# UC ANR STAFF MEETING FEBRUARY 10, 2017 1:30 TO 2:30 PM

University of California
Agriculture and Natural Resources

# **AGENDA**

**WELCOME** 

**UPDATE FROM STAFF ASSEMBLY** 

> SCHOLARSHIP PROGRAM

SECOND STREET OPERATIONS COMMITTEE UPDATE

THE GREEN OFFICE PROJECT PRESENTATION

**NEW FACES IN NEW PLACES** 

KUDOS/ OPEN DISCUSSION

SAFETY TRAINING - WINTER WEATHER SAFETY

**CHRIS GREER** 

MATT BAUR

LAUREN MCNEES

**ALLEN DOYLE** 

UC DAVIS OFFICE OF SUSTAINABILITY

**CHRIS GREER** 

**CHRIS GREER** 

DAVID ALAMILLO

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# Staff Assembly Scholarship Program NOW accepting applications

- UC ANR Staff Assembly exists to promote staff interests.
- The top priority identified by staff in the Staff Assembly Survey was career development.
- For the next two months, the Staff Assembly is accepting applications for the 2016-17 Scholarship Program.



### More Information is available from

- Assembly Ambassadors
- Staffassembly.ucanr.edu/News/

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Please sign in for safety training credit

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# Green Workplace Program

Environmental Stewardship and Sustainability

Green Workplace Website

Allen Doyle, Sustainability Manager



### **M** ■ M S GREENWORKPLACE

### Kick-Off Overview

Part I – About Green Workplace

Part II - Best Practices



# Part I About Green Workplace

### **M** ■ A A B ■ THE GREENWORKPLACE

### Campus Vision, Your Vision

#### Zero Waste by 2020

- Reduce
- Reuse
- Recycle
- Compost!

#### Climate Neutral by 2025

- Largest campus PV installation in the country, 60 acres, 16+ megaWatts; 14% campus electricity
- HVAC Efficiency
- Grid purchases

#### Your Vision!

- Green Leaf Pledge—a stretch
- Green Voice





https://www.ucdavis.edu/news/uc-davis-sunpower-dedicate-university-california%E2%80%99s-largest-campus-solar-power-plant

### The Green Office Method



#### Kickoff

Staff awareness and ENERGY

#### **Personal Assessment**

- Desk-side actions
- Green Leaf Assessment
- Open for 2-3 weeks.
- Participation and scores count!

### **Departmental Assessment**

- Central Actions
- Five Modules—Green Team
- Green Champion: 1-2 hr/wk
- · Have Fun!

# STEP ONE

GREEN LEAF SURVEY

# Green Leaf Questionnaire – 10

min

**Everyone Participates!** 

• 50% Passing score

• Go for 80%!

Bar Chart at end

# Go for the highest participation!!

Departments up to 120 people have reached 100%!

➤ OR achieved 86% Nice Work!

Can you?

**GreenleafAssessment.UCDavis.ed** 

u





# STEP TWO

DEPARTMENTAL ASSESSMENT



## Departmental Assessment

### Green Team review and take action

Rate best practices at beginning and end of

Programmental Actions **Purchas** Will Do Doing Already **Eligible Points** REQUIRED: Staff members in charge of pur ending R Purchasing Guide & Green Purchasing Guid REQUIRED: We purchase only paper with a Pending R consumer recycled content (campus policy 0 1 We have delegated a Module Leader for pu We purchase Energy Star or otherwise ene 0 0 2 computers, shredders, microwaves, refrige Instead of buying single-use toner cartridg 0 0 2 This saves money & reduces waste. (1 pt 3 Pull-down We purchase 100% post-consumer recycles scores; 0 0 2 pt 30-60%, 2 pt >60%) Honor system 0 0 1 We consolidate purchase orders to reduce

Google Sheet; 5 Modules

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### Assessment Scoring



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### What does it Cost?

### Nothing!

### We give YOU a Swag Bag

- Bike Light
- Power stickers
- Battery recycling
- Games
- Campus map





### Recognition

 Personal Certificate



Framed
 Departmenta
 Certificate



### Celebrate



**Website Page** 

Email
Signature

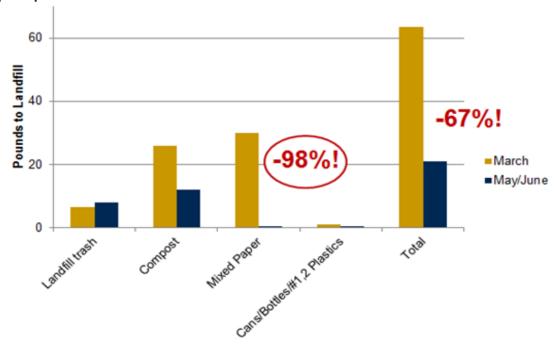
GREENWORKPLACE



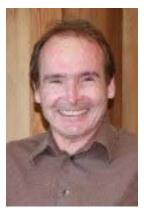
### Does it make a difference?

