



UCDAVIS

FIRE DEPARTMENT

Annual Report

2012-2013

MESSAGE FROM THE CHIEF

2012-2013 proved to be another year of significant change and innovative advancements at the UC Davis Fire Department.

Our evolution as an organization comes at a time when fire and emergency service agencies are continuing to struggle with funding, managing increased pressure to find efficiencies, re-imagining how we deploy limited resources, and fundamental changes to America's healthcare system are looming that will have dramatic impacts on our future service delivery models. The list goes on and on...

I am proud to say that the UC Davis Fire Department is on the leading edge of responding to these challenges. We have adopted a forward looking strategy to develop our future plans and I am confident that our community will be the benefactors of the hard work we are putting into creating a more sustainable business model for tomorrow.

Over the last year we have engaged the campus community like never before, with exciting new programs that increase interaction, teach important life-saving lessons, and offer a glimpse into our daily operations that is rarely seen in our industry. I can safely say that what we have done thus far is only the beginning!

I feel fortunate everyday to be surrounded by a world class team of talented fire service professionals who give their all in service to this great academic institution. On behalf of the men and women of the UC Davis Fire Department, we thank you for the opportunity to serve!



Fire Chief Nathan Trauernicht

OUR VISION, MISSION, AND VALUES

Our Vision

Is to be a model organization through innovative delivery of emergency and wellness services.

Our Mission

The Mission of the University of California Davis Fire Department is to protect and enhance the safety and well-being of our community with pride and excellence.

We Value

As members of the University of California Davis Fire Department and part of the UC Davis Community, we are dedicated to the following values:

Dedication to honesty and fairness, as essential to the trust of our community and customers;

Innovation in our culture and services, while respecting our deep and valued traditions;

Leadership that promotes professionalism, exceptional service, a positive work environment, and job satisfaction;

Service beyond expectations; we will be identified by the pride and professionalism exhibited in all that we do;

Respect as the pillar of cooperation, understanding, and the basis of exceptional service; we value ourselves, each other, and our community;

Integrity reflected in our honest and ethical behavior.

SUPPORTING A VISION OF EXCELLENCE

UC Davis is recognized as one of the nation's top-tier public research universities. As such, the UC Davis Fire Department provides dedicated, selfless service to reduce the impacts of emergencies on instruction and research.

Our commitment to students, faculty and staff is evident in the comprehensive variety of programs and services we deliver:

- ◆ Following the highest standards in life safety, our organization delivers all-hazard emergency response to the campus and neighboring communities, including response to medical emergencies, fires, hazardous materials releases, and natural disasters.
- ◆ We engage in strategic community interactions with students, faculty and staff to reduce risk, prevent injuries, and help prepare for emergencies. Providing outreach through a number of annual events such as Fire Day on the Quad and Picnic Day are examples of ways we work to mitigate risks through public education.
- ◆ Our nationally-recognized Student Resident Firefighter Program weaves our organization into the fabric of the University. The program teaches firefighting skills to a select group of qualified students who live and work at the campus fire station while pursuing their four year degrees. Student firefighters receive hands-on training and professional experience in all aspects of fire and emergency services. Participation improves the students' career opportunities upon graduation, should they choose to continue in the profession.
- ◆ UC Davis is the lead agency for Yolo County's Multi-Agency Hazardous Materials Response Team, whose role it is to eliminate the immediate threat of exposure from the release of biological, chemical or nuclear agents. By participating in this cooperative effort, the cost of response is shared, allowing the University and all residents of the county to receive the highest quality service at a reasonable cost. With our institution's many research and educational laboratories, this program is essential to the well-being of the campus community and the protection of its critical infrastructure.

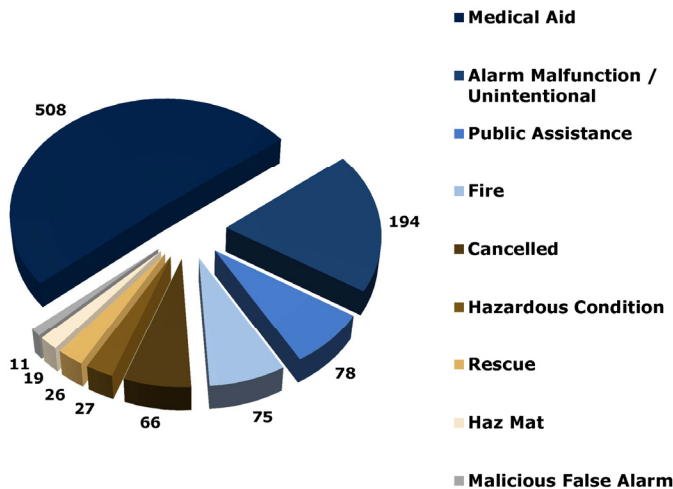


Engineer Mercado and Firefighter Nilsson operate the 100' aerial ladder on Truck 34 as part of a training exercise.

