

## Safety Matters

At work and at play, let safety lead the way.

### Congratulations UCI!

UCI was honored with the 2007 UCOP Presidents Award for Excellence in health and safety. This is the third time UCI has received the award since its creation four years ago. This award is given to the UC campus with the best injury prevention program and metrics. These metrics include employee injuries and associated lost work days. Campus Risk Partners that have contributed to injury prevention efforts include Environmental Health & Safety, Human Resources/Workers' Compensation, Risk Management, Campus Recreation, Facilities Management, and Campus Police. Injury prevention efforts have prevented countless injuries and have saved the campus millions of dollars.



From Left to Right:

Grace Crickette, UCOP Chief Risk Officer

UCI Campus Risk Partners:

Sandra Huang Conrad, Susan Pihl, and

Rick Coulon

Joe Adams, UCOP EH&S Director

### Mark your Calendar

April 22, 2008

- Earth Day
- eWaste pick-up  
9am-12pm at the Langston Library loading dock

May 21, 2008

- Wellness & Safety Fair  
12am-2pm at the ARC

June 4, 2008

- Shoe Mobile Day  
9am-1pm at EH&S Parking Lot, Building 41

July 1, 2008

- New CA law that prohibits the use of cell phones by drivers will take effect. Hands-free devices will be allowed, except for drivers under 18.

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### EH&S At Work 2007

**274,855**

pounds of hazardous waste disposed of through EH&S

**685**

campus construction inspections completed

**2356**

on-line ergonomic assessments performed



**5835**

hazardous waste pick-ups

**1900**

individuals attended classroom training

## Rewarding Safe Acts – Winter 2007

EH&S recently recognized and rewarded the following people for engaging in activities and behavior that foster a safe work environment.

