

# #167

**COMPLETE**

**Collector:** Gimbel Foundat...nd Evaluation (Web Link)  
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Page 1

**Q1** Name of your organization.

Center for Equine Health, UC Davis School of Veterinary Medicine

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**Q2** Grant #

20160634 Gimb 2R

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**Q3** Grant Period

Oct. 1 2016- Sept. 20 2017

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**Q4** Location of your organization

City	Davis
State	California

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**Q5** Name and Title of person completing evaluation.

Claudia Sonder DVM

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**Q6** Phone Number:

707-227-8973

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**Q7** Email address.

csonder@ucdavis.edu

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Page 2: Key Outcomes and Results

**Q8** Total number of clients served through this grant funding:

500

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**Q9** Describe the project's key outcomes and results based on the goals and objectives. Use the following format: State the Goal: State Objective 1: Describe the Activities, Results and Outcomes for Objective 1: State Objective 2 (if applicable): Describe the Activities, Results and Outcomes for Objective 2: State Objective 3 (if applicable): Describe the Activities, Results and Outcomes for Objective 3:

Objective 1: Offer widespread distribution of ongoing animal disaster response training course. Activities: Original online module content created and finalized includes text, images, voice over, and quizzes. Topics covered include equine anatomy, behavior, safe handling, emergency and disaster prevention and response. Courses developed specifically for students, first responders and DVMS. New material: Basic Livestock( cattle, swine, sheep) behavior and handling in emergencies Basic Equine Behavior and Handling in Emergencies. Both of these were delivered to internal and external constituents of the SVM and multiple first responder teams. A total of 46 Trainings were conducted reaching approx. 1050 people.

Objective 2: Provide ongoing one-two day technical trainings as follow up to online modules to teach skill sets necessary for animal Disaster Service Worker and First Responders. Activities: 46 hands on workshops were conducted at the SVM and in the field. Not all of these were preceded by online training, however all had a teaching and doing component ranging from awareness level of veterinary integration into incidents involving animals to orchestrating technical rescue of equine manikin assisted scenerios. Gimbel did not fund the training component of this objective, however Jim Green assembled a cadre of instructors who were able to deliver course material and assess knowledge. Different counties have different requirements for Disaster Service Worker status, and these awareness classes highlighted recommended training for such status.

Objective 3: Award certificates to students who successfully pass online course series and technical training. Activities: The UC Davis Student Veterinary Emergency Response Team graduated 68 students from their extracurricular specialized study program who were sworn in as Disaster Service Workers in Yolo County. Testamonials from practices hiring students with specialized training have come forth as a valuable, relevant entry level skill. Further work with the state Office of Emergency Services will be necessary to define recommended training for Disaster Service Worker status and those conversations are in progress.

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**Q10** Please describe any challenges/obstacles the organization encountered (if any) in attaining goals & objectives.

Challenges Objective 1: original collaboration with UC Extension- project leader retired so delivery was delayed. Opted to enhance existing training modules and update them and improve content and delivery. This delay affected total number trained in the first year and reduced impact from 1500 to 1050

Scheduling outside entities to come into the university to train required a 90 day lead time, which affected overall number trained. First Responder schedules are inherently difficult to coordinate due to shift and ER activity. This highlights need for train the trainer programs such that delivery can occur on site.

Veterinary schedules are equally difficult to coordinate given number of solo practitioners with ER duty. Veterinarians are motivated by Continuing Education credit and future trainings will need to involve CE value to enhance engagement.

Challenges Objective 2: The United States does not have a universal training program that specifically defines Disaster Service Worker training requirements. Most of the Northern California counties we dealt with had no infrastructure for specific certification for the Animal component of Disaster. As a result, Jim Green delivered an awareness level course to several counties and groups of first responders and DVMS to feed discussion on local training and certification. Our fall conference featuring Incidents Involving Animals Oct 21,22 will focus on this issue and move the discussion along.

Challenges Objective 3: There were no challenges with this component. The students were successful in completing the learning objectives and passing the quizzes and they have been sworn in as DSW in Yolo county Emergency Medical Services Authority's Medical Reserve Corps program- a designation that will stay with them wherever they end up in the country. They will likely become advocates for integration and training in their own communities when they graduate.

