



# **UC DAVIS**

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## **FIRE DEPARTMENT**

Annual Report  
2014-2015

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# MESSAGE FROM THE CHIEF

UC Davis Community Members:

I am pleased to share with you that the last year has been one of continued innovation and collaboration for the UC Davis Fire Department. My amazement grows at the dedication of our personnel who are constantly looking for new ways to better serve our customers and achieve our mission of protecting and enhancing community well-being. Our partnership with the City of Davis prospers through the continuation of our Shared Fire Management Agreement, which allows for a single command staff to lead and coordinate the activities of the two departments as a single response force.

Whether it's training medical professionals of the future through our partnership with Los Rios Community College to provide EMT certification training through the fire department or the ambition of one of our Fire Engineers to be in the first cohort for the National Fire Academy's Managing Officer Program, the men and women of the UC Davis Fire Department work tirelessly in striving toward excellence. We are also pleased to welcome three new firefighters to our career ranks!

I hope you find this year's annual report informative of not just our programs and services, but also of our unique culture which is the definition of service-based. Thank you for the opportunity to serve.

Nathan Trauernicht

Fire Chief



Fire Chief Nathan Trauernicht

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## OUR MISSION, VISION, 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

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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, staff, and visitors 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 interactions with students, faculty and staff in order to mitigate risk, prevent injuries, and help the community prepare for emergencies. Part of this strategy lies in providing public education through a number of events and services including: Fire Day on the Quad, Picnic Day, "Sidewalk CPR" lessons at the Student Health and Wellness Fair, safety talks in the dorms, as well as station tours for campus Child Development Centers and summer camps.
- ◇ Our nationally-recognized Student Resident Firefighter Program weaves our organization into the fabric of the University. Since its founding in 1955, the program teaches firefighting skills to a select group of qualified students who live and work at the campus fire station, Station 34, 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.
- ◇ The UC Davis Fire Department is the lead agency for Yolo County's Multi-Agency Hazardous Materials Response Team whose role is to mitigate 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.

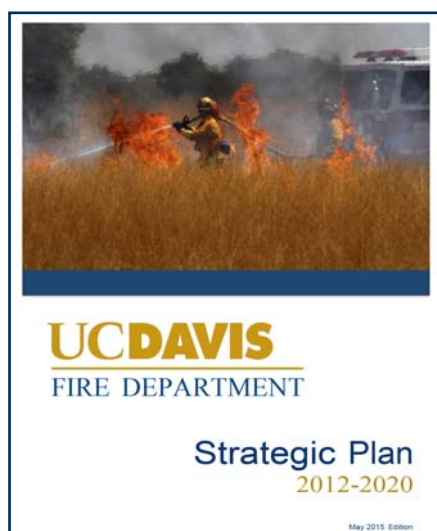


# PARTNERSHIPS AND PLANNING

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The UC Davis Fire Department participates in regional partnerships to enhance the quality and efficiency of our services:

- ◇ We sponsor the West Valley Regional Fire Training Consortium to coordinate regional training efforts, and streamline operations between departments. This partnership allows fire agencies within Yolo County to share the cost and benefits of having a Training Division, as well as promoting efficiency among inter-agency response in the case of a large scale emergency.
- ◇ In January 2014, the UC Davis Fire Department and City of Davis Fire Departments partnered to create a Shared Fire Management Team. This team works collaboratively to provide emergency services administration to the entire Davis area, as well as to effectively deliver services based on local needs.
- ◇ Another initiative that advanced in the 2014-2015 reporting year was the implementation of our EMT Training and Certification Program. Through a partnership with the Los Rios Community College District, this course is available to UC Davis students as well as the general public. The course provides students with the skills needed to attain an EMT-Basic certification, take the National Registry EMT Test, and move forward in a medical-related career path.
- ◇ In March 2015, UC Davis Fire Department held a new career firefighter hiring process. As a result, several department members participating in the Sacramento Fire Academy, including our three new recruits, and a captain as a drill instructor. The UC Davis Fire Department recognizes the value in interacting and networking with fire and emergency services professionals in our region. We strive to build connections throughout our greater community and to learn from one another, ultimately enhancing the delivery of our services.



## STRATEGIC PLAN UPDATE

In January 2012, the University of California Davis Fire Department (UCDFD) began the development of a Fire Department Strategic Plan. This Strategic Plan creates the framework for the future of the Department to meet the full range of risks and hazards that the University of California Davis campus presents.

To further the accountability and ownership of the resulting plan, a strategic plan maintenance process was drafted, which outlines the review process and frequency. A high level review has been conducted annually, but in Fiscal Year 2015, a more in-depth review and revision was conducted, resulting in an updated plan.