UCDFD BY THE NUMBERS

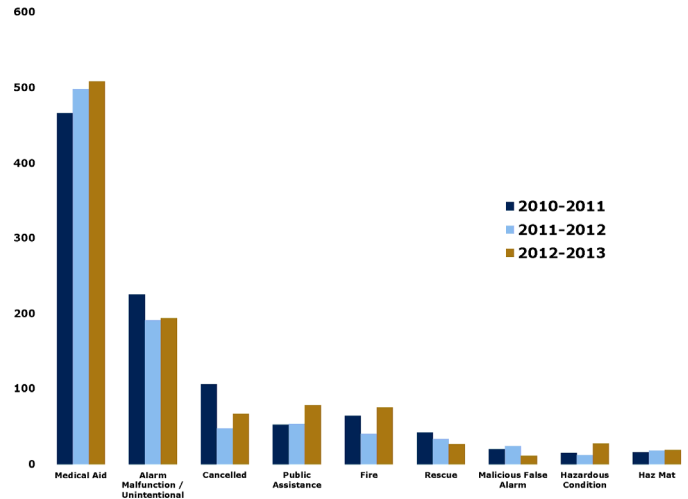
The UC Davis Fire Department, established in 1917, has witnessed nearly a century of changing trends in the fire service. Originally established by the dean of the College of Agriculture to mitigate fires on the University Farm, today the UC Davis Fire Department responds to a wide array of calls for service, including: technical rescue, medical emergencies, hazardous material releases, and of course, fires.

Fires no longer dominate our calls for service, and other call types have increased as the University has expanded its community population and use of campus space for research and academic pursuits. The Fire Department has responded by realigning resources to meet the university's changing needs.



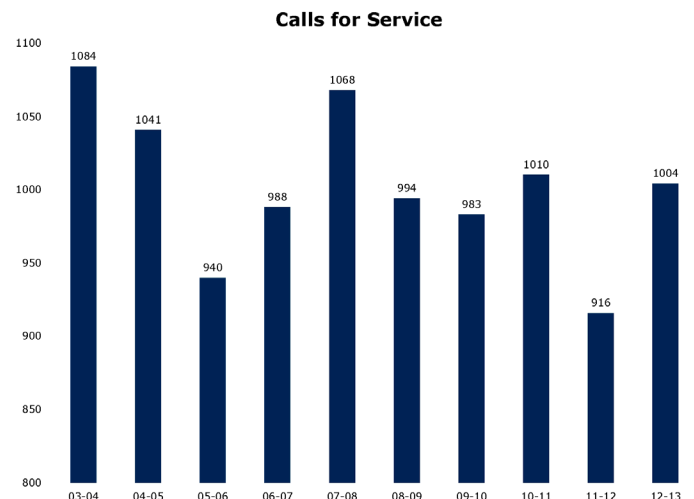
A look at our annual calls by type indicates that more than 50 percent of our calls are medical in nature. As such, our firefighters spend a commensurate amount of time training on medical-related continuing education, hands-on exercises, and skills testing.

While fires and hazardous materials calls make up a significantly smaller proportion of our call volume, these types of incidents are considered low frequency but high risk, and thus make up the bulk of remaining training time.



As the campus population continues to grow, it is likely that we will continue to see an increased need for fire-related services throughout the campus community.

Through collaboration, outreach, education and awareness, the UC Davis Fire Department hopes to continue the steady reduction in avoidable calls for service, while remaining ever-ready for campus emergency incidents.



UC DAVIS FIRE DEPARTMENT INTRODUCES PULSEPOINT

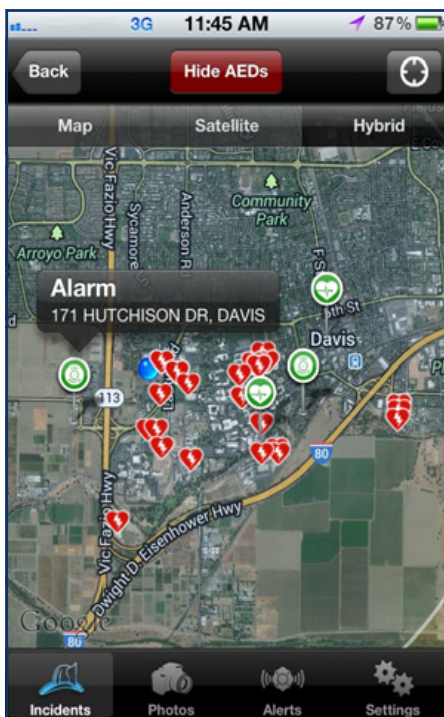
BUILDING A COMMUNITY OF EVERYDAY HEROES

Sudden cardiac arrest (SCA) is the leading cause of death in the United States, outnumbering breast, colon, and prostate cancers, AIDS, traffic accidents, house fires, and gunshot wounds combined. Although immediate intervention is key to victim survival, many people trained in CPR will never have the chance to use their skills.