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**Q11** How did you overcome and/or address the challenges and obstacles?

Objective 1: The original intent of online training modules was to work with UC Extension and Coursera. When it became clear that project would be delayed due to internal issues with UC Extension, the International Animal Welfare Training Institute (IAWTI) team went to work evaluating, consolidating and updating existing training modules. The focus of the training modules became updating roles and responsibilities of the consumer and fine tuning content specific to those roles. Fire, Police, DVMS, and civilians all have different roles on scene, with some cross training necessary regarding behavior, handling, and basic anatomy.

Course delivery was scheduled in advance with local county leaders and cancelled on a few occasions where attendance was compromised by service. Delivery in the field was successful but required significant trainer time and expense. Modules were adjusted to contain online, individual components for self learning, and hands on practical components with learning outcomes, skills checks, and assessments.

Objective 2: Standardizing training required for Disaster Service Workers in the animal component of disasters, as well as basic awareness training for first responders has been achieved in the UK. Jim's efforts over the past several months have fueled discussion at the local and state level of a need for a similar program in the states. The intent of the Global conference we are hosting in October is to address this and other issues that posed obstacles for this project. Ideally, the online training that has been developed by British Animal Rescue and Trauma Care Association (BARTA) and augmented at UC Davis will provide a solution to the standardized training issue.

Objective 3: Veterinary student interest is at an all time high in the student VET, and because the veterinary curriculum is full, the students must take the courses on their own time as an adjunct activity. Several veterinary schools across the country have made Emergency and Disaster response part of their core curriculum. This is another topic of discussion for the Global conference being held in October, to share ideas and paths forward to a standardized training curriculum.

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**Q12** Describe any unintended positive outcomes as a result of the efforts supported by this grant.

- While at UC Davis, Jim was able to engage Safety Services and the campus Emergency Manager at the Emergency Operations Center to augment internal preparation and training for incidents involving animals. UC Davis Fire was trained in livestock handling and response and was skill tested in multiple hands on scenarios involving livestock.
  - Jim and the International Animal Welfare Training Institute (IAWTI) team were able to schedule and plan a global conference involving BARTA and the School of Veterinary Medicine (SVM) which will occur Oct 21 & 22 at the veterinary campus. This has attracted a broad roster of domestic and international attendees with a goal to share information and problem solve the obstacles facing training and integration for large scale disasters and incidents involving animals.
  - The veterinary students initiated a Level 2 sVERT extracurricular program with Jim's assistance, which enhances technical component to training.
  - The Dean of the SVM remained engaged with the program and shared Jim's work with stakeholders as a prime example of meeting societal needs.
  - The SVM referring veterinarians and clinicians were exposed to the concept of veterinary integration with a new perspective which boosted interest in further training.
  - Jim lead a technical rescue drill at the 2017 Urban Shield program in Alameda County which tested 14 Urban Search and Rescue Teams in multiple scenarios. This was the first time ever that an animal component was presented at this drill. The exercise raised awareness and facilitated training of the teams.
  - There was a successful animal evacuation at a barn fire in Dixon shortly after campus fire department had attended Jim's training which made headlines.
  - The overall positive response, visibility and momentum of the project have provided the SVM with leverage for future funding support.
  - Trained sVERT students have been deployed to the Napa and Sonoma County fire disasters daily beginning on October 9 thru Oct. 15th to assist with response.
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**Q13** Briefly describe the impact this grant has had on the organization and community served.

This project has significantly impacted local and state awareness of the additional training needed to keep first responders safe when dealing with incidents involving animals. It has also raised awareness within the veterinary community of the additional training required to respond effectively to keep animals and first responders safe during difficult extrications and accidents. As a result of this project:

- Students have augmented their learning objectives and skills sets to meet the new model of veterinary integration.
  - First responders across the state have expressed interest in training and equipment to meet societal needs
  - The UC Davis School of Veterinary Medicine is hosting a global Incidents Involving Animals Conference with BARTA to collaborate with world leaders in this field and find a path forward to standardize training programs.
  - UC Davis continues to be recognized as an important leader in this field, and is considering a continued partnership with Jim Green and BARTA to continue to move training along.
  - This year's success and raised awareness has situated the School of Veterinary Medicine in a position to leverage additional funding support.
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**Q14** Please provide a budget expenditure report of the approved line items. Include a brief narrative on how the funds were used to fulfill grant objectives.