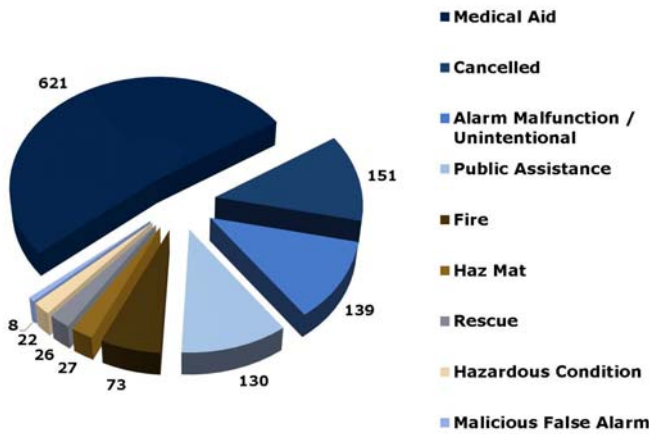
This plan has been refreshed so that the content remains relevant to the challenges and opportunities facing the department today, so that it may continue to guide our activities, decisions, and purpose. Goals that have been accomplished that were set forth when this plan was drafted have been removed so it can remain forward looking, continuing to guide us on our path to continued excellence.

# UCDFD BY THE NUMBERS

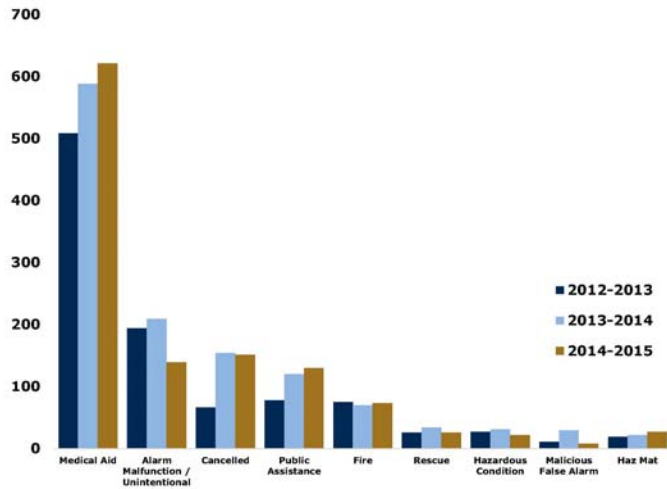
The UC Davis Fire Department, established in 1917, has witnessed nearly a century of changing trends in the fire service. Originally established by the dean of the College of Agriculture to mitigate fires on the University Farm, today the UC Davis Fire Department responds to a wide array of calls for 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.

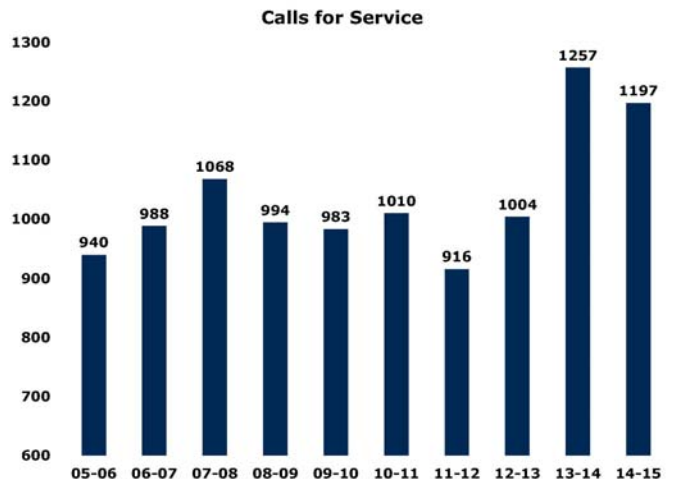
A look at our annual calls by type indicates that over 50 percent of our calls are medical in nature. As such, our firefighters spend a commensurate amount of time training on medical-related continuing education, hands-on exercises, and skills testing.



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.



# UCDFD ADMINISTRATIVE DIVISION

The Administrative 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 UC Davis Fire Department administration experienced several transformations in the 2014-2015 reporting year. First, Meghan Scannell, Executive Assistant to the Fire Chief, transitioned to become our Strategic Fire and Emergency Services Analyst – a new position created to suit her skillset and the needs of the department. With her change in position, we were pleased to welcome Beth Schroeder as the Executive Assistant to the Fire Chief. Along with these two positions, the department also employs two Student Administrative Support Technicians, Keiko Mertz, a senior, and Courtney Manning, a junior. Below is a description of each administrative position and the responsibilities of each.



