HAPPENING
A Clean Energy Revolution

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HAPPENING
A Clean Energy Revolution
What word or phrase comes to mind after watching the film?

Pollev.com/seanmcclella215
What words best describe your feelings after watching this film?

Poll is full and no longer accepting responses.
What words best describe your feelings after watching this film?

Respond at PollEv.com/seanmcclella215
What is Carbon Neutrality, and what is the UC Carbon Neutrality Initiative?
“We are the University of California, and there is no reason that UC can’t lead the world in this quest, as it has in so many others”

– UC President Janet Napolitano
What is UCSF doing with renewable energy, and how does that contribute to the UC Carbon Neutrality by 2025 initiative?
UCSF Sustainability Resources

“Cut the Carbon!” Fair. Wednesday, 10/31/18 at Genentech Atrium, 11-2pm

Energy Star Raffle. Win prizes if you choose Energy Star products on BearBuy

ULT Freezer Rebate. Get rebated up to $6000 if you choose an Energy Star freezer

Adopt-A-Spot. Win prizes if you “adopt” lab equipment and turn them off each night

LivingGreen Certification. Make your labs, offices, clinic units, and events more sustainable

Sustainability Newsletter. Keep up to date with our other discounts, events, and more!
What is the city or state doing to encourage renewable energy?
Rank the following actions from most impactful to least.

Pollev.com/seanmcclella215
Which of the following reduce your carbon footprint the most? Rank in order of most impactful (top) to least impactful (bottom).

<table>
<thead>
<tr>
<th>Activity</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buy green energy</td>
<td>1st</td>
</tr>
<tr>
<td>Have one less child</td>
<td>2nd</td>
</tr>
<tr>
<td>Live without a car</td>
<td>3rd</td>
</tr>
<tr>
<td>Eat a plant-based diet</td>
<td>4th</td>
</tr>
<tr>
<td>Drive a hybrid or electric car</td>
<td>5th</td>
</tr>
<tr>
<td>Wash clothes in cold water</td>
<td>6th</td>
</tr>
<tr>
<td>One less transatlantic flight</td>
<td>7th</td>
</tr>
<tr>
<td>Energy efficient lightbulbs</td>
<td>8th</td>
</tr>
</tbody>
</table>
Which of the following reduce your carbon footprint the most? Rank in order of most impactful (top) to least impactful (bottom).

<table>
<thead>
<tr>
<th>Option</th>
<th>Rank</th>
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<tbody>
<tr>
<td>Have one less child</td>
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Personal choices to reduce your contribution to climate change

*Cumulative emissions from descendents decreases substantially if national emissions decreases.

Average values for developed countries, based on current emissions.

<table>
<thead>
<tr>
<th>Low Impact</th>
<th>Moderate Impact</th>
<th>High Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upgrade light bulbs</td>
<td>Hang dry clothes</td>
<td>Live car free</td>
</tr>
<tr>
<td>&lt; 0.2 tCO₂e</td>
<td>Wash clothes in cold water</td>
<td>Have one fewer child</td>
</tr>
<tr>
<td>0.8-0.2 tCO₂e</td>
<td>Replace typical car with hybrid</td>
<td>Switch electric car to car free</td>
</tr>
<tr>
<td></td>
<td>Eat a plant based diet</td>
<td>Avoid one transatlantic flight</td>
</tr>
<tr>
<td></td>
<td>Switch electric car to car free</td>
<td>Buy green energy</td>
</tr>
<tr>
<td></td>
<td>Live car free</td>
<td></td>
</tr>
</tbody>
</table>

Seth Wynes & Kimberly Nichols, 2017, Environmental Research Letters
What are one or two most important things everyone in this room could do, right now, to reduce their carbon footprint?
Long list of simple things

- Turn your water heater down 3 °
- Change your lightbulbs to LEDs
- Refrigerate **with care**
- Reduce **food waste**
- Change **air conditioning coolant source**
- Turn down your thermostat at night
- Buy a smart thermostat
- Power down your computer at night
- Use power strips to **reduce phantom loads**
- Fix drafty windows
- Love your fans **for cooling**
- Insulate your home
- Take public transportation
- Ride your bike!
- Buy local
- Take your own shopping bag
- Have **meatless mondays**
- Do full loads of laundry
- Choose ride sharing
- Plant a **green roof**
- Support **regenerative agriculture**

happeningthemovie.com/take-action/

“The cleanest energy action you can take is conservation.”
Where do you see the direction of clean energy technology going in the next five years?
Did this event change your opinion of renewable energy?

Pollev.com/seanmcclella215
Closing thoughts

sustainability.ucsf.edu

happeningthemovie.com

librarygreenteam@ucsf.edu

Watch for email – event summary and link to survey
Thank you to all the volunteers!

Kemi Amin
Lisa Leiva
Sheila Quimpo
Kate Tasker
Rowena Eng
Carson Kerger
Isabel Jauregui
Gail Lee
Min-Lin Fang
David Krah
Anneliese Taylor
Sean McClelland
Charlie MacQuarie
And more!