

**Sponsored Programs**  
401 Golden Shore, 5th Floor  
Long Beach, CA 90802-4210

[www.calstate.edu](http://www.calstate.edu)

July 17, 2009

California Emergency Management Agency  
ATTN: Grant Management Division  
State Capitol  
Sacramento, CA 95814

Proposal: California State University FY2009 HSGP Proposal

On behalf of the Trustees of The California State University (CSU), please accept our proposal for the FY2009 Homeland Security Grant Program (HSGP). We have requested \$1,102,100 to support system-wide efforts to Strengthen Communications Capabilities, Enhance Protection of Critical Infrastructure and Key Resources, Enhance Catastrophic Incident Planning, Response and Recover, and Homeland Security Exercise, Evaluation and Training Programs. This proposal has the full endorsement of the California State University System.

The CSU provides assurance that all grants and contracts are administered in compliance with the Chancellor's Office Executive Order 890, which governs the administration of grants and contracts in accordance with all applicable federal and state regulations, in addition to certification of the Grant Assurances in the proposal package.

If you have any questions related to the technical aspects of this proposal, please contact the principal investigator (subject matter expert) for Projects A and B, Chief William Watton at 805.756.6650 or [wwatton@calpoly.edu](mailto:wwatton@calpoly.edu); for Project C, Keith Clement at 559.278.1011 or [kclement@csufresno.edu](mailto:kclement@csufresno.edu); for Project D, Craig B. Clements at 408.924.5275. If you have any questions related to grant administration, please contact Sue DeRosa, Director of Sponsored Programs at 562.951.4213 or [sderosa@calstate.edu](mailto:sderosa@calstate.edu).

Thank you for the opportunity to apply for the FY2009 Homeland Security Grant Program. We look forward to continued collaboration with the California Emergency Management Agency through enhanced training partnerships and improved communication systems.

Best Regards,

  
Sue DeRosa  
Director, Sponsored Programs

enclosures

c:  
Elizabeth Ambos  
Keith Clement  
William Watton

Charlene Minnick  
Craig Clements

**CSU Campuses**  
Bakersfield  
Channel Islands  
Chico  
Dominguez Hills  
East Bay

Fresno  
Fullerton  
Humboldt  
Long Beach  
Los Angeles  
Maritime Academy

Monterey Bay  
Northridge  
Pomona  
Sacramento  
San Bernardino  
San Diego

San Francisco  
San José  
San Luis Obispo  
San Marcos  
Sonoma  
Stanislaus

**APPENDIX C – STATE AGENCY FORMS**

**Signature Authority**

AS THE Chancellor  
(Secretary/Director / President / Chancellor)

OF THE Trustees of The California State University  
(Name of State Organization)

I hereby authorize the following individual(s) to execute for and on behalf of the named state organization, any actions necessary for the purpose of obtaining federal financial assistance provided by the federal Department of Homeland Security and sub-granted through the California Emergency Management Agency.

Sue DeRosa, Director of Sponsored Programs, OR  
(Name or Title of Authorized Agent)

Charlene Minnick, Director of Risk Management, OR  
(Name or Title of Authorized Agent)

\_\_\_\_\_  
(Name or Title of Authorized Agent)

Signed and approved this

16<sup>th</sup> day of

July

, 20

09

X

*Charles Reed*

Charles Reed,

Chancellor

**APPENDIX C – STATE AGENCY FORMS  
FY 2009 PROJECT NARRATIVE**

**Applicant** (state organization) CALIFORNIA STATE UNIVERSITY

*NOTE: Complete a separate Project Description for each proposed project*

**ProjectTitle:** INTEROPERABLE COMMUNICATIONS (Project A)

**Total Amount Requested:** \$370,800

**State Strategy Goal and Objective Supported by the Project:** Goal 1, Objectives 1.1, 1.4, 1.18 and 1.23

**Indicate the State Priority Supported by the Project:**

- Interoperable Communications**
- Catastrophic Planning**
- Medical Surge**
- Citizen Preparedness and Participation**
- Mass Prophylaxis**
- Critical Infrastructure Protection**
- Training for First Responders**

**Provide a detailed description of the proposed project and how it supports the state priority indicated.**

This project will provide funding for CSU campuses to continue to address our interoperable communications and information sharing needs through the purchase of authorized equipment and services.

The need for this project was identified in a systemwide needs assessment. In that study input was received from each CSU campus on key areas required to improve campus preparedness for CBRNE and other emergency events. Communications projects are a priority identified in this study, and continues to be an important priority in light of events at schools and universities across the nation. In addition, the emerging new technologies allows for better coverage and wider interoperability with automated systems, computers, and software. As we find other funding in California drying up these grant funds become even more important to continue our programs.

Past funding has allowed the agencies to upgrade current capability and/or acquire new equipment that allow for enhanced communications with partners both within and outside our jurisdictions. These communication tools vary from radios, phone systems, satellite systems, to computer and software systems that automate some functions, and information sharing.

Request is for \$15,000 per campus, including the Chancellor's Office (24 total) plus 3% M&A.

**For construction and/or renovation projects, provide the following additional information:**

- A description and location of the facility;
- A description of the vulnerability assessment and the date the assessment was conducted (the assessment does not have to be submitted with the application);

- A description of how the proposed project will address the vulnerabilities identified in the assessment;
- A description of the consequences if the project is not funded under HSGP FY09

**Please check the appropriate box:**

- Our agency currently has spending authority for the requested funds.
- Our agency does not currently have spending authority for the requested funds. See below for explanation:
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**APPENDIX C – STATE AGENCY FORMS  
FY 2009 PROJECT NARRATIVE**

**Applicant** (state organization) **CALIFORNIA STATE UNIVERSITY**

*NOTE: Complete a separate Project Description for each proposed project*

**ProjectTitle:** **SECURE CRITICAL CSU INFRASTRUCTURE (Project B)**

**Total Amount Requested:** **\$618,000**

**State Strategy Goal and Objective Supported by the Project:** **Goal 4, Objective 4.2, 4.3, 4.4 and 4.13**

**Indicate the State Priority Supported by the Project:**

- Interoperable Communications**
- Catastrophic Planning**
- Medical Surge**
- Citizen Preparedness and Participation**
- Mass Prophylaxis**
- Critical Infrastructure Protection**
- Training for First Responders**

**Provide a detailed description of the proposed project and how it supports the state priority indicated.**

This project will provide funding for CSU campuses to continue to address physical security vulnerabilities through the purchase of authorized equipment.

The need for this project was identified in a systemwide needs assessment. In that study input was received from each CSU campus on key areas required to improve campus preparedness for CBRNE and other emergency events. Physical security enhancement was a high priority identified in this study, and continues to be an important priority in light of events at schools and universities across the nation. A specific priority identified in this area includes CCTV systems that allow for IP addressable surveillance equipment.

Past funding in this area has just begun to provide equipment and planning to make our open campuses more secure.

Request is for \$25,000 per campus, including the Chancellor's Office (24 total) plus 3% M&A.