**Beth Schroeder**

**Executive Assistant to the Fire Chief**

- ◇ Management and maintenance of multiple calendars, including that of the Fire Chief
- ◇ Processing travel documentation and expenses
- ◇ Collection, verification, and delivery of confidential documents to the UC Davis Shared Services Center
- ◇ Evaluating purchasing needs, and maintaining office stationary supplies, purchasing card and required records, and processing incident-related forms

- ◇ Processing departmental purchases, and closely working with the finance team to ensure accurate recordkeeping and transfer of funds
- ◇ Answering telephone lines for several divisions, including answering inquiries, redirecting calls, and scheduling appointments
- ◇ Recording minutes for department meetings, storing them electronically, and creating a weekly document outlining recent activities of City of Davis and UC Davis Fire Departments



**Courtney Manning (L) and Keiko Mertz (R)**

**Student Administrative Support Technicians**

- ◇ Data entry and support of the West Valley Regional Fire Training Consortium and Yolo County Office of Emergency Services (OES)
- ◇ Assisting in development and planning 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 and website
- ◇ Assisting in day-to-day office tasks and errands of the department
- ◇ Crafting a large portion of the department's graphic design and marketing materials, and assisting in the production of department publications

# STRATEGIC FIRE & EMERGENCY SERVICES ANALYST

Hired by the UC Davis Fire Department in 2006, Meghan Scannell started with the department in the Fire Prevention division, and migrated to Operations in 2010, finally moving into her current position as Strategic Fire and Emergency Services Analyst with the Chief's office this year.

As an analyst, Meghan provides database administration for the department's records management system as well as internal and external reporting and analysis for projects ranging from budgeting to trending. She also serves as the department's accreditation manager, overseeing the departmental self-assessment, development of standards of cover, and strategic planning in support of the department's inaugural bid for accreditation through the Center for Public Safety Excellence, the leading international accrediting body for fire departments.



Meghan received her bachelor's degree from UC Davis, and is currently pursuing her master's degree in technology management from Georgetown University. Meghan attended the National Fire Academy in 2012, where she completed a course in emergency resource deployment planning.

Meghan participates in a number of professional organizations, including the California Fire Chiefs Association (CalChiefs). Meghan is the immediate past president of the Administrative Fire Services Section (AFSS) of CalChiefs, having served three years as president of the Northern Division. She now represents AFSS on the CalChiefs legislative task force, which serves to educate legislators on matters important to the California fire service.

## STAFF PROMOTIONS

This year the UC Davis Fire Department had the opportunity to promote two of our personnel from Firefighter to Fire Engineer. Kyle Dubs and Ben Rizzo both demonstrated exemplary skills and job knowledge during the promotion process.



### Kyle Dubs:

Kyle Dubs began his career in the fire service in 2006 when he was accepted into the Student Resident Firefighter Program at the UC Davis Fire Department. After graduating from UC Davis, he was hired as a

career firefighter with our department in 2010. Following five years of service, Kyle was promoted to Fire Engineer. As a Fire Engineer, Kyle enjoys the

opportunity to serve as an acting captain and is looking forward to mentoring our three new firefighters on engine operations.

### Ben Rizzo:

Fire Engineer Rizzo joined the UC Davis Fire Department family in 2005, as a fire inspector for the Fire Prevention Division. He later became a firefighter in 2007 and took on the responsibilities of care and maintenance of our apparatus. He was promoted to Fire Engineer this year, following a competitive promotional process. Ben takes pride in ensuring the department's apparatus are maintained in excellent condition and are prepared to respond to any campus emergencies. He is looking forward to helping shape the future of the organization by mentoring current and future UCDFD personnel.





# FAREWELL BUT NOT GOODBYE

This year, we saw the retirement of three line personnel, while another department member accepted a position with another organization.



**John Heilmann**  
Deputy Chief  
(May 2012 – April 2015)

John started his career in the fire service in 1984, as a volunteer firefighter. In 1998, he was hired with City of West Sacramento where, by 2012, he had worked his way up the ranks from Firefighter to Division Chief of Training. In May 2012, John joined the UC Davis Fire Department family as Deputy Fire Chief of Training and Safety, and then in January 2014 was promoted to Deputy Chief of Operations for UC Davis/City of Davis Shared Administration. In his time with UCDFD, John was a lead architect in creating the WVRFTC. In April 2015 John accepted a position with the City of West Sacramento as Fire Chief. In his time here, John left a legacy of success. He will be sorely missed, but we are proud of his contributions to our community, as well as his greater accomplishments in the fire service.



**John Hodge**  
Fire Engineer  
(February 2007 – April 2015)

After fulfilling careers in both the military and as a Subway Sandwich franchisee, the tragic events of 9/11/2001 prompted John to seek a third career, one where he could make a truly positive impact on the community through the fire service. He started his journey as a volunteer for the Dixon Fire Department in 2002, and joined the UCDFD family in 2007, when he was hired as a career Firefighter. In 2009 he was promoted to Fire Engineer, which remained his position until his retirement in April 2015. In his time with us, John educated department members on basic life

support, and was our Designated Infection Control Officer. Since retirement, John has enjoyed his 55<sup>th</sup> birthday, and spent his time outdoors on mountain bikes, surrounded by family and friends.