### SCHOOL OF MEDICINE

#### Biological Chemistry

##### Joan McLane

**Safe Act:** Provided leadership in implementing the SOS program in her department.

#### Brain Aging Research Unit

##### Rebecca Nishi

**Safe Act:** Organized a common use lab into a safer work environment.

#### Physical Medicine & Rehabilitation

##### Aileen Anderson

**Safe Act:** Organized a common use lab into a safer work environment.

#### Pathology

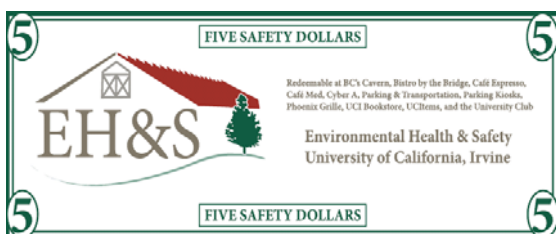
##### Kevin Robert

**Safe Act:** Piloted an online safety course.

#### Gottschalk Plaza

##### Raylene Garcia & Stella Joyce

**Safe Act:** Provided a solution to a serum banking program issue.



### STUDENT AFFAIRS

#### Student Government

##### Tae Hoon Lee

**Safe Act:** Completed the NSC Defensive Driving Course within a week of receiving notification.

#### Hospitality and Dining Services

##### Kate Doty

**Safe Act:** Used appropriate food safety measures to handle various types of food products.

### SCHOOL OF BIOLOGICAL SCIENCES

#### Ecology and Evolutionary Biology

##### John Erme

**Safe Act:** Cleaned and organized the lab during winter break.

### SCHOOL OF PHYSICAL SCIENCES

#### Mathematics

##### Pouya Minazad (student)

**Safe Act:** Moved a table against a wall to avoid a trip hazard with his electrical cord.

### ADMINISTRATIVE AND BUSINESS SERVICES

#### Facilities Management (FM)

##### Baltazar Villa (One Source)

**Safe Act:** Reported a defective door which could have caused serious injury.

##### John Walker

**Safe Act:** Volunteered to present talks on importance of safety at FM Safety Committee meetings.

##### Antonio Flores

**Safe Act:** Consistently places cones around his vehicle during job assignments.

##### Jake Leyerle

**Safe Act:** Reported a potentially serious electrical problem and volunteered to be on the FM safety sub-committee.

##### Tammy Kelleher

**Safe Act:** Took the lead to have all Central Plant staff members complete required safety training.

##### Amy Provorse

**Safe Act:** Took the lead to have all Trades Maintenance staff members complete required safety training.

##### Ernie Legarreta

**Safe Act:** Reported inappropriate chemical handling, collection, storage, and disposal in his shop.

##### Jeremy Martinez

**Safe Act:** Took steps necessary to mitigate a fuel spill. Showed care for the safety of others.

##### Lucinda Wright

**Safe Act:** Took the lead on many special projects regarding FM Safety Committee.

#### Human Resources

##### Martha Nunez-Flores

**Safe Act:** Informed a colleague of an unsafe situation which could have caused a serious injury.

##### Kristien Evans

**Safe Act:** Developed and coordinated data input for TED system.

##### Pam Wilson

**Safe Act:** Reported a safety concern regarding Parking & Transportation employees.

### SCHOOL OF ENGINEERING

#### Song Andrews & Marilyn Armentrout

**Safe Act:** Song aided emergency responders with an employee who was injured during work. Marilyn initiated clean-up of the medical scene.

## EH&S At Work 2007 con't

# 3.83

overall ratings for classroom training (out of a maximum of 4)

# 56

reported safety concerns

# 1242

dosimeters issued (use to measure radiation dose)

# 615

plan reviews completed

## Partnership with Campus Housing on Fire Safety Awareness!



EH&S has partnered with Campus Housing to enhance the fire safety awareness of our students and to reduce the risk of fire on campus. Thus far, EH&S has conducted student housing evacuation drills for Middle Earth and Mesa Court housing complexes which accommodate approximately 2,000 students. In Mesa Court, 1,110 individual rooms have been inspected. Middle Earth is scheduled for room inspections in the upcoming months.



The evacuation drills will continue to be conducted twice yearly and fire safety room inspections will be conducted once yearly. The collaboration does not stop there! EH&S, working with academic departments and Facilities Management, has completed the first round of Fire and Life Safety Building Surveys for all campus buildings.

## Fifth Annual Zone Crew Meeting

The 5th Annual Zone Crew Meeting, held January 24, 2008, broke records with over 145 people in attendance. Participants were thanked for their zone crew participation with a first aid kit.

The main event was a presentation developed by UCI Police on "The Active Shooter Scenario: Protecting yourself and those around you". Officer Ray Keith provided valuable information to apply when a shooter scenario erupts, including these simple strategies for survival:

1. Get out! Escape!
2. Take cover! Then look for a way to Escape!
3. Hide! Then look for a way to Escape!
4. Play dead! Then look for a way to Escape!



Preplanning includes reviewing your work area with a critical eye to identify an Active Incident Safe Place:

1. Have at least 2 exits - don't forget about windows
2. Be able to move furniture to block the doors
3. Have a telephone to call out
4. Put your cell phone on "vibrate" so you don't alert the suspect
5. Be able to notify police of your location & medical need

Sergeants Eladio Acuna and Mark Arnold demonstrated simple techniques to disarm the shooter of a handgun or rifle. Although they emphasized that this is a personal decision and did not encourage people to take this action, they demonstrated how to take action to improve the odds of success.

## You Can Help Reduce Air Pollution

### Part II

Every time you drive to work or school, use your heater or air conditioner, clean your windows, or even style your hair, you make choices that can reduce or increase air pollution.

Part I of this series showed how to reduce air pollution by driving less. Part II takes a look at how driving smart can keep pollution at a minimum. When more people make clean air their business, we will all breathe easier.