**For construction and/or renovation projects, provide the following additional information:**

- A description and location of the facility;
- A description of the vulnerability assessment and the date the assessment was conducted (the assessment does not have to be submitted with the application);
- A description of how the proposed project will address the vulnerabilities identified in the assessment;
- A description of the consequences if the project is not funded under HSGP FY09

**Please check the appropriate box:**

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  - Our agency does not currently have spending authority for the requested funds. See below for explanation:
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**APPENDIX C – STATE AGENCY FORMS  
FY 2009 PROJECT NARRATIVE**

**Applicant** (state organization) **CALIFORNIA STATE UNIVERSITY**

*NOTE: Complete a separate Project Description for each proposed project*

**ProjectTitle:** **CALIFORNIA EMERGENCY MANAGEMENT AND HOMELAND SECURITY  
EDUCATION AND TRAINING STRATEGIC PLAN (Project C)**

**Total Amount Requested:** **\$61,800**

**State Strategy Goal and Objective Supported by the Project:** **Goal 8, Objective 8.1**

**Indicate the State Priority Supported by the Project:**

- Interoperable Communications**
- Catastrophic Planning**
- Medical Surge**
- Citizen Preparedness and Participation**
- Mass Prophylaxis**
- Critical Infrastructure Protection**
- Training for First Responders**

*Provide a detailed description of the proposed project and how it supports the state priority indicated.*

See attached detailed proposal.

**For construction and/or renovation projects, provide the following additional information:**

- A description and location of the facility;
- A description of the vulnerability assessment and the date the assessment was conducted (the assessment does not have to be submitted with the application);
- A description of how the proposed project will address the vulnerabilities identified in the assessment;
- A description of the consequences if the project is not funded under HSGP FY09

**Please check the appropriate box:**

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# **California Emergency Management and Homeland Security Education and Training Strategic Plan**

**Submitted by: California State University System  
Council on Emergency Management and Homeland Security (CEMHS)  
FFY 2009 State Homeland Security Grant Narrative**

**SHSGP Funding Request: \$60,000**

## **EXECUTIVE SUMMARY**

The purpose of this project is to provide funds for the development of the **California Emergency Management and Homeland Security Education and Training Strategic Plan** an inter-disciplinary statewide strategic plan to integrate all levels of Homeland Security and Emergency Management training and education programs in California. CSU campuses and organizations will leverage resources to support this activity.

The California State University System (CSU), the California Community College System (CCS), the University of California System (UC), Cal EMA Training and Exercise Division and training partner organizations have developed a training and education partnership. The purpose of this partnership, the **Council on Emergency Management and Homeland Security (CEMHS)**, is to guide the development and implementation of a statewide strategy to create a vertically and horizontally integrated system of training and higher education in All Hazards Homeland Security and Emergency Management. By creating this integrated system for the training and education programs, current and future first responders, practitioners, organization managers, employers and researchers, will have a known pathway to follow toward professional development. There is currently no clearly defined training or education pathway in California for these disciplines.

CEMHS has been in existence for more than 18 months, with more than 100 members from multiple campuses and agencies, and has held two successful statewide summit meetings to begin this deliberative process. Agreement among partners is that the organization is ready to move to the next step and develop the strategic plan.

## **Statement of Need:**

The California homeland security and emergency management organizations and professionals have a significant demand for integrated training and higher education programs; unfortunately no such statewide integration exists. Employers are demanding employees have certifications and education that matches the work demands yet, with few exceptions, there are essentially no higher education programs in California. A student entering into this discipline as a future professional does not have clear training or educational pathway to follow that will lead to success. Mid career professionals desiring

additional educational development have very few options in the California public college and university systems.

Currently, there are several quality training programs in California, some of which are looked upon worldwide as the professional standard. As impressive as that statement is, there are essentially no higher education programs in California that are linked to these training programs. Moreover, there is no recognized standard for all hazards homeland security and emergency management higher education programs in the state. This lack of standard or strategic design has led to reluctance on the part of educational institutions developing new programs in this field. There is considerable interest at community college and universities to develop programs to fill this need. However, without a recognized standard or pathway to follow, such as recognized professional engineer or professional accounting standards, the risks associated with new program development that won't meet the professional requirements are too high. To complicate matters, this emerging profession is very diverse and even those colleges and universities that are taking the challenge of developing new programs are confused as what subject matter should serve as "core curriculum" and what subjects are specializations from the core.

All Hazards homeland security and emergency management is a profession that, in order to excel, requires quality training and education programs to address program needs, lead to clear outcomes and result in employees prepared for the demands of the profession at all levels. According to a 2008 Cal EMA METRICS PROJECT study that focused on the local government homeland security and emergency manager community and the *Blueprint: 2020 California State Fire Training and Education Strategic Plan 2008*; this training and higher education disconnect is a significant deficiency that creates an obstacle to professional advancement.

### **Project Outcomes:**

This project will develop the **California Emergency Management and Homeland Security Education and Training Strategic Plan** that includes design and standard for integration of the related Emergency Management and Homeland Security training and education programs in California. Identify clear connectivity between professional training, certification and academic programs and provide clarity for colleges and universities with current or proposed academic programs in this field. This integration will provide a well marked training and education pathway for current and potential employees that will match the demands of the profession. In addition, employers will have higher confidence in their employees because they will know the students met a recognized professional training and education standard.

- Definition of core curriculum for:
  - Training and certification programs
  - Community college associate degrees and academic certificates
  - Bachelor's degrees and academic certificates
  - Masters and PhD graduate degrees and academic certificates

- Identify crosswalks and appropriate interconnectivity of academy level training and professional certification programs with community colleges, four year universities and graduate programs in order to create a synergistic system of professional development.

**The Plan objectives will be met by following the 6 phase work plan design below**

**Phase I- Creation of the Academic-Professional CEMHS Education and Training Strategic Plan Workgroup**

**Phase II- Research and identify the California Emergency Management and Homeland Security Education and Training Strategic Plan Foundational Program Design and Formulation**

- Professional demand for EM-HS Education and Training Programs
- Types of EM-HS Education and Training Programs available
- Sources of EM-HS Education and Training Programs
- Identification of gap in demand versus availability

**Phase III- Development of the California Emergency Management and Homeland Security Education and Training Strategic Plan to address the gap in demand and availability including:**

- Defining core curriculum at all training and education levels
- Defining crosswalk matrix equivalencies for certification and education programs
- Defining specialization track core curriculums

**Phase IV- Deliver the California Emergency Management and Homeland Security Education and Training Strategic Plan to the 2010 CEMHS Summit**

**Phase V- Identify administrative and funding requirements to implement the California Emergency Management and Homeland Security Education and Training Strategic Plan**

**Phase VI- Implement Recommendations and Workgroup Findings to “stand up” the California Emergency Management and Homeland Security Education and Training Strategic Plan**

**Funding Components and Timelines:**

Phase 1	\$	Timeline: September 2009
Phase 2	\$ 15,000	Timeline: February 2010
Phase 3	\$ 10,000	Timeline: May 2010
Phase 4	\$ 30,000	Timeline: June 2010
Phase 5	\$ 5,000	Timeline: September 2010
Phase 6	\$ pending	Timeline: September 2011
<b>Total:</b>	<b>\$ 60,000</b>	

Funding is primarily to cover travel expense costs for attendees and to cover meeting and plan production logistical expenses and hired services. Agencies and campuses will fund their own personnel costs.

Phase 6 funding will be dependant upon the final plan recommendations, administrative process requirements, and necessary curriculum or program development.

## **DETAILED DESCRIPTION OF ACTION PLAN PHASES**

### **Phase 1- Creation of the Academic-Professional CEMHS Education and Training Strategic Plan Workgroup**

#### **OBJECTIVE**

The first step is to bring together representatives from all interested academic and professional partners into a collaborative workgroup for the purpose of drafting a portfolio of coordinated, integrated, seamless and portable EM-HS education and training programs throughout California, including training academies, postsecondary education system and terminal degree programs (Masters/Ph.D.)