**Gina Updegraff**  
Fire Engineer  
(February 1993 – February 2015)

Gina's fire service career started in 1993, when she was hired by the UC Davis Fire Department as a Firefighter. In 2002, Gina was promoted to Fire Engineer, which remained her position until retirement in February 2015. Gina enjoyed her position as Fire Engineer, and in her time with us was responsible for the UC Davis Firefighter Fitness Program, Fit for Fire, and the Apparatus Maintenance Program. Since her retirement, Gina transitioned to a career as a real estate agent with Coldwell Banker, continues to spread the fitness bug as an instructor at Life Time Athletic, and frequents her cabin in Truckee.



**Kim Jester**  
Fire Captain  
(August 1983 – June 2015)

Kim began his journey in the fire service in 1977 as a volunteer firefighter with DeSabra Volunteer Fire Department. In August 1983, Kim was hired onto our team as a Firefighter. In his time here, Captain Jester served as a Fire Specialist II, Assistant Fire Marshal, and in 1991 received a promotion to his final position, Fire Captain. In his time with us, Kim contributed to pre-fire plans and field inspections, which helps the campus take preventative measures in fire safety. In his retirement, Kim plans to travel the world with his family.

# FIREFIGHTER OF THE YEAR

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This year Fire Engineer Nate Potter was honored as the UC Davis Fire Department Firefighter of the Year. Nate was nominated for his outstanding effort and dedication. He has been with UCDFD since 2007.

The dedication that Nathan Potter has shown to the organization is truly outstanding. We congratulate and thank him for his efforts, particularly his media editing skills used to create training videos for West Valley Regional Fire Training Consortium, as well as his construction skills and fire knowledge needed to help build the training prop behind Station 34. Valuable team members such as Nate are the role models and future of our department.



Fire Engineer Nate Potter

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## SRFF TRUCK ACADEMY

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

This June, ten of our Student Firefighters participated in a voluntary two-week training academy on truck operations. During the academy, Student Resident Firefighters learned technical skills that are necessary for personnel responding on Truck 34.

Each day of training was coordinated by Fire Engineer Kyle Dubs and led by the on-duty crew. Students were trained in a variety of activities including: forcible entry, proper technique for placement and throwing of



Student Resident Firefighters learning the hands-on skills required to respond to roadside emergencies on Truck 34

ladders, utility control, search and rescue, vehicle stabilization, salvage and overhaul, rope rescue systems, water vacuum operations, and roof ventilation. Vehicle extrication was the primary focus of the academy, with students spending multiple days learning, practicing, and perfecting extrication techniques on two cars.

This fall, those who participated in the truck academy will have the opportunity to demonstrate their knowledge and have their skills verified by Captain Cess Mercado, the Student Resident Firefighter Program's coordinator. Those who pass skills verification will be eligible to take a standardized truck qualification test with a passing score earning them the ability to respond to emergencies on Truck 34 .

# NEW HIRE TRAINING



The UC Davis Fire Department expanded its regional efforts by partnering with the Sacramento Fire Department to train new firefighters through their fire academy. We continually strive to increase performance and efficiency

in regional auto-aid by endeavoring to train all regional firefighters under the same curriculum and by testing them to the same standards. This partnership also provides career development opportunities for company officers to participate as drill instructors, such as UCDFD's Captain Cesilio Mercado.

Each day, subject matter experts in different fields from our industry work at the academy to teach and monitor specific skills. The academy is divided into three modules (described below), each with a final assessment, where each skill is evaluated closely for recruits. This process is extensive and meant to ensure that recruits can perform at the highest caliber. After Module 3, recruits are tested via an overnight evaluation on simulated calls. This final is designed to mirror a 24-hour shift, where recruits participate in companies and respond to calls as they receive them. Calls during this 24-hour assessment range from simple medical aids to structure fires.

## Module 1: Basic Firefighting Skills

- ◇ Donning and doffing PPE (Personal Protective Equipment)
- ◇ Basic ladder extension and placement (up to 24 ft.)
- ◇ Tank line (preconnected to engine)

## Module 2: Advanced Firefighting Skills

- ◇ Advanced ladder extension and placement (over 24 ft.)
- ◇ Forcible entry
- ◇ Large hand lines
- ◇ Forcible entry
- ◇ Ventilation

## Module 3: Scenario-based Skills Application

- ◇ Teamwork/working within a company
- ◇ Combining and applying skills
- ◇ Evolutions



This academy provides our recruits the discipline required to learn their trade, and become successful members of the fire service. Participating in a regional academy also allows them the opportunity to network with other firefighters, learn from firefighters who come from larger metropolitan areas, and begin to build their professional reputations and friendships.

## HIGHLIGHT

Captain Cesilio (Cess) Mercado is UC Davis Fire Department's representative at the Sacramento Fire Academy. He is participating as a Drill Instructor and spends each day working closely with the recruits to assist them in developing their firefighting skills. Cess is a seasoned member of the UC Davis Fire Department, with his career beginning in 1999 when he became a Student Resident Firefighter. He was later hired as a career firefighter in 2002, and in January 2014 was promoted to his current position, Fire Captain.