Personnel: Project Coordinator \$8,000.00

Education: Module upgrade and production: \$6,000.00

Materials: Repair and replace training equipment: \$2,000.00

The majority of Gimbel funding was utilized to pay Jim Green's salary while at UC Davis. He served as the project coordination and completed the majority of course curriculum upgrades and training deliveries. This encompassed the Personnel and Education portions of the grant.

Materials: See itemized summary of materials that were purchased to augment training.

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## Page 4: Success Stories

**Q15** Please relate a success story:

1. Shortly after a comprehensive livestock training for the Davis Fire unit, a fire broke out in Vacaville, Ca that required the evacuation of several animals from a barn. See the link:

<http://www.vetmed.ucdavis.edu/whatsnew/article.cfm?id=3878>

This success highlighted the value of the first responder training and was widely shared in the media.

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**Q16** Please relate a success story here:

2. Jim Green developed and implemented the equine scenario for the 2017 Urban Shield Competition in Alameda County. See link:

<http://www.vetmed.ucdavis.edu/whatsnew/article.cfm?id=3949>

This event was an amazing outreach opportunity that had a very significant impact on first responders, city planners, and the Urban Areas Security Initiative (UASI) Division, which expressed interest in funding further trainings.

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**Q17** Please relate a success story here:

3. As a follow up to a 2015 BARTA global conference in Prague, Jim Green arranged a 2017 Conference featuring Incidents Involving Animals at UC Davis on Oct 21 & 22. The Dean of the SVM will open the ceremony, and the impact of this conference will be significant in moving disaster preparedness training forward.

Incidents Involving Animals:  
Managing Risk and Meeting Societal Needs Conference  
October 21-22, 2017 in Davis, California

Dear Colleague,

The British Animal Rescue and Trauma Care Association (BARTA) is holding this year's conference in partnership with UC Davis School of Veterinary Medicine.

We are gearing up for a great event and would like to extend a very warm welcome to you and your colleagues/members as we continue to develop a growing community of people who are planning and preparing for incidents involving animals.

Registration is now open!

Take advantage of advanced ticket rates before August 15

[https://whova.com/portal/registration/udbci\\_201710/](https://whova.com/portal/registration/udbci_201710/)

Key benefits of attending this year's conference

- Check in on progress since the conference in Prague 2015
- Collaborate with the international animal rescue community
- Learn about latest innovation and research efforts for incidents involving animals
- Bring ideas and discuss relevant topics with colleagues
- Maintain the profile of dealing with the animal component of emergencies
- Support agencies and communities in developing local initiatives
- Socialize with friends and colleagues with Western BBQ and Californian wine tasting!
- Be part of the journey!

Agenda, visit our event app [https://whova.com/embedded/event/udbci\\_201710/](https://whova.com/embedded/event/udbci_201710/)

Conference info online, visit <http://www.vetmed.ucdavis.edu/iawti/index.cfm>

Whether emergency responder, veterinarian, county or state animal rescue team member; animal control, welfare society or local authority with responsibility for developing county emergency plans - if your role involves interacting with animals in any way, there is something for you in California 2017!

Jim Green, Director, British Animal Rescue and Trauma Care Association

Claudia Sonder, DVM, Director of Outreach, Center for Equine Health, UC Davis

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Page 5: Organizational Information

**Q18** Which category best describes the organization.  
Please choose only one.

**College/University**

**Q19** What is the organization's primary program area of interest?

**Emergency Preparedness**

S.L. Gimbel Foundation Fund

**Q20** Percentage of clients served through grant in each ethnic group category. Total must equal 100%

Respondent skipped this question

**Q21** Approximate percentage of clients served from grant funds in each age category.

Respondent skipped this question

**Q22** Approximate percentage of clients served with disabilities from grant funds.

Respondent skipped this question

**Q23** Approximate percentage of clients served in each economic group.

Respondent skipped this question

**Q24** Approximate percentage of clients served from grant funds in each population category.

Respondent skipped this question