### Drive Smart

1. Accelerate gradually.
2. Use cruise control on the highway when appropriate.
3. Obey the speed limit.
4. Combine your errands into one trip.
5. Keep your car tuned.
6. Don't top off at the gas pump.
7. Replace your car's air filter.
8. Keep your tires properly inflated.

That's not all. When shopping for your next car...

9. Look for the most efficient, lowest polluting model or even a zero-polluting electric car.



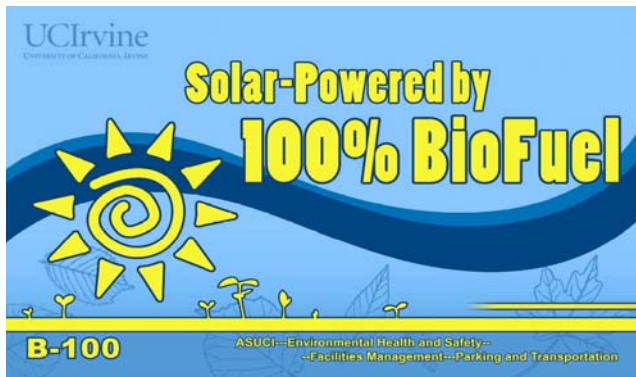
And if you must drive on days with unhealthy air quality:

10. Drive your newest car. Newer cars generally pollute less than older models.

## EH&S, P&TS, FM and ASUCI Win Sustainability Research Award

Focus the Nation, a national movement based on spreading knowledge about global warming and related environmental concerns, came to UCI on January 30-31, 2008. The effort was organized by the Focus the Nation steering committee, Students for Sustainability, and the Orange County chapter of the Society for Conservation Biology. 400 faculty, staff, students, and community members registered for this two-day event. Sustainability and climate change discussions included more than twenty teach-in sessions, a sustainability showcase, and an environmental expo.

Focus the Nation's Anteater's Choice Award for Sustainable Research was awarded to the Biodiesel Shuttle Bus project, which was prepared and submitted by Dick Sun, EH&S Sr. Manager. Due to growing



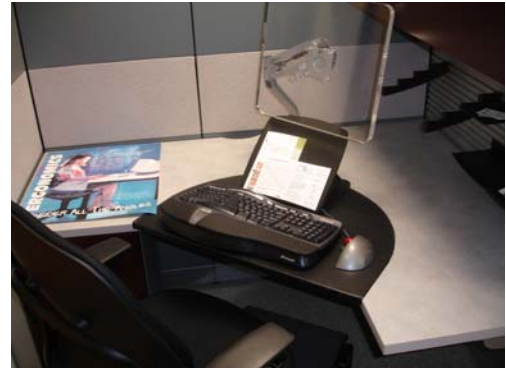
concerns about greenhouse gas emissions and our dependence on imported oil, ecological issues are of increasing social, political, and economic importance. UCI addressed this challenge by adopting a cleaner alternative fuel to reduce the campus dependence on foreign oil and overall carbon footprint.

Studies were conducted on retrofitting a diesel engine to run on 100% biodiesel fuel (B100) and selective catalytic reduction (SCR) technology. The tests at UCI were performed using diesel #2, 20% biodiesel (B20), and B100. Results proved that it is feasible to reduce NOx in diesel engines using these fuels.

EH&S collaborated with ASUCI, Fleet Services, and Transportation Services to retrofit the entire bus shuttle fleet. In March 2007, UCI's first B100 shuttle bus became operational, and by converting all shuttle buses to run on B100, the campus will reduce CO2 emissions by 480 tons per year.

## Ergonomic Demo Showroom

Find your optimum ergonomic set up! EH&S will show you ways to incorporate comfort and adjustability into your workspace.



Try and test various ergonomic equipment such as keyboards, mice or pointing devices, chairs, etc. at the Ergonomic Demo Showroom located in the EH&S building (Building 41 on the campus map).

Call (949) 824-6200 for an appointment prior to your visit.

We are on the map & on the web!

**SPRING 2008**

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