PulsePoint is a smartphone app designed to remove many of the obstacles associated with saving a life. It assists public safety organizations in improving cardiac arrest survival rates by expanding the “witnessed” area of an SCA.



The PulsePoint smartphone application engages the public by providing awareness of the response activities of the local fire department, while offering a way for good samaritans to contribute to become part of our “community of everyday heroes.”



PulsePoint is an award-winning technology that uses an interactive map to show the location of in-progress emergencies and the closest public access defibrillator.

For the agencies utilizing it, PulsePoint notifies samaritans who have registered when an SCA is reported. Users who have indicated that they are trained in CPR and willing to assist are notified by this location-aware app if someone in their vicinity (walking/running distance) is having a cardiac emergency. They are dispatched simultaneously with advanced medical care from the UC Davis Fire Department.

In the case of an emergency, those who opt in will receive a push notification accompanied with a distinctive alert tone. This will be followed by a map displaying the dispatched location of the emergency along with the present location of the user, and the nearest Automated External Defibrillator (AED). Fast defibrillation is an integral link in the cardiac chain of survival, and this app helps deliver just that.

The app also has other unique features such as a local AED map, displaying all public AEDs, a live stream of radio traffic from dispatch and a photo section highlighting the agency. It also allows you to personalize your notifications for the emergencies of which you would like to be notified.

PulsePoint is just another way the UC Davis Fire Department strives to build a safe campus for students, faculty, staff, and visitors.



((PulsePoint))

OUR COMMITMENT TO HEALTH & WELLNESS

FIREFIGHTER FITNESS PROGRAM



Using certified instructors, firefighters learn proper body mechanics and how to safely lift/move large objects, with the overarching goal of reducing injuries.

The goal of the new UC Davis Firefighter Fitness Program is to enhance the overall health, strength, and well-being of our firefighters and was created in accordance with the 2012-2020 UCDFD Strategic Plan's Line of Business #1: Employee Safety and Wellness. This line of business recognizes the hazards and risks inherent in firefighting and sets forth a proactive approach to ensure the safety and health of the members of our department. The implementation of the Firefighter Fitness Program also fulfills our goal of maintaining a fitness/wellness program that meets national standards.

Twice a month, each shift goes to the Activities and Recreation Center (ARC) for a 1.5 hour training session. The workouts start with stretching, followed by 20-30 minutes of group lifting. For the last hour, the firefighters go through circuit training that incorporates both strength and stamina workouts essential for meeting the physical demands of the job. Over time, the workouts build in intensity to increase fitness levels and build strength in key job-related areas. These supervised workouts help firefighters recognize their weaknesses, and learn proper technique. By doing so, they can apply many of the skills learned to the lifting and motions they do everyday.

FIT FOR FIRE

In Winter 2012, the UC Davis Fire Department partnered with the Fitness and Wellness division of Campus Recreation and Unions to create "Fit for Fire," a nine-week outdoor boot camp class designed to give participants a workout like no other. This small instructor-led group fitness class takes place at the fire station on Kleiber Hall Drive and is taught by two personal trainers and firefighters. "Fit for Fire" focuses on strength training, cardiovascular endurance, and building the speed, agility and quickness required to be a firefighter. The firefighters incorporate functional exercises such as forcing open doors, pulling hoses, dummy drags and other activities that a firefighter encounters on the job.

"Fit for Fire" is a fun, new way to work out and is open to all UC Davis students, faculty, staff, and others with an ARC membership. The class promotes building a healthy community, as outlined in the department's mission, while also serving as a resource to better prepare aspiring firefighter and student firefighter candidates.

"Fit for Fire" is also a component of the department's outreach efforts. The class welcomes the community to the department's location on campus, and exposes participants to the physically demanding situations our firefighters experience. The class is designed to get anyone in shape, whether they want to be a firefighter or just be healthier.



Led by ARC trainers and firefighters, the "Fit for Fire" group exercise class has proven to be a popular fitness class exceeding enrollment expectations every quarter.