Cess is excited for the opportunity to teach at the academy because he feels that he has learned many skills and methods from the other instructors, which he can share and apply here at UCDFD, and with West Valley Regional Fire Training Consortium. He feels that his new skills better orient him to bring a more regional approach to firefighter-oriented training, which will promote inter-agency training, cooperation, and response.

# INTRODUCING OUR NEWEST FIREFIGHTERS

This March, the UC Davis Fire Department began an extensive hiring process in search of three firefighters. All candidates participated in an exam that tested their human relations skills and mechanical aptitude, as well as their proficiency in math and reading. The highest performing candidates were then invited to participate in panel interviews with current career firefighters. A few highly qualified candidates were then selected to interview with our Fire Chief. We are excited that the following three recruits are participating in the Sacramento Fire Academy, and we are honored to welcome them to the department.



**Corrie Beall**  
Firefighter  
Woodland, CA

Corrie graduated from the University of Redlands in May 2011, after receiving her Bachelor of Science degree in Business Administration. During her time at the University of Redlands

she was a member of the women's volleyball team, and studied abroad in Spain. After college she moved to Tahoe for three years until she discovered her passion for the fire service. Corrie then became an EMT through Sierra College in Truckee and attended Sierra Regional Fire Academy in 2014. Firefighter Beall is excited to continue her career in the fire service as a member of UCDFD.

**Lindsey Dubs**  
Firefighter  
Vacaville, CA

Lindsey graduated from UC Davis in 2012 with her Bachelor of Arts degree in Communication and a minor in Psychology. While attending UC Davis, Lindsey was a member of the



women's rowing team, a UC Davis Student Resident Firefighter, and a Resident Firefighter for the Cameron Park Fire Department. After graduation, Lindsey accepted a position with the U.S. Forest Service in South Lake Tahoe before making the switch to CAL FIRE, where she worked as a Seasonal Firefighter for two years in the Amador-El Dorado Unit.

**Ryan Tooley**  
Firefighter  
Roseville, CA

Ryan graduated from Woodcreek High School in 2007 and joined the United States Air Force, remaining in active duty until 2013. During his time in the Air Force, Ryan worked as a parachute rigger



and was the recipient of the Airman of the Year award in 2011. He has volunteered as a sponsor and guide for the Special Olympics in Ramstein Germany, and is looking forward to serving the UC Davis community.

## DEDICATION TO SERVICE, ABOVE ALL ELSE

# WEST VALLEY REGIONAL FIRE TRAINING CONSORTIUM



Founded in 2012, the West Valley Regional Fire Training Consortium's (WVRFTC) mission is to provide standardized training, and coordination to prepare for regional emergencies. The Consortium is currently led by Deputy Chief Mike Taylor, and serves UC Davis, City of Davis, West Sacramento, and Woodland.

The WVRFTC has been a venue for Yolo County fire agencies to create a training program that will develop the most effective response to community emergencies. Since its inception, there has been noticeable growth in the efficiency of response coverage, as well as continuity of county operations.

The WVRFTC has successfully coordinated multi-agency drills, monthly regional training, and provided state fire officer certified classes at a reduced cost. The Consortium also facilitated a free speaker series in which established professionals in the fire service spoke about their careers, allowing future leaders in the industry to learn from their experiences.

The Consortium's focus during the 2014-2015 fiscal year was site development geared toward decentralizing training locations by creating training props at each participating department. WVRFTC also assisted in the design and implementation of a Certified State Fire Training Confined Space Rescue Site, obtained a NIST & UL Flow Path Prop (intended to train firefighters on the finding from the NIST & UL flow path study on fire behavior), and a Ventilation and Firefighter Survival Prop. Career development focused on creating opportunities for members to attain proper training to become officers. In doing this, the consortium hosted roughly one state fire marshal's class per month.

This year, Target Solutions, an online record management system, has continued to develop the tracking of completed training by each member of the Consortium. Using this program, shift supervisors receive routine updates, automatically charting the progress and deficiencies of those they oversee. The Consortium is now generating money through South Bay Regional Fire Academy through training hour tracking, which allows the WVRFTC to relieve each partnering agency of their current Target Solutions' annual cost.

The WVRFTC has also partnered with the Yolo County Office of Emergency Services (OES) to train city and county employees to work in Emergency Operation Centers (EOCs). The Consortium plans to collaborate with OES to deliver specific training in logistics, finance, and more. The advisory committee for the Consortium accomplished all the goals that were set for the 2014-2015 fiscal year.

In the future, the WVRFTC plans to continue the evolution of a cohesive regional training program. It has many plans to enhance its records management system, and standardize departmental training opportunities to further keep our firefighters and communities safe.



Consortium members training at the West Sacramento training structure

# EMT TRAINING AND CERTIFICATION PROGRAM



UC Davis Fire reaches out to the greater community by providing on-campus opportunities to gain the skills for rewarding careers in the health industry. Since the summer of 2014, we have offered an EMT Program for UCD students and the public. The course is organized by UCD Firefighter Scott Hatcher, and is taught by local paramedics, EMTs and firefighters.

