

Academic Criteria — University and Public Service (Thematic PR Draft)

A. University service.

Summary

I actively serve the University of California in various capacities. Because I have a particular interest in time management and organization systems, I provided leadership and service by advising colleagues on work organization and the writing of program review documents. This service was provided by my presentation at the South Region All Staff Conference (2008), mentoring assignments, and personal contacts with other advisors.

1. Committee service:

Member of UC Research Advisory Committees (RAC) for commodity groups. Conducted reviews of research proposals (California Strawberry Commission, 2007; California Celery Research Advisory Board, 2007 and 2008).

Vegetable Research and Information Center (VRIC) Steering Committee. 2007-2008.

UC Merit and Promotion Review Committee (including subcommittee for revising PR dossier format). Appointed by R. Standiford. 2008.

UC Search Committee for Farm Advisor, Imperial County. 2008.

UC Danris-X Improvement Committee. 2008-2009.

UC ANR ad hoc committee for review of academic staff. 2009.

Central Coast and South Region committee (Koike, Peterson, Swanson) for preparing abstract and poster on food safety research and extension in this region. Appointed by P. Mauk. Poster displayed at statewide UC ANR meeting (April 27-30, 2009).

UC ANR AAC Personnel Committee. Appointed from July 1, 2009 (term ends June 30, 2012). Subsequently named as chair-elect. Activities include attending and contributing to committee meetings, designing training materials, providing training to colleagues, providing leadership via policy discussions.

2. Leadership:

I was acting County Director during March 6-15, 2007, April 4-11, 2008, and January 12-15, 2009.

Invited speaker at Central Coast and South Region All Staff Conference. My presentation was given at Riverside on April 24, 2008. I spoke on “Increasing Advisor Efficiency” by drawing on my own personal study on organization and systems development. I prepared handouts and provided suggestions on streamlining advisor commitments, organizing the workload, improving time management, and writing Program Review dossiers.

Received phone calls and e-mails from Farm Advisors regarding organization ideas and preparation of Program Review dossiers. Provided advice to these colleagues in 2008 and 2009.

Appointed as mentor for newly appointed Farm Advisors (San Mateo County, 2008-2009; Monterey County, 2009-2010).

Providing advice and mentoring to other newly appointed Farm Advisors (Santa Barbara and Marin counties). 2009.

3. Miscellaneous services:

I participated in presentations and discussions regarding food safety during the President Dynes visit to the central coast. Moss Landing and Watsonville. March 23, 2007.

Acted as safety officer for UCCE Monterey County. 2007-2008.

Hosted (with Richard Smith) a vegetable crops class (PLS110C) from UC Davis. Presented lecture and handout materials. November 1, 2008.

I provided instructional materials (plant samples) to undergraduate and graduate classes in plant pathology, mycology, and biology at UC Davis. Class instructors: R. Bostock, B. Falk, R. Gilbertson, T. Gordon. 2007, 2008, and 2009.

Guest lecturer for Agroecology 133 class. Presented lecture and handout materials on downy mildew diseases of vegetables. UC Santa Cruz. June 30, 2009.

Hosted administrative and support staff from Departments of Plant Pathology and Nematology, UC Davis. Presented background information on UCCE county programs and Salinas Valley agriculture. Conducted field tour. September 29, 2009.

B. Public service.

Summary

I have an outstanding public service record that involves innovative service for a food safety program, teaching at community colleges, and other miscellaneous public service. My contributions provided services to the local public as well as to residents throughout the states of California and Arizona.

1. Hartnell College Food Safety Program

Introduction: For this period under review I have conducted an outstanding public service program in collaboration with the Hartnell Community College in Salinas. This public service activity has far ranging influence, involves the critical current issue of food safety, and shows my innovative approach to public service.

The Program: Because of the recent food safety issues involving leafy green vegetables, Hartnell College created a new educational program that offers workshops on food safety related topics. The College is also fashioning a new certificate program in food safety that requires completion of coursework. The target audience for this program is the general public, media members, agricultural industry workers (especially harvest personnel and postharvest handlers), and undergraduate students. Many of my agricultural clientele also participate. The Certificate program is particularly intended for students considering careers in agriculture or science.