OUR NEWEST FIREFIGHTERS



Derek Carthy

Firefighter

Hometown: San Mateo, CA

Derek was hired as a career firefighter with the UC Davis Fire Department in February 2013.

He graduated from UC Davis in 2012 with a degree in

Managerial Economics and a minor in Communications. Derek became an EMT through UC Davis' Outdoor Adventures and received his Firefighter I certification through the California Regional Fire Academy, from which he graduated in 2010. That same year, he was hired as a Student Resident Firefighter with the UC Davis Fire Department and remained in the program until his graduation. During his college career, Derek was also a wildland firefighter for the Davis Fire Crew, a reserve firefighter for the Woodland Fire Department, and a volunteer firefighter for the Dixon Fire Department.



Michael McCartney

Firefighter

Hometown: Walnut Creek, CA

Michael was hired as a career firefighter with the UC Davis Fire Department in May 2013.

He graduated from UC Davis in June 2012, after receiving his Bachelor of Arts degree in Political Science. He joined the

UC Davis Student Resident Firefighter program in 2010, and remained in the program until his graduation. Michael is currently pursuing his Paramedic Certification through San Francisco City College.

STUDENT ADMINISTRATIVE STAFF

The Administration Division of the UC Davis Fire Department is responsible for the business and support functions of the organization, including accreditation management, business office coordination, data analysis, and technology support.

The Administration Division includes three student fire administrative support assistants, who have an interest in the fire service, marketing, medical, or hospitality fields. Employment of these administrative support assistants provides UC Davis students with the opportunity to work directly with UC Davis Fire Department staff, and experience first-hand how a fire department is run. The duties of the administrative support assistants include:

- Data entry and support of the West Valley Regional Fire Training Consortium and Yolo County Office of Emergency Services (OES).
- Assisting in development of special projects, presentations, and events for public education and outreach.
- Participating in special events with the fire department, conducting community outreach and education.
- Assisting in maintaining the department's social media accounts and website.



Our Student Administrative Support Assistants serve in a variety of capacities, and their positions provide another way for the UCDFD to be connected to those we serve.

WEST VALLEY REGIONAL FIRE TRAINING CONSORTIUM



The West Valley Regional Fire Training Consortium (WVRFTC) was founded in 2012 in response to reduced training division staffing throughout Yolo County. The Consortium is lead by UC Davis Fire Department Deputy Chief John Heilmann. The WVRFTC consists of the UC Davis, City of Davis, West Sacramento, and Woodland Fire Departments. Through this innovative and collaborative effort, the Consortium administers the following:

- ◆ Managing the annual training calendar for all participating departments
- ◆ Scheduling state, OSHA, and federally mandated training
- ◆ Development and evaluation of measurable standards for specific training evolutions
- ◆ Scheduling and coordinating EMT continuing education
- ◆ Scheduling and facilitating all multi-agency training
- ◆ Coordinating instructors for consortium training

The WVRFTC has empowered the UC Davis Fire Department to collaborate with our partner fire agencies in Yolo County and create a training program that strengthens our regional effectiveness when responding to emergencies in all the communities.

Over the last year, the WVRFTC has been successful in coordinating multi-agency drills, providing state fire officer certified classes at reduced fees, and facilitating a speaker series which brought renowned professionals in the fire service to speak about their experiences.

The WVRFTC has partnered with South Bay Regional Training to provide funding assistance with upcoming training. The Consortium looks forward to maintaining current offerings while adding live fire structure training in August, a truck academy in October, and a new record keeping system designed by Target Solutions that will bring all training data to one location.

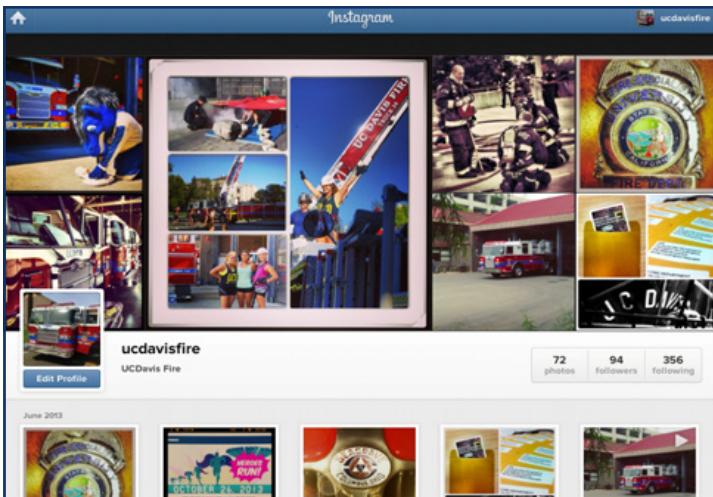
The WVRFTC has also partnered with the Office of Emergency Services (OES) in Yolo County. Through this partnership, the Consortium now plays an important role in training city and county employees to work in emergency operation centers (EOCs) and respond to disasters. The WVRFTC will collaborate with OES to deliver specific training in the areas of logistics, finance, plans, operations, and more.