CEMHS will work closely with the *Training Partners* and state, federal, tribal and local government agencies and academic/administrative units on campuses (public and private), public organizations, and the private sector to determine who be considered as key stakeholders.

**CEMHS Workgroup Membership:** University, agency training program, training organization or individuals involved in the development or promulgation of academic programs, professional standards, or accreditation/curriculum review process would be invited as group participants.

**Timeline:** September 2009. The initial CEMHS Education and Training Workgroup should be composed and prepared for a meeting on or after October 1<sup>st</sup>, 2009.

### **Phase 2- Research and identify the California Emergency Management and Homeland Security Education and Training Strategic Plan Foundational Program Design and Formulation**

- Professional demand for EM-HS Education and Training Programs
- Types of EM-HS Education and Training Programs available
- Sources of EM-HS Education and Training Programs
- Identification of gap in demand versus availability

#### **OBJECTIVES**

Once the CEMHS Workgroup is organized, the second step is to take stock of all current (and near future) programs, courses, and education/training/teaching innovations in this area. Identify the workplace demand and what training and education programs currently exist on our campuses and in training programs? This is a capability-gap analysis. If workgroup membership is representative of all programs, we will have a comprehensive view of the landscape.

In addition to collegiate education programs, programs and courses already developed (and approved) for utilization by the U.S. Department of Homeland Security, the FEMA

Higher Education Program, the California Emergency Management Agency, Peace Officers Standards and Training (POST), State Fire Training, other Cal EMA “Training Partners” and the Center for Homeland Defense and Security will be considered. CEMHS can build off the 2008 California HS-EM Demographics and Training and Education Availability study done for Cal EMA by Cal Poly, San Luis Obispo, the *Blueprint: 2020 California State Fire Training and Education Strategic Plan 2008* done by the California State Fire Marshal, and other similar studies.

### **Types of EM-HS Education and Training Programs**

- Professional Certificate/Academic Certification Programs- (Current and Proposed)
- Associate Degree Programs (A.A., A.S., A.A.S., Specialization, Certificate Programs)
- Bachelors Degree Programs (B.A., B.S., Minors and Concentrations, Certificate Programs)
- Masters Degree Programs (M.A., M.S., M.P.S., Specializations, Certificate Programs)
- Professional Science Masters Degrees Programs (PSM)
- Ph.D. Programs (Degree Program and Advanced Specializations)

### **Sources of EM-HS Training and Education Programs**

- Training Academy (Fire, Law Enforcement, Medical, Corrections)
- Training Partners programs
- California Community Colleges
- California State University
- University of California
- Private/Independent Colleges

### **Important Workgroup Outcomes/Deliverables**

CEMHS will identify the variety of critical foundational knowledge and practical applicability of programs and other important considerations in EM-HS education and training programs. This information will be developed through various facilitative and collaborative processes.

A capability gap analysis will be used to construct a strategic matrix and link with our key stakeholders. The matrix will include EM-HS education and training programs reflecting the curriculum core for the **California Emergency Management and Homeland Security Education and Training Strategic Plan**.

**The CEMHS group will address the following key questions:**

- Foundational Goals and Objectives of EM-HS Education and Training Programs
  - Major Curriculum Areas of Focus in EM-HS Education and Training Programs
  - Core: Student Learning Objectives/ Knowledge Skill Area Outcomes
  - Specialization: Student Learning Objectives/ Knowledge Skill Area Outcomes
  - Inputs, Resources, Capability-Gap Needs Assessment “What is Necessary to Build and Stand Up EM-HS Education and Training Programs”
  - Program Delivery Models (Traditional, Online, Hybridized)
  - EM-HS Education and Training Program Objectives, Strategies, Outcomes
- 
- **Prepare and present information at the 2009 Cal EMA State Homeland Security Grant State Investment Justification Workshop.**

**Timeline:** February 2010

**Phase 3- Development of the California Emergency Management and Homeland Security Education and Training Strategic Plan to address the gap in demand and availability including:**

**OBJECTIVE**

The third phase would be to construct an integrated matrix of selected types of programs. The resulting matrix would reflect the fundamentals and basics of the portfolio of coordinated, integrated, seamless and portable EM-HS education and training programs in California. Types of programs selected for initial development will be guided by key stakeholders

This matrix will become the foundation for the Emergency Management and Homeland Security Education and Training Strategic Plan. The plan can be utilized for new program design, connectivity, articulation agreements, and MOUs for a comprehensive integrated vertical and horizontal program of education and training in both EM and HS across all education and training providers. This matrix can also serve as the design framework for additional degree and certification specialization tracks.

**Deliverable:** Completed California Emergency Management and Homeland Security Education and Training Strategic Plan.

**Timeline:** May 2010

**Phase 4- Deliver the California Emergency Management and Homeland Security Education and Training Strategic Plan to the 2010 CEMHS Summit**

**OBJECTIVE**

Have a completed **California Emergency Management and Homeland Security Education and Training Strategic Plan** including the matrix of programs and curriculum prepared for delivery at the 2010 CEMHS Summit.

**Timeline:** June 2010.

**Phase 5- Identify administrative and funding requirements to implement the California Emergency Management and Homeland Security Education and Training Strategic Plan**

**OBJECTIVE**

After the presentation of the 2010 **California Emergency Management and Homeland Security Education and Training Strategic Plan** at the 2010 CEMHS Summit, CEMHS will identify and submit findings of administrative and funding requirements to implement the plan. CEMHS will identify potential funding sources.

**Timeline:** Fall 2010

**Phase 6- Implement Recommendations and Workgroup Findings to “stand up” the California Emergency Management and Homeland Security Education and Training Strategic Plan**

Recommendations will include an implementation plan with timeline for logical priority and chronology of program development and implementation based on input of key stakeholders, administrative requirements and funding availability.

**Timeline:** Fall 2011

**APPENDIX C – STATE AGENCY FORMS  
FY 2009 PROJECT NARRATIVE**

**Applicant** (state organization) **CALIFORNIA STATE UNIVERSITY**

*NOTE: Complete a separate Project Description for each proposed project*

**ProjectTitle:** **ENHANCING REAL-TIME METEOROLOGICAL MONITORING FOR RAPID  
EMERGENCY RESPONSE SERVICES (Project D)**

**Total Amount Requested:** **\$51,500**

**State Strategy Goal and Objective Supported by the Project:** **Goal 1, Objective 1.3; Goal 7, Objectives  
7.1 and 7.2**

**Indicate the State Priority Supported by the Project:**

- Interoperable Communications**
- Catastrophic Planning**
- Medical Surge**
- Citizen Preparedness and Participation**
- Mass Prophylaxis**
- Critical Infrastructure Protection**
- Training for First Responders**

**Provide a detailed description of the proposed project and how it supports the state priority indicated.**

See attached detailed proposal.

**For construction and/or renovation projects, provide the following additional information:**

- A description and location of the facility;
- A description of the vulnerability assessment and the date the assessment was conducted (the assessment does not have to be submitted with the application);
- A description of how the proposed project will address the vulnerabilities identified in the assessment;
- A description of the consequences if the project is not funded under HSGP FY09

**Please check the appropriate box:**

- Our agency currently has spending authority for the requested funds.
  - Our agency does not currently have spending authority for the requested funds. See below for explanation:
-

# Enhancing Real-Time Meteorological Monitoring for Rapid Emergency Response Services in the San Francisco Bay Area

a proposal submitted to the

## FY 2009 Homeland Security Grant Program (HSGP)

by

Craig B. Clements, Ph.D.  
Assistant Professor,  
Department of Meteorology, San José State University  
One Washington Square, San José, CA 95192  
E-mail: [clements@met.sjsu.edu](mailto:clements@met.sjsu.edu) Phone: 408-924-5275

### Overview

This project seeks funds to enhance the meteorological data network in Santa Clara County and South Bay Area and incorporating the data into the SJSU Bay Area Wind Modeling System for public web display. This resource will provide the Bay Area and in particular, Santa Clara County emergency responders with accurate and real-time wind data for strengthening evacuation planning during potential chemical, biological, radiological, and nuclear (CBRN) hazardous incidents.