#### YES!

In one office landfill waste was reduced by two thirds while paper waste was eliminated!



# Your neighbors say,



Bruce German, RMI

It was a great program that brought our very disparate group together.



Jenn Radke, BFTV

Green Workplace makes sense for the basic values of our departments.

### **グロ☆≧丛鳥☆獣SGREENWORKPLACE**

## Your neighbors say,

### Jared Shaw, Chemistry

Green Lab has been extremely helpful in making the process painless, productive and, dare I say, fun!

Many faculty members have a strong desire to help the chemistry department join with the campus sustainability initiatives and the key to its success is having one place to go to get things rolling, and Green Lab provides this important resource.





### You Will Be on this List!

# Academic & Research, Gold certified

**ICE** 

Landscape Design

Extension

Social Sciences

### In Progress

Chemistry,

Viticulture and Enology

**Humphrey Fellows** 

Plant Science

LAWR

Mouse Biology, CNPRC

...many more!

# Administration, Gold certified

Occupational Health

**Graduate Studies** 

Financial Aid

CPFS/FARM

Accounting and Financial Services

Safety Services—

FM - ECO

FM – BMS

CPCR/ESS

Arboretum

Registrar

Fleet Services

Dining Services--NOS

Student Housing

### MARK GREENWORKPLACE

### Let's Have a Green Team!



Is that YOU?



# Part II Best Practices



### **MANUAL AND SET OF THE PROPERTY OF THE PROPER**

# Best Practices on Campus



Green Office

- a) Departmental
- b) Personal

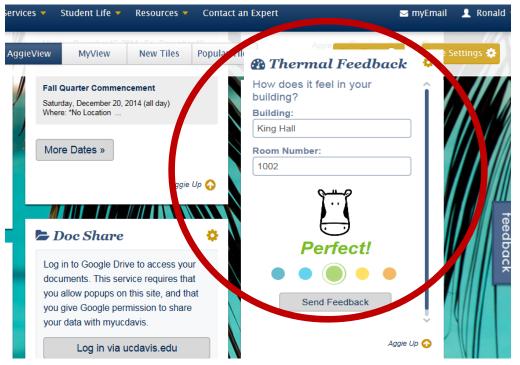
Green Lab





# "Thermoostat" Comfort

### Feedback



Go Here:

- 1) My.ucdavis.edu
- 2) AggieView Tab
- 3) Thermal Feedback
- 4) Or...click

  http://thermoostat.

  ucdavis.edu/
  -Let Facilities

  know if you are
  hot, warm, cool,
  cold, or just

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BONUS: To see a real-time energy profile of your building, go here! <a href="http://ceed.ucdavis.edu/#!/">http://ceed.ucdavis.edu/#!/</a>



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## Lighting

- Optimize for comfort, performance and efficiency
- "Comfort" 50 500
   Lux. Start low, add as needed.





# Lighting

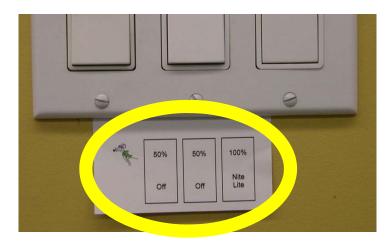
How many scientists does it take to dim the lights?

Answer: 20!