Members of the WVRFTC during an interior search technique training.

SOCIAL MEDIA

Through the use of social media, the UC Davis Fire Department is able to better communicate with the campus and greater community, while also shedding light on the day-to-day happenings of the fire service. UCDFD social media offers a unique perspective into the life and inner workings of an active fire department. The department has been using Facebook and Twitter to promote upcoming events, send out safety messages, and create awareness.



Instagram provides a visual glimpse into the daily operations of the UC Davis Fire Department and the community we serve.

On the recently redesigned UC Davis Fire Department website, visitors can find any information they need regarding our organization, as well as sign up for the wide variety of services we provide beyond emergency response, including:

- Request Sidewalk CPR Training
- Event EMT Services
- Schedule a Fire Station Tour
- Schedule a Fire Department Guest Speaker
- Request an Automated External Defibrillator (AED) for Your Building
- Request an Incident Report
- Fire Prevention Services

Our customers may also find and complete a customer survey upon receiving any one of our services, which helps the department ensure that we are performing at the levels of excellence that define our organization's vision, mission, and values.



Facebook connects us to the campus with photos, news and events that tell the story of our department and help spread our fire and life safety messages.

This year YouTube and Instagram were implemented as additional tools to reach out to our community. YouTube has been a wonderful tool for the department to share important messages with the community, such as how to properly perform compression-only CPR. Instagram has been an effective way of showcasing the department and highlighting what personnel do on a daily basis.

Follow UCDFD Social Media:

Facebook: facebook.com/UCDFD

Twitter: @UCDavisFire

Instagram: UC Davis Fire

YouTube: UC Davis Fire



Visit us on the web at: fire.ucdavis.edu.



OUTREACH AND INTERACTION

BILLBOARD BIKE AND TRIKE 34

How do you have more meaningful interactions with the people you serve? Get out of a fire truck and onto a tricycle or bicycle!

Outfitted with storage for public education materials and adorned with our social media information, Trike 34 and our Billboard Bike were retrofitted by station personnel to match existing apparatus. Both are used for community outreach, and can be seen at campus events such as football games, Picnic Day, and Decision Day for incoming students and their families.



Student Firefighters Bugsch and Zheng riding Trike 34 and our Billboard Bike in the 2013 Picnic Day Parade.

SILO FARMERS MARKET

This year, the UC Davis Fire Department attended the UC Davis Farmers Market on the Silo Patio every Wednesday of Fall and Spring quarters. UCDFD firefighters, student firefighters, and Street Team members set up a booth and provided reusable grocery bags filled with all sorts of information on the fire department and the services we offer to the community.

In addition, market visitors can receive a free blood pressure screening and learn how to perform Sidewalk (compression-only) CPR in less than two minutes!

Hosting a booth at the UC Davis Farmers Market at the Silo Patio is just another way for our department to help promote safety and a healthy campus.



Members of the UCDFD spend their Wednesdays teaching Sidewalk CPR at the UC Davis Silo Farmers Market.

UCDFD STREET TEAM

This winter, the UC Davis Fire Department created the UCDFD Street Team. The Street Team is a group of UC Davis students who function in a volunteer capacity with the department to aid in outreach, interaction, and education activities directed towards the campus community. The purpose of the Street Team is to provide a conduit for interaction between the fire department and those we serve with the ultimate goal of reducing barriers to communication.

The Street Team provides an alternative to traditional fire department outreach using specially trained community members to reach targeted demographic groups. Members of the team are educated in our organization’s vision, mission, and values, and are knowledgeable about our programs and services.

Members of the team engage community members and encourage their participation in events and programs such as the Health and Wellness Fair, Fire Day on the Quad, Farmers Market, and Pancake Breakfast.



Fire Captain Jester and one of our UCDFD Street Team volunteers helping teach compression-only “Sidewalk CPR” to personnel of the Office of the Chancellor and Provost.