After a few successful courses, we built a partnership with the Los Rios Community College District in the summer of 2015, in order to offer the class at a lower cost to the community, allow for the benefits of financial aid, and provide more availability to the region. Students also receive college credits through Los Rios upon successful completion of the course.

Our first class offered through this partnership ran through August 2015. It began on June 22, 2015, filled quickly, and also acquired a wait list, demonstrating community interest and marketing success. This class is a melting pot of our region's intellectuals and aspiring emergency services personnel, including UC Davis recent graduates and alumni, Los Rios CCD students such as those from Sacramento City College and American River College, as well as many members of the outlying community, not associated with a college.

The course consists of 81 classroom hours and 81 lab hours. Classroom hours are devoted to didactic learning, while lab hours consist of practicing psychomotor skills. For example, a day of learning may consist of 4 hours of lecture on respiratory emergencies, and then 4 hours of scenario-based skills practice, such as patient assessment to determine the nature of illness, treating patients with oxygen, and placing airway adjuncts. Additionally, students are required to attend 24 hours of clinical experience, which is completed in local hospital's ERs, and with our local emergency service providers.



UCDFD EMT students practice  
Spinal immobilization

Upon completion of the EMT course, students will receive their EMT-Basic Course completion certificate, which grants them eligibility to take the National Registry EMT (NREMT) test. If they pass the NREMT test, individuals are eligible to become state-registered EMTs through their counties of residence. These certifications provide them with opportunities to work locally or nationally, and also prepares them for careers in emergency services, as well as the medical field.

Since the program's inception, we have demonstrated excellent graduation rates, and rates of completion of NREMT. Our first graduating class had a 100% course completion rate, and 96% of the students have already become Nationally Registered EMTs.

# OUTREACH AND INTERACTION

The UC Davis Fire Department strives to ensure that our community has the ability to interact with us as often as possible. Through community-centered initiatives and new interactive opportunities, our department is now more accessible than ever to the campus community.

## SANTA VISITS

As public figures, our personnel understand the importance of serving a community that knows and trusts us. Under this premise, we participate in toy drives and provide Santa visits to support and engage with the smallest members of our community.

Each year in December, one of our fire department line personnel dons a curly white beard, and a red velvet suit (traditional “Santa” attire), and along with Truck 34 crew members, pays a visit to several campus departments. After a stop at Mrak Hall and the Chancellor’s office, crews make their way to the Child Development Centers on campus. Candy canes in hand, firefighters and “Santa” are greeted with warm smiles and “leg hugs.”



Fire Engineer Hodge gives candy to a child at a Child Development Center on the UC Davis Campus



Student Resident Firefighters Mahoney and Cullen pose with our mascot Sparky at Fire Day on the Quad

## FIRE DAY ON THE QUAD

This October, the UC Davis Fire Department hosted our annual Fire Day on the Quad. Intended to provide outreach to our campus community, Fire Day on the Quad gives participants a look into the fire service by putting on demonstrations that vary from year to year. This year, members of A-Shift did a vehicle extrication, in which they cut and disassembled an old car to demonstrate rescue techniques. After the extrication demo, a CALSTAR helicopter landed on the Quad, where the pilot and flight crew educated spectators about emergency medical air operations. Event spectators were also encouraged to take pictures with the fire department’s mascot Sparky, student firefighters, and our new social media prop, while members of the Street Team handed out the department’s breast cancer awareness t-shirts.

## PICNIC DAY

This year marked UC Davis's 101st annual Picnic Day, in which the entire campus put on an open house and celebrated the community. UC Davis Fire Department's Truck 34 participated in the Picnic Day parade and we also held an open house at the station.

The apparatus bay at Station 34 was full of curious patrons who learned about the fire service and interacted with career firefighters. We gave away "UC Davis Fire" hats, and had a hydration station set up to keep attendees well hydrated and out of the sun. Around noon, a CALSTAR helicopter landed on the lawn in front of Station 34 and welcomed spectators to look in and learn about the helicopter and emergency medical air operations.

At the open house, children were welcomed to sit in Truck 34, Engine 34, and our antique Seagrave engine. Student Resident Firefighters also handed out hundreds of balloons and t-shirts for the children.



SRFF Kevin Fritz gives balloons to one of the many community members that stopped by the station for Picnic Day.

## SOCIAL MEDIA



Student Firefighter Eric Wetzel performing a ladder raise as a local news crew films

Through the use of social media, the UC Davis Fire Department is able to better communicate with the campus and greater community, while also providing insight to the day-to-day happenings of the fire service. Our social media offers a unique perspective into the life and inner workings of an active fire department. We use Facebook, Twitter, Instagram, and Periscope to promote upcoming events, send out safety messages, and create awareness.

