Workplace through User-Centered Design - Dan Lockton, Brunel University Beyond Occupant Engagement - Christine Hammer, Sustainable Design + Behavior Getting Down to Business: How On-Site Feedback Unlocks Energy Savings - Anne Dougherty, Opinion Dynamics Corporation Energy Education as a Cost-Effective Program - Merrilee Harrigan, Alliance to Save Energy 	
10:00	Morning Break	
10:30- 12:00	Closing Plenary Funding The Cutting Edge: National Science Foundation (NSF) and Behavior Research – NSF Deputy Division Director Amber Story and Program Officer David McGinnis	
	Bringing it all Home - Recap of Best of BECC 2011, hosted by Rick Diamond, LBNL, and Gene Rodrigues, SCE	
12:00	ADJOURN	

1:00

2:15

POST CONFERENCE EVENTS

Funding The Cutting Edge: National Science Foundation (NSF) and Behavior Research

Join us at a special post-conference event hosted by BECC and the NSF. We'll learn about research funding opportunities at NSF and discuss the future of behavioral science research. Presenters include NSF Deputy Division Director Amber Story and Program Officer David McGinnis, as well as current NSF grant recipients.

Relevant NSF programs include the Social, Behavioral and Economic Sciences (SBE) program, Partnerships for International Research and Education (PIRE) and the Science, Engineering and Education Science (SEES) program. Find out how you and your organization can benefit from NSF-funded research programs and help guide the future of behavioral science research.

ACKNOWLEDGEMENTS

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November 29 – December 2, 2011 Washington, D. C.



2011 BEHAVIOR, ENERGY & CLIMATE CHANGE CONFERENCE

A conference focused on understanding the behavior and decision making of individuals and organizations and using that knowledge to accelerate our transition to an energy-efficient and low-carbon future



Convened by: American Council for an Energy-Efficient Economy, <u>http://aceee.org</u>, California Institute for Energy & Environment, University of California, <u>http://uc-ciee.org</u> Precourt Energy Efficiency Center, Stanford University, <u>http://pec.stanford.edu</u>