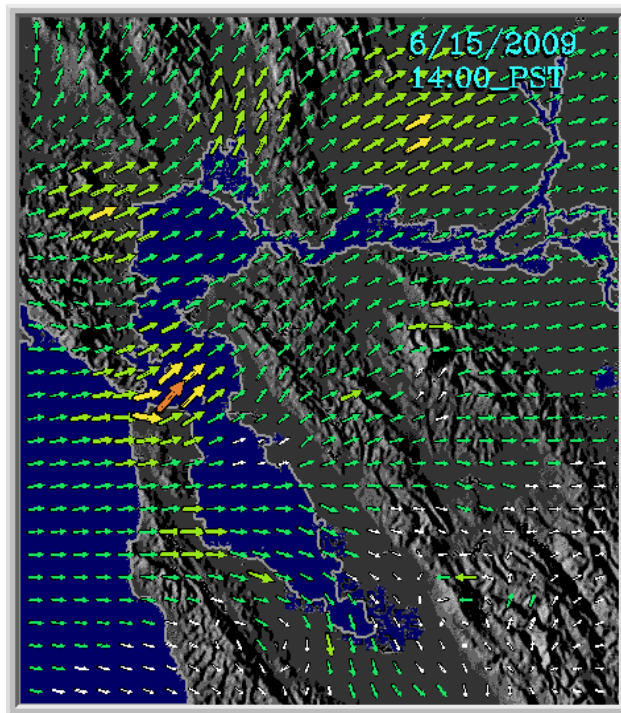
### Background and Need

The San Francisco Bay Area is associated with very complex wind patterns due to its unique mountainous topography and proximity to the Pacific Ocean (Bridger et al. 1994). To forecast the resulting circulations within the Bay Area, high spatial resolution meteorological data is needed for input into forecast models. Since the Bay Area is designated as a Tier-1 urban area, it is crucial for emergency management teams from all agencies to have access to real-time meteorological data in order to respond to catastrophic events CBRN releases. A real-time, web-based, meteorological data system will provide a means for better evacuation plans during such events. A better knowledge of where released CBRN material will be transported to by winds at the surface and above the surface will play a major role in protecting communities downwind of the incident location.

The Department of Meteorology at San Jose State University (SJSU) is operating the Bay Area's most comprehensive wind modeling system for public display (Fig. 1). This modeling system (Ludwig et al. 1991; Bridger et al. 1994) ingests real-time meteorological data and produces surface wind maps every 5 minutes and posts them on the web for public use (<http://www.met.sjsu.edu/cgi-bin/wind/windbin.cgi>). To better predict Bay Area wind circulations, a higher-resolution data set, in both space and time, is needed. This requires more sites with faster data output.

While there are a number of meteorological stations in the Bay Area that provide some of this needed data (e.g. FAA, and air quality districts), most of these networks report data at 1 hr time intervals. In addition, there are major spatial gaps in these networks (Horel et al. 2002). In particular, in the south region of the Bay Area (Santa Clara County), there are no meteorological stations along the crest of the Santa Cruz mountains, specifically between Mt. Umunhum and Loma Preita Peak. The lack of meteorological data at this particular location limits meteorologist's ability to forecast

winds above the surface in the south bay. By adding meteorological observations along the mountain crest, the influence of the marine layer on south bay wind circulations will be better represented in the Bay Area Wind Modeling System and will allow for more accurate surface wind forecasts. This is a major limitation to our understanding of Bay Area meteorology and in particular Santa Clara County. Microscale or local-scale winds are the most important winds that affect the transport and dispersion of materials that are released during a CBRN incident (Whiteman, 2000). All meteorological networks worldwide are limited by space between measurement sites and the Bay Area is no different. While having meteorological stations in the urban centers is important to determine wind direction at those locations, those observations do not represent winds aloft that are responsible for the transport of CBRN materials to downwind communities. Therefore, it is critical to have real-time data available along the mountains of the Bay Area and we propose to enhance these needed data by the installation of two meteorological towers in known data gaps of the Bay Area.



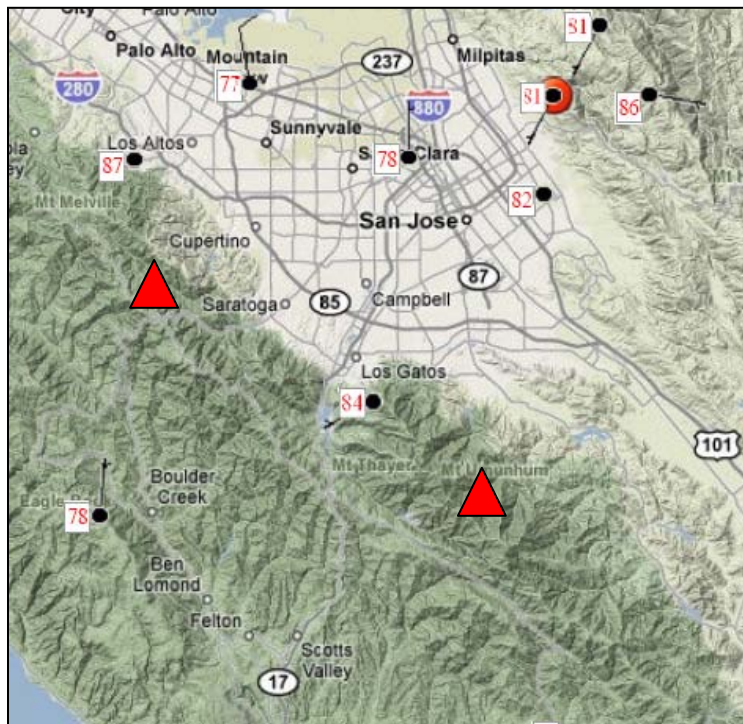
**Figure 1.** Image taken from the SJSU Bay Area Wind Model web page showing domain, terrain, forecasted and observed winds on June 15, 2009.

### **Project Objectives**

This project seeks to further develop the meteorological monitoring in the Bay Area by requesting funding to enhance the meteorological observation network and increasing the domain of the Bay Area Wind Model which requires computational resources for operating the system to make it faster and more reliable. Specifically, we request funds for

- (1) the installation of *two* meteorological towers including the purchase of the necessary sensors and communication equipment, and installation costs;
- (2) the purchase of a data server to deliver the meteorological data to the community and for the expansion and operation of the Bay Area Wind Modeling System in Santa Clara County.

The proposed locations of the two sites are on the crest of the Santa Cruz Mountains and have been selected to fill the spatial gap in the regions weather monitoring network (Fig. 2). These sites are located within the Midpeninsula Regional Open Space District and we have an agreement in place with the District to lease the land at no cost.



**Figure 2.** Present RAWS and NWS weather station locations (solid black circles). Red Triangles indicate locations of the two proposed meteorological towers. Notice lack of monitoring stations near selected sites and Santa Clara County in general.

