



County of Santa Clara Emergency Medical Services Agency

Memorandum

September 19, 2007

To: Santa Clara County EMS and Public Health Stakeholders

From: Bruce H. Lee
EMS Director

David Ghilarducci, MD
EMS Medical Director

Subject: New Hire Announcement – Joyce Chung, PhD, EMS Epidemiologist

The Santa Clara County EMS Agency is pleased to welcome Joyce Chung, PhD to our team. Joyce will have the working title of EMS Epidemiologist and is scheduled to start her new job on September 24, 2007. Joyce will report to Robbie Faford, RN, PHN within the Trauma and Clinical Programs Section of the Agency.

Joyce Chung comes to us from within the Santa Clara County Public Health Department, where she served as an Epidemiologist in Health Assessment and Quality improvement with a focus on injury, violence, mortality and childhood health status. In her previous positions she has compiled, analyzed, developed reports and presented her findings to multiple constituent groups dealing with the following programs:

- “DUI Court in Schools” prevention project
- Child Death Review
- Investigations of waterborne and foodborne outbreaks
- Health care for the homeless, including grant proposals and a needs assessment of the homeless population in San Jose
- Involved in an International study to determine the nutritional and genetic susceptibilities on the development of skin lesions due to ingestion of arsenic in drinking water
- Researched and developed a report on the measurement techniques used in clinical research of peripheral arterial disease
- Managed a community-based field study of occupational asthma in autobody workers.
- Nutritional intervention study, Carotene And Retinol Efficacy Trial (CARET), Yale University School of Medicine

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Further accomplishments include multiple publications and abstracts in epidemiological studies and research. The educational background that Joyce has achieved is very noteworthy as she completed her BS at UC Berkeley, MPH at Yale University, School of Medicine/School of Public Health and PhD in Epidemiology at UC Berkeley. In her new position, Joyce will be responsible for validation of data, report writing, writing and submitting grant proposals, database development and be the lead in ongoing data collection and management of the databases and surveillance systems. Preparation of epidemiologic reports based on data submitted from multiple sources will be required for presentation to a wide range of professionals, policy makers, and community planning groups, conferences and research meetings. Further, she will provide coordination, recommendation and technical assistance to the multiple stakeholders within the EMS System for development, analysis and implementation of innovative methods for epidemiological design of data projects, reports, publications and research.

Joyce will also enable the EMS Agency to maintain surveillance and develop reports using geographic data acquired through use of the mapping programs. The principles of epidemiological investigation, surveillance, data element standardization and accurate statistical analysis will provide the EMS Agency the ability to drive evidence based Prehospital management, oversight, research activities, EMS System Improvements, trauma related injury prevention activities and presentations to multiple stakeholders regarding the status of the EMS System.

Please join me in welcoming Joyce to our EMS system.