SUPPORTING A HEALTHY CAMPUS

On Saturday, October 26, 2013, the UC Davis Fire Department will be co-sponsoring the UC Davis Heroes Run. The department is not only helping sponsor the event, but several UCDFD members will be dressing up as their favorite superheroes to run. Proceeds from the event will benefit UC Davis students through the ASUCD Endowment Fund, which awards tuition support for over a dozen outstanding UC Davis students annually. UCDFD enjoys having the opportunity to support and give back to the campus and its students with events such as this, helping UC Davis students, all while promoting a healthy lifestyle in a fun way.



UC Davis Heroes Run October 26, 2013
For more information visit heroesrun.ucdavis.edu.

CHANCELLOR'S FIRE ADMINISTRATIVE ADVISORY COMMITTEE

In early 2013 the UC Davis Chancellor approved the creation of the Fire Administrative Advisory Committee at the request of Chief Trauernicht, to help bring the department closer to the community we serve. Our ability to provide excellent community service relies directly on our relationship with the community. Having this committee helps give the UC Davis Fire Department a diverse perspective on campus community needs and serves as a conduit for communication.

The committee goals are to: 1) Provide insight to the Fire Chief and department staff on how to better serve the campus; 2) Review and give feedback on current or proposed programs, services, performance metrics, community outreach, and interactions; 3) Act as campus ambassadors for the Fire Department.

The committee is composed of:

- 2 Undergraduate students
- 2 Graduate students
- 2 Faculty members
- 2 Staff members
- 1 Representative from the VC of Student Affairs
- 1 ASUCD Representative
- 2 Members who represent other facets of the UC Davis community at large



Chief Trauernicht welcomes new UC Davis students as part of Freshman Orientation.

ACCREDITATION

The UC Davis Fire Department has been working tirelessly on becoming accredited by the Commission on Fire Accreditation International. Founded in 2006, CFAI was created in an effort to help fire and emergency service departments from around the world thrive under new pressures. With the expectation to “do more with less,” CFAI has created a comprehensive self-assessment and evaluation model that empowers fire and emergency service organizations. CFAI helps determine community risk, evaluates department performance, and establishes a method for continuing improvement. Over the past seven years CFAI has accredited 171 departments around the world. Departments who become accredited have access to important tools for long and short term planning, budgeting, as well as guidance from experts in the field on organizational and professional excellence.

The UCDFD is currently going through the self-assessment process and hopes to be completely accredited by the end of 2014. This will aid the department in achieving our goal of providing unparalleled excellence in service to our community.



**Commission on
Fire Accreditation
International**

GIVING BACK

SEEING PINK — OCTOBER 2012



UCDFD personnel represent the department at Fire Day on the Quad in pink for October.

Our employees donned pink UCDFD t-shirts again for the month of October to bring awareness to National Breast Cancer Awareness Month and raise money for breast cancer research.

Through the public sale of the pink shirts, UC Davis Fire raised more than \$1775 for the Susan G. Komen Foundation.

PEDALING FOR A CAUSE MAY 2013



Fire Station 34 served as a rest stop for those who cycled 330 miles for four days as part of the NorCal AIDS Cycle.

Whether financial or symbolic, being a member of our fire department means being active in giving back to a community and region that has given us so much.

UC Davis Fire Department served as a rest stop on the final day of the 330-mile NorCal AIDS Cycle. From campus, the cyclists made their way to the finish line at the California State Capitol. Members of the campus Fire Department participated in the four day fundraiser: Captain Shawn Cullen as a cyclist; and Meghan Scannell, Executive Assistant to the Fire Chief, as a medical crew member. On-duty personnel ran the rest stop at Station 34, about midway through the last day of the ride, which took cyclists from Woodland to Winters to Davis, and then on to Sacramento. The ride brought in more than \$330,000 in donations for ten Sacramento and Northern California HIV/AIDS service organizations.

9/11 MEMORIAL STAIR CLIMB

SEPTEMBER 2012

Ten members of the campus Fire Department took to the stairs in the West Entry Parking Garage to pay tribute to the 343 New York City firefighters who lost their lives in the terrorist attack on the World Trade Center eleven years ago. Wearing their emergency gear, the UC Davis firefighters started climbing at 6:30 a.m., up and down, up and down, until 9 a.m. - symbolizing the New York firefighters' heroic climb on Sept. 11, 2001.



Chief Trauernicht and crew climbing the stairs continuing a UCDFD tradition as a tribute to the firefighters who lost their lives on Sept. 11, 2001.



Student Firefighter Trevor Machado-Ching making pancakes for the annual Student Firefighter Pancake Breakfast.

PANCAKE BREAKFAST APRIL 2013

Since 2005, the Student Firefighters of the UC Davis Fire Department have hosted an annual All-You-Can-Eat Pancake Breakfast at Station 34.