### Regional Benefits

The proposed enhancement of the Bay Area’s meteorological monitoring network will benefit the entire region of the greater Bay Area by providing this critical meteorological data and modeling system. The two additional sites will also benefit the National Atmospheric Release Advisory Center (NARAC) at Lawrence Livermore National Laboratory which runs a suite of models for release incident management. Additionally, these sites will be useful for fire weather monitoring in the region by local fire districts, the National Weather Service Monterey office, and the Santa Clara Unit of Cal Fire. Finally, the data from these two sites will also be incorporated into the Meteorology Department curriculum at SJSU for education and teaching purposes and will benefit the students at SJSU.

### Project Gap Analysis

This project responds directly to the HSGP 2009 National Priority 3 to strengthen Chemical, Biological, Radiological/Nuclear, and Explosive (CBRNE) Detection, Response, and Decontamination Capabilities. In particular, **Goal 1, Objective 1.3:** Strengthen Communications Capabilities; Enhance public communications, alert and warning systems. The proposed meteorological data system will help emergency management teams communicate evacuation strategies and locations where resources are needed in the event of a terrorist attack. The proposed location of the installation is not in

the vicinity of the urban areas in the south bay, but will enhance the ability of forecasters and the Bay Area Wind Modeling System to better predict the local scale circulations within the south bay. In addition, this project responds to **Goal 7, Objectives 7.1 and 7.2:** Enhanced Catastrophic Incident Planning, Response and Recovery; Strengthen Catastrophic Emergency Management Capabilities Across all Mission Areas, and for a Multidiscipline Response to Terrorism. The installation of a state-of-the-art meteorological system in an area that has no data available at present will enhance the ability of all agencies in the Bay Area to better prepare for major incidents in the Bay Area on a whole. URS identifies the current area gap in Hazard-/CBRNE Incident specific elements for chemical, biological and nuclear as 78, 70, and 90%, respectively (Table 11-2). By funding this resource, this gap would decrease and also be filled for the South Bay and Santa Clara County.

**Project Cost and Budget**

1. Meteorological towers, sensors, and equipment:	\$ 22,500
2. Time-lapse video camera:	\$ 5,500
3. Communications satellite receiver system:	\$ 7,000
4. Data server system:	\$ 8,000
5. Installation costs/security fence:	\$ 7,000
6. F&A@3%	\$ 1,500
<b>Total:</b>	<b>\$ 51,500</b>

**Cost and Budget Justification**

We are asking for funding to cover one-time costs associated with equipment acquisition and installation of two meteorological towers. No salary or continuous operating costs are required. The PI will include his time at no cost to the project. In addition, the Department of Meteorology will include student time for the installation portion of the project. All maintenance required for the operation of the tower will be conducted at no cost to the project by the PI.

The budget includes all the necessary instrumentation for two state-of-the-art meteorological installations including temperature, humidity, wind speed and direction, pressure, precipitation, radiation, and visibility. In addition, a time-lapse video camera system will provide images for plume release identification and cloud conditions. The communications system will use GOES satellite receiver and transmitters to relay the meteorological and image data to SJSU computer servers. The data stream will also be available to other agencies upon request. The data server system includes a computer and disk storage system with a large capacity power backup system to ensure data availability during a power outage. We request funds to cover the one-time installation costs for site preparation and installation of a security fence. The towers will be 10 m (33 ft.) in height and will be powered using solar panels and deep-cycle batteries. The tower locations have been identified and an agreement with Midpeninsula Regional Open Space District (see attached letter of support) has already been put in place for a no-cost lease of land for site installation.

**Project Timeline**

The project timeline will be 9 months from the date that funds are acquired. During the first 3 months, equipment will be ordered and the site preparation will begin. Installation will occur during the 3-6 month period and final system testing and checks

will occur during months 7-9. Data will be streaming at the end of this 9-month period. A final project report will be submitted to the HSGP program manager.

### **References**

Bridger, A.F.C., A.J. Becker, F.L. Ludwig, R.M. Endlich, 1994: Evaluation of the WOCSS wind analysis scheme for the San Francisco Bay Area. *Journal of Applied Meteorology*, **33**, pp 1210-1218

Horel, J., M. Splitt, L. Dunn, J. Pechmann, B. White, C. Ciliberti, S. Lazarus, J. Slemmer, D. Zaff, J. Burks, 2002: MesoWest: Cooperative Mesonets in the Western United States. *Bull. Amer. Meteor. Soc.*, 83, 211-226.

Ludwig, F.L., J.M. Livingston, R.M. Endlich, 1991: Use of mass conservation and critical dividing streamline concepts for efficient objective analysis of winds in complex terrain. *J. Appl. Meteor.* **30**, 1490-1499.

Whiteman, C. D., 2000: Mountain Meteorology: Fundamentals and Applications. *Oxford University Press*, New York, 355pp.

CALIFORNIA EMERGENCY MANAGEMENT AGENCY

GRANT APPLICATION COVER SHEET

Alterations to this document may result in delayed application approval, modification, or reimbursement requests. Subgrantees may be asked to revise and/or re-submit any altered Financial Management Forms Workbook.

CFDA #: 97.067

1. Applicant Name:	California State University
2. FIPS #:	000-92010
3. Date:	July 15, 2009
4. Grant Number:	

*For State Use only*

Application Approved By:	_____
Grant Performance Period:	_____
FIPS Number:	_____
Grant Number:	_____
Date:	_____

5. Program Selection	6. Amount Requested	7. FOR YEAR
State Homeland Security Grant Program (SHSGP)	\$ 1,102,100	2009

8. Authorized Body of 5- Signature and contact information

Position	Signature	Printed Name	Title	Designee Y/N	Phone	Email
County Public Health Officer	_____					
County Fire Chief	_____					
Municipal Fire Chief	_____					
County Sheriff	_____					
Chief of Police	_____					
Additional Position (Optional)	_____					
Additional Position (Optional)	_____					

9. Authorized Agent contact information

Authorized Agent's Name	Title	Mailing Address	City	State	Zip	Phone	Email
Sue DeRosa	Director, Sponsored Program Administration	401 Golden Shore	Long Beach	CA	90802	562.951.4213	<a href="mailto:sderosa@calstate.edu">sderosa@calstate.edu</a>
Charlene Minnick	Director, Risk Management	401 Golden Shore	Long Beach	CA	90802	562.951.4580	<a href="mailto:cminnick@calstate.edu">cminnick@calstate.edu</a>
Charles B. Reed	Chancellor	401 Golden Shore	Long Beach	CA	90802	562.951-4700	<a href="mailto:creed@calstate.edu">creed@calstate.edu</a>
Contact's Name	Title	Mailing Address	City	State	Zip	Phone	Email
Donna Jordan	Grant Administrator	University Police Dept, Cal Poly SLO	San Luis Obispo	CA	93407	805.756.6679	<a href="mailto:djordan@calpoly.edu">djordan@calpoly.edu</a>
William Watton	Chief of Police	University Police Dept, Cal Poly SLO	San Luis Obispo	CA	93407	805.756.6650	<a href="mailto:wwatton@calpoly.edu">wwatton@calpoly.edu</a>
Keith Clement	CEMHS Planning Director	CSUF 2576 East San Ramon Ave, M/S ST104	Fresno	CA	93740	559.278.1011	<a href="mailto:kclements@csufresno.edu">kclements@csufresno.edu</a>
Craig B. Clements	Assistant Professor	Department of Meteorology, SJSU	San Jose	CA	95192	408.924.5275	<a href="mailto:clements@met.sjsu.edu">clements@met.sjsu.edu</a>

10. Statements of Certification

**Statement of Certification-Approval Authority Body - SHSGP only**

By signing below, I hereby certify that the Operational Area's application represents the Approval Authority's consensus on the Operational Area's Homeland Security Grant Program needs for the State Homeland Security Grant Program.