### **Daylight Priority:**

- 1) Use day light
- 2) Task lamps
- 3) Overhead lights off Use what you need





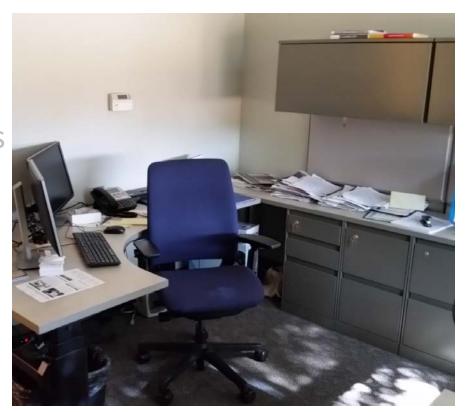


### # ■ REENWORKPLACE

# Lighting

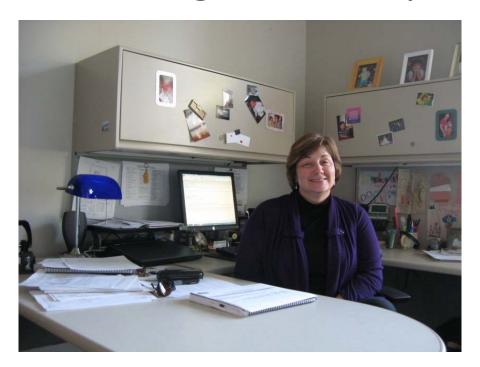
### 1. Daylight

- 2. Desk Lamps
- 3. Overhead lights





# What's wrong with this picture?







### **M** ■ M S GREENWORKPLACE

# What's wrong with this picture?



NOTHING! An MSO with soothing daylight





### LED task lamps



- 1. Daylight
- 2. Desk Lamps
- 3. Overhead lights

-Consume ~5-15 watts compared to most overhead lights using ~50 watts.





### Switch to LED task lamps

-Many available

from Office

Supplies

Distribut

-Check with Campus







### Lighting

- 1. Daylight
- 2. Desk Lamps
- 3. Overhead lights

### What's wrong with THIS picture?





# Light Vampire!



- Prevents headaches
- Sucks Energy



### Slay the Vampires!



- 1. Han Solo vs. Darth Vader ... or ...
- 2. Reduce overhead: 200-400 lux + Desk Lamps
  Thanks to Contract Services! Light meter available to borrow.



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# Reduce Power Settings on Computer











#### # ■ A A B GREENWORKPLACE

## Free digital timers!



# Help campus save energy!

Timers used for water dispensers (500+ on campus).

Save \$20/y.

#### Request one here:

https://docs.google.com/forms/d/19r1 vXK0ruXllpCA2oHRRAcwALKtk5Bqrb6q LNKt0BHq/edit#



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# Next Steps

Which of these energy saving steps would be easy in your office/lab?



## # ■ A A B GREENWORKPLACE

## Time to talk TRASH...







# Reuse

- Use a cloth instead of paper towels
- Buy reused from Aggie Surplus (formerly Bargain Barn).
- Reusable bottle, utensils







# CPECT BETWORKPLACE



**ENVIRONMENTAL STEWARDSHIP** AND SUSTAINABILITY



#### # ■ A A B GREENWORKPLACE

Purchase:

100% Post-Consumer

Recycled Printing Paper

Myth: 100% recycled paper jams my printers! Nope!







Set up: **Double-sided**Printing Default

Gray-Scale
Printing Default







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## **GOOS Paper Set-up**





GOOS = Good On One Side!



## Batteries & Electronics





Desktop Battery Collection



Campus multihins





## Composting and Multi-Bin

## Waste Reduction and Recycling

Aggie Stadium
Cuarto Dining Commons
Gunrock Pub
MU Coffee House
Project Compost
Scrubs
Segundo Dining Commons
Student Farm
Tercero Dining Commons



Activities & Recreation Center
Carlson Health Sciences Library
Earth and Physical Sciences Building
Memorial Union
Shields Library
Plant & Environmental Sciences
Regan Residence Halls
Silo
Tercero Commons





http://campusmap.ucdavis.edu/sustainability

# Réduce Caterny RKPLACE

Vaste
 Order appropriately







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## Where does your trash go?

**Landfill**: Yolo County Central

Landfill

Paper: Davis Waste Removal

Cans & bottles, glass: Recycling Industries in Sacramento



Compost: Zamora Composting

Facility in Zamora, Ca; Biodigester

ENVIRONMENTAL STEWARDSHIP



### # ■ A A A B GREENWORKPLACE

## Divert Waste:

Compost bins & Mini bins









## Recycle Through Campus Mail!

Confidential
Shredding Services
Free pick up!





Help you Manage
Office Waste
Accepts:
toners, inkjet cartridges,
batteries, small e-waste,
and pens



http://afs.ucdavis.edu/our\_services/distribution-services/document-storage-shred/index.html



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# Yes, some things go to the landfill...