A popular Instagram post during the 2014-2015 reporting year read, "CBS 13 News came to film a segment on your Student Resident Firefighters today! That's right, this program is one of very few like it in the country! SRFFs live and work at Station 34 right here on campus. They work several shifts a month, as well as monthly trainings over the span of 2 years to earn their Firefighter 1 certificate. We are so proud of all they contribute to this department. A special thanks goes out to the program coordinator Captain Cess

Mercado." UCDFD enjoys recognizing others in our community and interacting with local students, faculty, and staff through our various media outlets.

**Follow UCDFD Social Media:**  
Facebook: [facebook.com/UCDFD](https://facebook.com/UCDFD)  
Twitter: @UCDavisFire  
Instagram: UCDavisfire  
YouTube: UC Davis Fire





Instagram user @ouestmonchat80 at The Buzz-her caption read "Visiting the UCD Fire Dept. at the Buzz! #UCDFire"

## THE BUZZ

Last fall, UCDFD joined UC Davis's new and returning students in celebrating the beginning of the school year, at this annual event hosted by UC Davis Student Affairs. The event is held on the Quad during Fall Welcome Week, and is an excellent resource for UC Davis students to familiarize themselves with their campus resources, departments, and the greater Davis community. The Buzz gives UC Davis Fire Department personnel an opportunity to meet and interact with the community they serve. Firefighters, Student Firefighters, and members of the Street Team handed out highly regarded UCDFD giveaways while teaching the community about department function, and taking candid photos with our new social media prop.

## HEALTH AND WELLNESS FAIR

On February 18, UC Davis firefighters and Student Administrative Assistants joined the UC Davis community at the Health and Wellness Fair. This event, hosted by UC Davis Health System under their Worklife and Wellness objective, offers free health screenings and information to aid employees in the interchange towards healthier lifestyles.

At the event, firefighters used special CPR training mannequins to teach faculty and staff the proper way to administer hands-only CPR in emergency situations. Simultaneously, the Student Administrative Assistants answered community members' questions and passed out fliers for the department's Fit for Fire program (a fitness class intended to teach community members, of all ability levels, the skills and exercises a firefighter needs to stay in shape on the job). Event goers received reusable canvas bags customized with the department's logo, and had the opportunity to socialize with on-duty personnel.

## TOYS FOR TOTS

Each year the UC Davis Fire Department participates in the Toys for Tots toy drive, to provide underprivileged children with toys for the holidays. This event gives UCDFD the opportunity to carry out our vision of enhancing community well-being by providing support for the less fortunate in our community during the holiday season. This year, each shift donated money from their shift funds, normally used for off duty social activities, to purchase toys for the drive.



Firefighter Poganski and Engineer Rizzo add toys to the Toys for Tots collection bin

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# GIVING BACK

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Department members smile with pride after this year's shaving event

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## St. Baldrick's

In what has become a popular new tradition, members of the UC Davis Fire Department participated in the St. Baldrick's Foundation fundraiser for the fourth consecutive year. The St. Baldrick's Foundation works closely with the UC Davis Children's Hospital in Sacramento, and was established to "put an end to childhood cancers."

It is the mission of the St. Baldrick's Foundation, and a passion of the UC Davis Fire Department, to bring awareness to childhood cancers, and raise money in hopes that one day, we as a community can find a cure, together. This year, our department members raised over \$2,500 for the St. Baldrick's Foundation, bringing the department total for the last four years to nearly \$16,500. On St. Patrick's Day, we held our

shave-a-thon; an event in which participating department members shave their heads in solidarity, at the culmination of the fundraiser. Good Day Sacramento's news crew was in attendance, and broadcasted the event, in hopes to boost donations, and bring community attention to the work done by the St. Baldrick's Foundation. The UC Davis community was welcomed to attend through various social media invitations.



UCDFD Street Team members giving out our breast cancer awareness shirts

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## Seeing Pink

In October we call upon our employees to don special pink and grey duty shirts that bring awareness to National Breast Cancer Awareness Month, and raise money for breast cancer research. The shirts are given away and sold to the university community during October. The shirts are very popular on campus, as our department often receives requests to purchase them long after the fundraiser's end. All proceeds are donated to the Susan G. Komen Foundation.



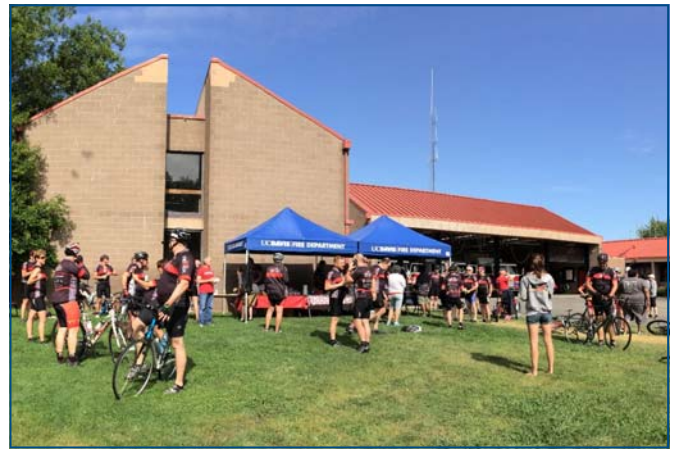
## Pancake Breakfast



Since 2005, the Student Resident Firefighters of the UC Davis Fire Department have hosted their annual All-You-Can-Eat Pancake Breakfast at Station 34. The breakfast, held in the apparatus bay of Station 34 and cooked by SRFFs, is a philanthropic event that has become one of the most popular on campus. Patrons this year were supplied with all-you-can-eat pancakes, along with bottomless sausage, eggs, orange juice, fruits, pastries, and coffee.