Select Application Type: NSGP, TA, SA, UASI, OA ->	SA
--	----

Statement of Certification - State Agency Authorized Agent - By signing below, I hereby certify I am the duly appointed Authorized Agent and have the authority to apply for this Grant Program and the Agency's application represents the needs for this Grant Program.

11. Authorized Agent name/signature/date

Printed Name	Signature	Date
Sue DeRosa	_____	Wednesday, July 15, 2009

CALIFORNIA EMERGENCY MANAGEMENT AGENCY

PROJECT LEDGER

Alterations to this document may result in delayed application approval, modification, or reimbursement requests.  
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**Warning!** Decimal usage is not allowed. Attempts to use decimals will prompt error message.

CFDA #: 97.067

California State University

000-92010

LEDGER TYPE:	Initial Application
Today's Date:	Thursday, July 16, 2009
Expenditure Period:	(Date) From: (Date) To:

Item Number	Project	Project Name	Funding Source	Discipline	Solution Area	Solution Area Sub-Category	Total Obligated	Amount Approved Previous	Amount This Request	Match Amount	Total Approved	Remaining Balance	Percentage Complete
							<b>1,102,100</b>	-	-	-	-	<b>1,102,100</b>	
1	A	Secure Infrastructure Protection	SHSGP	LE	Equip	Other Authorized Equipment	600,000				-	600,000	
2		M&A	SHSGP	GA	M & A	All Other M&A Expenses	18,000				-	18,000	
3	B	Interoperable Communications	SHSGP	LE	Equip	Interoperable Communications Equipment	360,000				-	360,000	
4		M&A	SHSGP	GA	M & A	All Other M&A Expenses	10,800				-	10,800	
5	C	CEMHS Training/Higher Education Strategic Plan	SHSGP	EMG	Plan	Develop or Conduct Assessments	60,000				-	60,000	
6		M&A	SHSGP	GA	Plan	All Other M&A Expenses	1,800				-	1,800	
7	D	Enhancing Real-Time Meterological Monitoring	SHSGP	EMG	Equip	Other Authorized Equipment	50,000				-	50,000	
8		M&A	SHSGP	GA	M & A	All Other M&A Expenses	1,500				-	1,500	



CALIFORNIA EMERGENCY MANAGEMENT AGENCY

PROJECT DESCRIPTIONS

*Alterations to this document may result in delayed application approval, modification, or reimbursement requests.  
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CFDA #: 97.067

California State University  
000-92010  
July 15, 2009

Project	State Investment Justification Goals and Objectives	Project Description	Need	Project Milestone & Justifications
Project A	Investment (Goal) 1, Strengthen Communications Capabilities; Objective 1.1, Enhance Interoperable Communications Capabilities within all Disciplines; Objective 1.4, Enhance Public communications Alert, and Warning systems; Objective 1.18, Enhance communication Backup and Redundancy for Interoperability Systems to Ensure Comms are Maintained Following Catastrophic Events; Objective 1.23, Assist with the development of Interoperability Assessment for Schools and Universities;	This continues a multi-year project designed to enhance the ability of the CSU campus public safety offices and emergency operations centers to communicate with on and off campus partners and the community.	This project will result in improved response to emergencies including CBRNE events. The need for this project was identified four years ago in a system wide needs assessment document. In that study input was received from each CSU campus on key areas required to improve campus preparedness for CBRNE and other emergency events. As technology improves we find additional equipment allowing more efficiencies, better coverage, and better and wider interoperability.	At the 6 month mark, this project will be 0 % complete and \$ 0 funds will be expended. At the 12 month mark, this project will be 25 % complete and \$75,000 funds will be expended. At the 18 month mark, this project will be 100 % complete and \$300,000 funds will be expended.
Project B	Investment (Goal) 4, Enhance Critical Infrastructure and Key Resource Protection; Objective 4.2, Enhance Protection of other Critical Infrastructure and Key resources consistent with the National Infrastructure Protection Plan; Objective 4.3, Continued Assessment of Critical Infrastructure; Objective 4.4, Enhance Critical Infrastructure Protection to Implement the National Infrastructure Protection Plan; Objective 4.13, Enhance the Buffer Zone Protection Program.	This project will provide funding for CSU campuses to address physical security vulnerabilities through the purchase of authorized equipment.	The need or the project was identified four years ago in a system wide needs assessment document. In that study input was received from each CSU campus on key areas required to improve campus preparedness and response for CBRNE and other emergency events. Physical security enhancement was a high priority identified in this study.	At the 6 month mark, this project will be 0% complete and \$0 funds will be expended. At the 12 month mark, this project will be 25% complete and \$75,000 funds will be expended. At the 18 month mark, this project will be 100% complete and \$300,000 funds will be expended.
Project C	Investment 8: Enhance Homeland Security Exercise, Evaluation, and Training Program Goal: Goal 8 Homeland Security Exercise, Evaluation, and Training Programs Objective: 8.1 Enhance Statewide Training and Exercise programs across all mission areas within California	<b>Council Emergency Management and Homeland Security (CEMHS).</b> Project is designed to develop and implement a statewide strategic education plan linking Community Colleges, CA State University, and University of California higher education programs that are focused on Homeland Security and Emergency Management programs with agency training programs. End goal is a vertical integration of training and education programs from academies, certificate programs, associate degrees, bachelor degrees, and graduate degree programs	California does not have systematic approach to integrating the education and training for the first responder community and future Homeland Security and Emergency Management professionals. This project would develop a strategic design for an integrated statewide system. Need was established as a result of the 2008 Metrics Project study on the Homeland Security and Emergency Management professional demographics including education, training, and experience requirements as compared to availability of those programs in California	At the 6 month mark, this project will be 25 % complete and \$ 15,000 funds will be expended. At the 12 month mark, this project will be 75% complete and \$ 55,000 funds will be expended. At the 18 month mark, this project will be 100 % complete and \$ 60,000 funds will be expended.

Project	State Investment <b>Justification</b> Goals and Objectives	Project Description	Need	Project Milestone & Justifications
Project D	Investment (Goal 1) Strengthen communications Capabilities, Objective 1.3: Strengthen Communications Capabilities; Enhance public communications, alert and warning systems. The proposed meteorological data system will help emergency management teams communicate evacuation strategies and locations where resources are needed in the event of a terrorist attack. to Goal 7, Objectives 7.1 and 7.2: Enhanced Catastrophic Incident Planning, Response and Recovery; Strengthen Catastrophic Emergency Management Capabilities Across all Mission Areas, and for a Multidiscipline Response to Terrorism.	This project seeks to further develop the meteorological monitoring in the Bay Area by requesting funding to enhance the meteorological observation network and increasing the domain of the Bay Area Wind Model which requires computational resources for operating the system to make it faster and more reliable. Specifically, we request funds for (1) the installation of two meteorological towers including the purchase of the necessary sensors and communication equipment, and installation costs; (2) the purchase of a data server to deliver the meteorological data to the community and for the expansion and operation of the Bay Area Wind Modeling System in Santa Clara County.	To forecast the resulting circulations within the Bay Area, high spatial resolution meteorological data is needed for input into forecast models. Since the Bay Area is designated as a Tier-1 urban area, it is crucial for emergency management teams from all agencies to have access to real-time meteorological data in order to respond to catastrophic events CBRN releases. A real-time, web-based, meteorological data system will provide a means for better evacuation plans during such events. A better knowledge of where released CBRN material will be transported to by winds at the surface and above the surface will play a major role in protecting communities downwind of the incident location.	At the 6 month mark, this project will be 25% complete and \$ 12,875 funds will be expended. At the 12 month mark, this project will be 75 % complete and \$ 38,625 funds will be expended. At the 18 month mark, this project will be 100 % complete and \$ 51,500 funds will be expended.