- 1)Wrapper on a ream of paper
- 2)Styrofoam
- 3) Plastics #3-7
- 4)Starbucks lids
- 5)Plastic garbage bags
- 6)Ziploc bags
- 7)Red solo cups







http://sustainability.ucdavis.edu/action/zero\_waste/recycle.html





## Thank you!

# Don't forget to complete your Green Leaf Personal Survey!

Find it at: greenleafassessment.ucdavis.edu

Or ask your Green Champion for more
information

Phone: (530) 754-8763

Email: greenworkplace@ucdavis.edu

Website: sustainability.ucdavis.edu

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#### **Know your Hazards**

- Cal OES My Hazards website: <a href="http://myhazards.caloes.ca.gov/">http://myhazards.caloes.ca.gov/</a>
  - ✓ Type in an address and discover the hazards in your area and steps to reduce risk

#### **Know the Difference in Terms**

- Outlook = Take Notice. Conditions are possible in the next 2–5 days.
- <u>Advisory</u> = Be Aware. Conditions expected to cause significant inconveniences and may be hazardous.
- Watch = Be Prepared. Conditions are possible in the next 36–48 hours. Those in area should review plans and stay informed.
- Warning = Take Action. Life-threatening, severe conditions have begun or will begin within 24 hours. Take precautions immediately.

#### **Before a Storm**

#### Be Informed:

- ✓ Monitor weather reports radio, TV, Wireless Emergency Alerts (WEAs).
- ✓ <u>Local Emergency Alert Systems</u> use your internet browser to search for your County name and the word "alert" or "emergency notifications".
- ✓ <u>Apps for Download</u> free smart phone Apps from FEMA and Red Cross provide tips, info on shelters, providing First Aid, and recovery.

#### **Prepare your Home and Vehicle**

#### At home:

- ✓ Winterize your home insulation, weather-stripping, drainage, landscape.
- ✓ Protect from Fire fireplaces, space heaters, candles, generators, alarms.
- ✓ Stock Up check your emergency supplies, 3-day minimum.

#### Vehicle:

✓ Avoid unnecessary trips. Advise others of your destination, route, expected time of arrival.

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#### Winterize your Vehicle







Mittens, Hat, Boots Warm Clothes



First Aid Kit



Jumper Cables

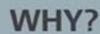


Spare Tire



Flares





Because you never know when you will encounter winter weather or an emergency road closure









Blankets



Full Tank of Gas



Sand or Kitty Litter



Tow Rope

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Flashlight

#### **Prepare your Workplace**

- ✓ Have employee contact info on hand and ability to communicate after hours.
- ✓ Telecommuting determine if employees can work from home, make the necessary arrangements in advance.
- ✓ Vital records/documents/materials stored safely. Backups and continuity.
- ✓ Elevate items and provide barriers if flooding is expected.

#### **Safety Notes for Reference**

- o 166 Office Preparedness for Emergencies.
- o 167 Be Informed about Emergencies.
- o 168 Make a Plan for Emergencies.
- o 169 Build a Kit of Emergency Supplies.
- http://safety.ucanr.edu/Safety\_Notes/

#### **During the Storm**

- ✓ Stay informed by monitoring the weather.
- ✓ Stay indoors and avoid travel unless vital.
- ✓ If the power goes out, close off unused rooms to consolidate & retain heat.
- ✓ NEVER use generators indoors.
- ✓ Limit your time outdoors.
- ✓ Wear several layers of warm, loose-fitting, light-weight clothing.

#### Stay or Go?

#### WHAT TO DO IF STRANDED



- If stuck on the road to avoid exposure and/or rescue is likely.
- If a safe location is neither nearby nor visible.
- If you do not have appropriate clothing to go outside.
- . If you do not have the ability to call for help.

GO

- · If the distance to call for help is accessible.
- If you have visibility and outside conditions are safe.
- If you have appropriate clothing.
- Once the storm has passed, if you are not already home, follow instructions from your local transportation department and emergency management agency to determine which route will be safest for you to get home. Drive with extra caution

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## **Dress Accordingly**



#### **After the Storm**

- ✓ Check your home.
- ✓ Contact those affected.
- ✓ Clean up debris, clear drainage systems.
- ✓ Stay informed of hazards, roadway closures, flooding, etc.
- ✓ Learn from the storm.
- ✓ Re-stock your supplies.
- ✓ Review and amend your plans.
- ✓ Talk with others, neighbors and colleagues, about their experiences.

#### **Resources and Additional Info**

- > CDC Winter Prevention Guide: http://emergency.cdc.gov//disasters/winter/guide.asp
- Winter Driving Tips: <a href="https://www.nhtsa.gov/links/WinterDrivingTips/">www.nhtsa.gov/links/WinterDrivingTips/</a>
- Weather watches, advisories, and warnings: <a href="www.weather.gov">www.weather.gov</a>
- FEMA's Ready Campaign: <a href="https://www.ready.gov/winter-weather">www.ready.gov/winter-weather</a>

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## **Questions?**



please remember to sign-in