The breakfast, prepared by UC Davis' very own Student Firefighters, included pancakes, bacon, sausage, eggs, hash browns, pastries, coffee, and juice. Proceeds from the breakfast always benefit non-profit organizations, and this year \$1300 was donated to the Firefighter's Burn Institute and \$1000 went to Relay for Life. During the breakfast, the Student Firefighters hosted an equipment demonstration, in which the public was invited to try on

firefighter protective equipment, spray water from a fire hose, and explore the fire apparatus. This event is open to the public and is a great opportunity to meet the campus firefighters, see the fire engines, and support a good cause.

CONQUERING KIDS' CANCER

MARCH 2013



Members of the UC Davis Fire Department (above) participated in a shave-a-thon benefiting St. Baldrick's.

In what has become a popular new tradition, members of the UC Davis Fire Department raised more than \$5000 for the St. Baldrick's Foundation, a childhood cancer charity that works closely with the UC Davis Children's Hospital in Sacramento. In addition to fundraising, firefighters and Chiefs Trauernicht and Heilmann committed to shave their heads in solidarity. The UC Davis community was invited to the station for the event.



The UC Davis Fire Department provides unparalleled protection for our students. As a University-dedicated fire

department, we provide students and their families peace of mind that their safety is our greatest priority. UCDFD crews provide regular fire and life safety talks and demonstrations to student groups at the fire station and out in the campus community during our public education and outreach events, including Fire Day on the Quad and Picnic Day.



Firefighter Schultz teaching a student about the different types of smoke detection systems.

- One of the most unique features of the UC Davis Fire Department is our Student Resident Firefighter program. Started in 1955, this program teaches firefighting skills to a select group of students who live and work at Fire Station 34.



The most recent class of UCDFD Student Resident Firefighters.

PROTECTING STUDENTS



Student Resident Firefighter Gilik and Firefighter Dubs teach students how to perform compression-only CPR at the Silo Farmers Market.

- The UC Davis Fire Department maintains 15 Student Resident Firefighters who, once selected, become working members of the UC Davis Fire Department.
- Required to staff one 24 hour shift, four 14 hour shifts, and two training sessions per month in exchange for housing at Station 34, additional compensation is provided when the students respond to emergency calls while not on duty.
- The Student Resident Firefighters are expected to represent the University and the department while on duty, and have the distinction of being a part of one of only three such programs in the United States.



CREATING A SAFE ENVIRONMENT TO LEARN

UC DAVIS Fire Department firefighters are uniquely suited to respond to the many different challenges that a large, world-class educational research institution may face, and are focused on safeguarding the life's work and innovation of our researchers.



The UC Davis Fire Department holds regular training exercises to ensure responder readiness for hazardous emergencies to minimize disruption to the campus community.

Our commitment to students, faculty and staff is evident in the comprehensive variety of programs and services we deliver:

- Our fire department leadership is keenly aware of the university's research mission, and have incorporated it into all facets of our operations.
- UC Davis' Hazardous Materials Response Team is highly trained and in a constant state of readiness to eliminate the immediate threat of exposure from the release of a variety of agents and toxins.



Firefighters train with BSL 3 lab personnel to ensure appropriate care of occupants, while safeguarding our environment from contamination.

SAFEGUARDING RESEARCH

- UCDFD personnel have received specialized training in support of a safe research environment, including electric vehicle battery safety, magnetic resonance training, and biosafety lab (BSL) procedures.
- Fire Department personnel hold regular fire drills for research facilities, and assist in evacuation planning.



UCDFD personnel discuss emergency response coordination with professors and laboratory staff.

- Our personnel practice information and hardware preservation techniques to minimize disruption of research and education, and are often the first to respond to your emergency.



UC Davis firefighters assist grad students Matt Jones and Kyle Gaiser with a hydro-power engineering project. The students needed a consistently high level of water pressure, and the UC Davis Fire Department was more than happy to oblige!

SUPPORTING THE RESEARCH MISSION

UC DAVIS strives to support faculty and staff through Worklife and Wellness programming, which enables staff to be successful at work, school and home. At the UC Davis Fire Department, we are committed to providing you a safe workplace, fire and life safety education, and events that reach out to faculty, staff and their families.



Managed by the Fire Department, the campus' Public Access AED Program facilitates the installation of Automated External Defibrillators (AEDs) in strategic locations throughout the campus community. CPR and AED training is offered to staff at no cost through Staff Development, which uses an AED trainer identical to the model deployed across campus.