*Risk Management*  
401 Golden Shore, 5th Floor  
Long Beach, CA 90802-4210

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Charlene Minnick  
Chief Risk Officer

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Fax 562-951-4859  
E-mail [cminnick@calstate.edu](mailto:cminnick@calstate.edu)

July 17, 2009

**California State University (CSU)  
Systemwide Terrorism Liaison Officer (TLO)**

In order to support the continued expansion and development of a statewide network of individuals in first-responder agencies who are connected to the State Terrorism Threat Assessment System and who have awareness of ongoing threats and advisory information, the following individual is designated as the CSU Systemwide Terrorism Liaison Officer:

Chief Nate Johnson  
Sonoma State University  
1801 East Cotati Avenue  
Rohnert Park, CA 94928  
Phone: 707-664-2148  
Email: [nate.johnson@sonoma.edu](mailto:nate.johnson@sonoma.edu)

The Systemwide TLO will establish a campus TLO contact person at each of the 23 campus locations through the state if there is not already an existing TLO person designated. This is consistent with the CSU emergency contact list practice whereby each campus has a designated Police Chief and Emergency Coordinator (see attached lists).

Designated TLO's will contact the respective Regional Terrorism Threat Assessment Center to establish appropriate lines of communication and will participate in appropriate awareness-level trainings as it becomes available.

Sue DeRosa  
Director of Sponsored Programs

**CSU Campuses**  
Bakersfield  
Channel Islands  
Chico  
Dominguez Hills  
East Bay

Fresno  
Fullerton  
Humboldt  
Long Beach  
Los Angeles  
Maritime Academy

Monterey Bay  
Northridge  
Pomona  
Sacramento  
San Bernardino  
San Diego

San Francisco  
San José  
San Luis Obispo  
San Marcos  
Sonoma  
Stanislaus

# Terrorism Liaison Officer (TLO) Roster

<p><b><u>CSU BAKERSFIELD</u></b>            9001 Stockdale Highway            Bakersfield, CA 93311-1022  <b>Claudia Neal, Chief</b>            Asst: Mary Barnes            Office: 661-654-2111            Fax: 661-654-3194  <a href="mailto:cneal@csub.edu">cneal@csub.edu</a></p>	<p><b><u>CSU FRESNO</u></b>            2311 East Barstow, MS PO14            Fresno, CA 93740  <b>David Huerta, Chief</b>            Asst: Lori Alamano            Office: 559-278-8400            Fax: 559-278-7274  <a href="mailto:dhuerta@csufresno.edu">dhuerta@csufresno.edu</a></p>	<p><b><u>CAL MARITIME ACADEMY</u></b>            200 Maritime Academy Drive            Vallejo, CA 94590  <b>Roseann Richard, Chief</b>            Asst: Richard            Office: 707-654-1175            Fax: 707-654-1158  <a href="mailto:rrichard@csuam.edu">rrichard@csuam.edu</a></p>	<p><b><u>CSU SAN BERNARDINO</u></b>            5500 University Parkway            San Bernardino, CA 92407  <b>Jimmie Brown, Chief</b>            Asst: Gini Ashton            Office: 909-537-5165            Fax: (909) 537-7499  <a href="mailto:brown@csusb.edu">brown@csusb.edu</a></p>	<p><b><u>CSU SAN MARCOS</u></b>            333 S. Twin Oaks Valley Road            San Marcos, CA 92096-0001  <b>Ronald J. Hackenberg, Chief</b>            Asst: Susan Brown            Office: 760-750-4567            Fax: 760-750-3046  <a href="mailto:rhackenb@csusm.edu">rhackenb@csusm.edu</a></p>
<p><b><u>CSU CHANNEL ISLANDS</u></b>            One University Drive            Camarillo, CA 93012  <b>John M. Reid, Chief</b>            Asst: Colleen Mitchell            Office: (805) 437-8444            Fax: 805-437-8440  <a href="mailto:john.reid@csuci.edu">john.reid@csuci.edu</a></p>	<p><b><u>CSU FULLERTON</u></b>            800 N. State College Boulevard            Fullerton, CA 92634  <b>Judi King, Chief</b>            Asst: Verna Raun            Office: 657-278-2515            Fax: 657-278-5665  <a href="mailto:jking@fullerton.edu">jking@fullerton.edu</a></p>	<p><b><u>CSU MONTEREY BAY</u></b>            100 Campus Center, Bldg. 82F            Seaside, CA 93955-8001  <b>Fred Hardee, Chief</b>            Asst: Debra Dellmar            Office: 831-582-3360            Fax: 831-582-3384  <a href="mailto:fhardee@csumb.edu">fhardee@csumb.edu</a></p>	<p><b><u>SAN DIEGO STATE UNIVERSITY</u></b>            5500 Campanile Drive            San Diego, CA 92182-8210  <b>John Browning, Chief</b>            Asst: Wanda MacMillan            Office: 619-594-6905            Fax: 619-594-6653  <a href="mailto:browning@mail.sdsu.edu">browning@mail.sdsu.edu</a></p>	<p><b><u>SONOMA STATE UNIVERSITY</u></b>            1801 East Cotati Avenue            Rohnert Park, CA 94928  <b>*Nate Johnson, Chief &amp; Systemwide Police Coordinator</b>            Asst: Missy Brunetta            Office: 707-664-2143            Fax: 707-664-2248  <a href="mailto:nate.Johnson@sonoma.edu">nate.Johnson@sonoma.edu</a></p>
<p><b><u>CSU CHICO</u></b>            400 West First Street            Chico, CA 95929-0133  <b>Eric Reichel, Chief</b>            Asst: Deborah Furgason            Office: 530-898-5555            Fax: 530-898-6004  <a href="mailto:ereichel@csuchico.edu">ereichel@csuchico.edu</a></p>	<p><b><u>HUMBOLDT STATE UNIVERSITY</u></b>            1 Harpst Street            Arcata, CA 95521  <b>Thomas Dewey, Chief</b>            Asst: Brooke Crowder-Fiore            Office: 707-826-5555            Fax: 707-826-4637  <a href="mailto:twd7001@humboldt.edu">twd7001@humboldt.edu</a></p>	<p><b><u>CSU NORTHRIDGE</u></b>            18111 Nordhoff Street            Northridge, CA 91330-8282  <b>Anne Glavin, Chief</b>            Asst: Kathy Heslep            Office: 818-677-2111            Fax: 818-677-5816  <a href="mailto:anne.glavin@csun.edu">anne.glavin@csun.edu</a></p>	<p><b><u>SAN FRANCISCO STATE UNIV.</u></b>            1600 Holloway Avenue            San Francisco, CA 94132  <b>Kirk Gaston, Chief</b>            Asst: Joy Manaois            Office: 415-338-2747            Fax: 415-338-1926  <a href="mailto:kgaston@sfsu.edu">kgaston@sfsu.edu</a></p>	<p><b><u>CSU STANISLAUS</u></b>            One University Circle            Turlock, CA 95382  <b>Steven Jaureguy, Chief</b>            Asst: Donevon Murrell            Office: 209-667-3114            Fax: 209-667-3104  <a href="mailto:sjaureguy@csustan.edu">sjaureguy@csustan.edu</a></p>
<p><b><u>CSU DOMINGUEZ HILLS</u></b>            1000 East Victoria Street            Carson, CA 90747  <b>Susan Sloan, Chief</b>            Asst: Susie Mirasol            Office: 310-243-3639            Fax: 310-516-4259  <a href="mailto:ssloan@csudh.edu">ssloan@csudh.edu</a></p>	<p><b><u>CSU LONG BEACH</u></b>            1250 Bellflower Blvd.            Long Beach, CA 90840-8001  <b>Stan Skipworth, Chief</b>            Asst: Gail Smith            Office: 562-985-8547            Fax: 562-985-8533  <a href="mailto:stans@csulb.edu">stans@csulb.edu</a></p>	<p><b><u>CAL POLY POMONA</u></b>            3801 West Temple Avenue            Pomona, CA 91768  <b>Mike Guerin, Chief</b>            Asst: Alma Pettengill            Office: 909-869-3070            Fax: 909-869-4909  <a href="mailto:mguerin@csupomona.edu">mguerin@csupomona.edu</a></p>	<p><b><u>SAN JOSE STATE UNIVERSITY</u></b>            One Washington Square            San Jose, CA 95192-0012  <b>William Coker, Acting Chief</b>            Asst: Claire Kotowski            Office: 408-924-2173            Fax: 408-277-3512  <a href="mailto:william.coker@sjsu.edu">william.coker@sjsu.edu</a></p>	<p><b><u>OFFICE OF THE CHANCELLOR</u></b>            401 Golden Shore, 5<sup>th</sup> Floor            Long Beach, CA 90802-4275  <b>Charlene Minnick</b>            Chief Risk Officer            Asst: Leona Ching            Office: 562-951-4580  <a href="mailto:cminnick@calstate.edu">cminnick@calstate.edu</a></p>
<p><b><u>CSU EAST BAY</u></b>            25800 Carlos Bee Boulevard            Hayward, CA 94542  <b>Janeith Glenn-Davis, Chief</b>            Asst: Wanda Davenport            Office: 510-885-3791            Fax: 510-885-4385  <a href="mailto:jan.davis@csueastbay.edu">jan.davis@csueastbay.edu</a></p>	<p><b><u>CSU LOS ANGELES</u></b>            5151 State University Drive            Los Angeles, CA 90032  <b>Greg King, Chief</b>            Asst: Marina Jauregui            Office: 323-343-3700            Fax: 323-343-3727  <a href="mailto:gking@cslanet.calstatela.edu">gking@cslanet.calstatela.edu</a></p>	<p><b><u>CSU SACRAMENTO</u></b>            6000 "J" Street            Sacramento, CA 95819  <b>Ken Barnett, Chief</b>            Asst: Suzanne Bracamonte            Office: 916-278-6851            Fax: 916-278-6889  <a href="mailto:barnettkj@csus.edu">barnettkj@csus.edu</a></p>	<p><b><u>CAL POLY SAN LUIS OBISPO</u></b>            1 Grand Avenue            San Luis Obispo, CA 93407-0140  <b>William Watton, Chief</b>            Asst: Kelly Steveson            Office: 805-756-2281            Fax: 805-756-6676  <a href="mailto:wwatton@calpoly.edu">wwatton@calpoly.edu</a></p>	<p><b>* Systemwide Police Coordinator</b></p>