The Student Resident Firefighters strive to involve the community by gathering donations from campus organizations including UC Davis Dining Commons, UC Davis Meat Lab, and the ASUCD Coffee House, as well as local businesses such as Peet's Coffee and Safeway. This year, approximately 400 people attended, which raised \$2,178 to benefit the Firefighters Burn Institute (FFBI). The FFBI was integral in the establishment of the Burn Center at the UC Davis Medical Center, and continues to provide educational and recovery programming for local burn survivors.

## Pedaling For a Cause



On May 17, Station 34 was once again the final rest stop for the NorCal AIDS Cycle, a four-day, 300 mile cycling event held to raise awareness and funds for HIV and AIDS services in greater Northern California. Cyclists range in age and ability, from a group of highly motivated students from Sacramento's American Legion High School riding for the first time, to veteran riders for whom 2015 marks their 11<sup>th</sup> consecutive NCAC ride.

NorCal AIDS Cycle raised over \$240,000 in donations for benefactors, who include organizations that provide education and testing to the demographic seeing the greatest increase in new HIV infections, that of 18-24 year old young adults. Education is paramount in reducing infection, and the inclusion of new cyclists in this age group is important for raising awareness.

The American Legion cyclists weren't the only young participants on this year's ride, as we were joined by a UC Davis undergraduate, as well as a number of other UC Davis affiliated crew and cyclists. Alumni, staff, faculty, and Health System personnel were all represented at the rest stop alongside our firefighters, and we are thankful for the opportunity to share our station and Aggie pride with them all!



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# OUR FUNDAMENTAL PRINCIPLES

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The UC Davis Fire Department operates on three fundamental principles:

## PROTECTING STUDENTS

The UC Davis Fire Department provides unparalleled protection for our students. As a University-dedicated fire department, students and their families may have 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. We serve the community academically by providing subject matter expertise and research support for classes and graduate thesis projects.

Our close proximity to campus dormitories and athletic facilities allows us to provide the most fast and efficient response possible on a university campus.

## SAFEGUARDING RESEARCH

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. With keen awareness, we have incorporated the university's research mission into all facets of our operations. For example, UCDFD's Hazardous Materials Response Team is highly trained and in a state of constant readiness to eliminate the immediate threat of exposure from the release of biological, chemical, or nuclear agents. UCDFD personnel have also received specialized training including electric vehicle battery safety, magnetic

resonance training, and biosafety lab (BSL) procedures. In addition, our personnel hold regular fire drills and assist in evacuation planning for research facilities and all campus departments. Lastly, our personnel practice information and hardware preservation techniques to minimize disruption of research and education by fires and other emergencies.



## SUPPORTING FACULTY AND STAFF

In congruence with UC Davis's Worklife and Wellness programming, UC Davis Fire Department is committed to providing the community a safe workplace, as well as fire and life safety education. We maintain a Public Access AED program on campus, which makes these lifesaving devices available across central campus, as well as remote work sites. This program is augmented by our department's implementation of Pulse Point, a lifesaving application which notifies users if someone nearby is having a cardiac emergency and may require bystander CPR. We also work closely with UC Davis Staff Development to assist staff in learning invaluable life safety training, such as CPR, we also host tours at the fire station providing opportunities for visitors to inquire about their role in fire safety.

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## CREATING A SAFE ENVIRONMENT TO LEARN

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# SHARED MANAGEMENT AGREEMENT

January 1, 2014 the City and the University entered into a Shared Fire Management Agreement that shares one fire chief, two deputy chiefs and three division chiefs, who collectively oversee the management and operations of both fire departments.

While the two entities technically operate separately, as this is not a full merger of the two departments, city and campus leaders believe this shared-management structure will ensure that the two operations work collaboratively to provide optimal fire service to both communities.



The agreement comes on the heels of a boundary drop in 2013 between the two departments which allows the closest available resource to a call for help to respond regardless of geographical area. This has provided a significant increase in the level of service to both communities.

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## LOOKING FORWARD...

In the coming year, the UC Davis Fire Department plans on completing the process to prepare for international accreditation, revising our standards of cover document, placing a new type III engine in service, starting a new cohort through our student firefighter academy, and so much more!

We are proud to serve the community and we never forget what we, and our profession, symbolize to those we serve.