Our commitment to UC Davis faculty and staff is evident in the comprehensive variety of programs and services we deliver:

- The campus' Public Access AED program is managed by Fire Department administration, and is intended to deploy these life-saving devices across campus, including remote work sites like the Primate Center, Hopkins Service Center, and athletic facilities like the ARC and the campus pools.
- UCDFD personnel work closely with UC Davis Staff Development to support opportunities for staff to gain life safety training, like CPR.
- The UC Davis Fire Department participates in numerous annual events that provide outreach and safety education to UC Davis staff and their families. We host tours at the fire station, and provide opportunities for visitors to inquire about their role in fire safety.

SUPPORTING FACULTY & STAFF



The UC Davis Fire Department welcomes you and your family to join us at one of our public events. We provide education to adults and children alike, on subjects like emergency evacuation and fire safety.

- In 2013, UC Davis saw the deployment of a lifesaving smart phone application called PulsePoint. The PulsePoint app empowers citizens to provide life-saving assistance to victims of sudden cardiac arrest (SCA). Users are notified if someone nearby is having a cardiac emergency and that may require bystander CPR. The app also directs citizen responders to the location of the closest AED.



The UC Davis Fire Department promotes public education on fire safety throughout the year. Events attended include Picnic Day, Fire Day on the Quad, Thank Goodness for Staff (TGFS), and Take Your Daughters and Sons to Work Day (TODS), as seen above.

PROTECTING UC DAVIS' GREATEST ASSET: YOU

APPARATUS

Truck 34 is a Pierce Tiller with a 100 foot aerial ladder. It has a shorter and more narrow wheel base than the previous Truck 34, which allows for better access to tighter locations and crowded roadways. Truck 34 is also lighter than its predecessor, allowing for better handling and shorter stopping distances.



Truck 34

In 2011, the department purchased a new chassis and refurbished its existing Hazardous Materials unit, HazMat 34.

The rebuild of HazMat 34 has made it a more efficient tool for the least frequent but most challenging events. Along with a more powerful engine, HazMat 34 is also more fuel efficient. Its cab is elongated, allowing for all of the passengers to ride in the same compartment. The rear of the cab is equipped with two computer stations and a library of reference materials, allowing for hazardous material categorization while seat belted during response to an incident.



HazMat 34

Although the entire front end of HazMat 34 was rebuilt, the box remains original. Storage space has

been increased by moving the command center into the cab of the apparatus. The top of HazMat 34 was modified, allowing the storage of equipment in compartments, to protect it from the elements and to streamline its appearance. A large scene light has been added to the roof of the vehicle, allowing for more efficient and safer night or low-light operations.



CalEMA 364

Both Truck 34 and HazMat 34 adhere to today's strict emissions standards, trapping much of their particulate matter and regenerating it into a more environmentally friendly exhaust product. Both apparatus are equipped with the best of current safety standards.

In addition to Truck 34 and HazMat 34, the UC Davis Fire Department has three engines. While Engine 234 is our reserve, Engine 34 is one of our two first-out apparatus, and responds to calls daily. Additionally, through an agreement with the California Emergency Management Agency (CalEMA), we house an EMA engine for response. In return for its use on campus, the UC Davis Fire Department agrees to staff the engine and respond to statewide calls for assistance from CalEMA.



Engine 34

UC DAVIS EXTENSION: SENIOR FIRE SERVICE LEADERSHIP CERTIFICATE PROGRAM



For more information please visit
www.extension.ucdavis.edu/fire

UC Davis Fire not only strives to provide outstanding service to our community, but we also are working to become a destination to develop current and future fire service leaders.

In recent years, societal and technological changes have, in some ways, proved advantageous for the fire profession. However, they have also created difficulties by pushing against the norms of such a traditionally based industry. Natural turnover and mass retirements have called for a rapid acceleration of promotions before developing the skills necessary to effectively lead in such a progressive time.

The introduction of the UC Davis Extension Senior Fire Service Leadership Certificate Program aims to create an unparalleled educational experience which will provide future leaders the skills and knowledge they need to be productive and successful, in the form of six required courses that explore topics such as “Breaking the Mold” and “Power, Politics, and Personality.”

This exceptional program, led by a group of nationally recognized members of the fire industry, will equip leaders with the ability to integrate modern technology and prepare for whatever tomorrow holds.

LOOKING FORWARD...

There are numerous new programs, services, and initiatives on the horizon for the UC Davis Fire Department as we transition into a new year.

We eagerly await many of those that involve expanded regional partnerships, leveraging new technologies, and exploring new possibilities in the delivery of pre-hospital medical care. No matter what the future brings, the UC Davis campus community can rest assured that it has one of the very best fire departments in our nation ready to protect it with pride and excellence.