**CALIFORNIA JRIES** CALIFORNIA JOINT REGIONAL INFORMATION EXCHANGE SYSTEM  
ACCOUNT APPLICATION

**Application Submission Success!**

**Thank you for your interest in using the CAL JRIES applications.**

**Do NOT use the Back Button to return to your application!**

Please do not submit your application again - you will receive an email once your application has been reviewed and a decision has been made.

Please contact the Help Desk if you require assistance, need to update your application, and / or would like to check on the status of your application.

**The Help Desk can be reached at (916-227-3987 or 888-710-7467).**

**To close the window, please click the "X" icon at the top right corner of the browser window.**

# CALIFORNIA JRIES CALIFORNIA JOINT REGIONAL INFORMATION EXCHANGE SYSTEM

## ACCOUNT APPLICATION

### CAL JRIES Portal and Groove Account Application

**Please note the following:**

1. Fields marked with an asterisk (\*) are required.
2. To print, set your paper orientation to landscape and left/right margins to 0.5 inch.
3. For assistance, contact the Help Desk at 916-227-3987 or 888-710-7467.

**Applicant Information**

Last Name:  \* First Name:  \*

Email Address:  \*

Do you hold an Upper Mgmt. (Chief, Deputy, Director, Commissioner, etc.) or like position?  Yes  No\* If yes, supervisor data will not be required below.

Are you a law enforcement personnel?  Yes  No\*

Are you Sworn or Non-Sworn personnel?  Sworn  Non-Sworn\*

Are you a Law Enforcement Intelligence Unit (LEIU) Member?  Yes  No\*

Do you work Full Time or Part Time?  Full Time  Part Time\*

Have you previously been granted access to Groove?  Yes  No\* If Yes, by whom?

Have you previously been granted access to Portal?  Yes  No\* If Yes, by whom?

What are your Job Responsibilities related to your need for access to CAL JRIES?  
 \*

What Crime Categories relate to your need for access to CAL JRIES?  
 \*

**Agency Information**

**Parent Agency:**  \*

Rank/Title:  \*

Job Classification:  \*

Street Address:  \*

Note: Please enter agency name, street address, city, county, state, and zip in the text box above.

Work #:  \*

Cell #:  Fax:

**Assigned Agency:**  Same as Parent Agency

Agency:  \*

Rank/Title:  \*

Job Classification:  \*

Street Address:  \*

Work #:  \*

Cell #:  Fax:

**Parent Agency Supervisor:**

Last Name:

First Name:

Rank/Title:

Job Classification:

Contact #:

Email:

**Assigned Agency Supervisor:**

Last Name:

First Name:

Rank/Title:

Job Classification:

Contact #:

Email:

**Account Request Information**

Requested Account(s):  Portal Only  Groove Only  Both Portal and Groove\*

**Application Certification**

- I certify the facts stated above are true and correct to the best of my knowledge.
- I agree to comply with the rules established in 28 CFR Part 23 for Personal Data and Law Enforcement Sensitive Information.
- I agree to comply with the Attorney General Guidelines.
- I certify and agree to only install the DOJ Groove software/accounts (if granted access) on an agency-issued computer.

I CERTIFY/AGREE TO THE ABOVE.\*

## **Description of 25% Preparedness Planning and 25% Law Enforcement**

### **25% Preparedness Planning**

CSU police chiefs meet several times annually to plan activities for the system wide campus activities and priorities, regarding preparedness and training, safety issues, grant funding priorities, and a variety of other topics. Each chief within his/her department participates with other department heads on each campus to plan and prioritize annual preparedness, safety, grant funding requests and priorities, and other emergency issues.

From these meetings, planning, training, and exercise direction come forward to guide our 23 campus system and individual campuses in funding, both grant and non-grant, for emergency preparedness, safety, medical, fire, and other issues. CSU will leverage resources at its 23 campuses to meet or exceed the 25% preparedness planning threshold.

### **25% Law Enforcement**

Law enforcement-oriented planning, organization, training, exercise, and equipment activities occur as outlined above as well as additional in-department activities and regional law enforcement planning activities. The CSU proposal exceeds the 25% law enforcement threshold.

# Special Needs Population Contact List

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