Koike roles:

Member, by invitation from Hartnell College, of the Food Safety Advisory Committee (from 2007 to 2009): I am an active member of this group which designed, organized, and conducted three food safety workshops (two held in Salinas, one held in Yuma, Arizona). I advise the group regarding science-based information on food safety, microbiology, agricultural production, and food safety research.

Speaker, by invitation from Hartnell College, at the food safety workshops. I spoke at two workshops (in Salinas on April 17, 2008 and May 29, 2009) on the following topics: nature of microorganisms, biology of microorganisms, contamination factors involving bacteria, sanitation biology and management, field research on ecology of E. coli. On both dates I prepared Powerpoint presentations in both English and Spanish, and presented talks in both languages (a Hartnell Spanish translator edited my Powerpoint and assisted me during my Spanish presentation).

Member, by invitation from Hartnell College, of the Food Safety Curriculum Committee (from 2008 to 2009): I am an active member of this group which designed a new curriculum of classes for a certificate program in food safety, obtained approval for the program, and promoted this curriculum to the agricultural industry and local and regional community.

Advised on science and laboratory course development for Hartnell college (2008-2009): I advise the college on development of new science (agriculture, microbiology, food safety) programs for their new Agricultural Business & Technology Institute at new East Campus facility. I participated in the Math and Science Visioning Workshop (January 24, 2008) to develop programs in these subjects.

Impact and influence: My involvement in these programs helped ensure that the programs were based on sound science and current field research. These programs provided information and service to Monterey County, state of California, and state of Arizona residents; influence of this program therefore had a statewide impact and involved multiple states. These programs are new educational offerings that were devised in a timely manner to address the critical issue of food safety. This is the first food safety program at a college level in California.

2. Teaching for community colleges

Teaching and demonstrations: I provide extensive teaching and service to community colleges and local educational programs. I presented lectures, provided instructional materials, provided plant samples, and hosted tours for various community colleges. All lectures and demonstrations that I presented below were by invitation.

Introduction to plant diseases of vegetable crops. Hartnell Community College class: Pesticide applicator certification training (AGR-61). Salinas. March 20, 2007; April 3, 2008; March 26, 2009.

Plant disease principles. Hartnell Community College class: Vegetable crops production (AGR-96). Salinas. March 22, 2007.

Introduction to plant diseases. Monterey Peninsula Community College class: Introduction to insect and disease pest management. Monterey. March 29, 2007.

Diseases of trees and shrubs. Monterey Peninsula Community College class: Tree management/tree diseases. Monterey. November 8, 2007.

3. Miscellaneous public service

A. Advising public agencies:

I advised two Agricultural Commissioner offices (in Monterey and Santa Cruz counties) on technical matters such as regulatory plant pathology, fungicide use strategies, and disease outbreaks on crops. I assisted in analyzing samples for their phytosanitary seed permit program. 2007-2009.

I advised the City of Salinas Parks-Recreation Department on landscape and tree problems. I informed the City of Salinas on research advances involving serious diseases such as pine pitch canker and sudden oak death. I provided lab services for the diagnosing of plant problems. 2007-2009.

B. Providing information to the general public:

Invited speaker at Steinbeck Rotary. Presented a perspective on food safety and leafy vegetables. Salinas. March 7, 2007.

Provided interview for National Public Radio on food safety and California vegetable industry. Aired April 2007.

Guest speaker for Food safety class for Focus Agriculture Program (Class XVIII). Spoke on research information needs for E. coli and leafy vegetable commodities. Santa Cruz County. April 19, 2007.

Guest speaker for Monterey County Agricultural Education program AgKnowledge. Spoke on Technology and Food Safety in Agriculture. Salinas. September 7, 2007.

I provided diagnostic laboratory services and advice to the general public in Monterey, Santa Cruz, and San Benito counties on the growing of plants and control of diseases. 2007-2009.

Provided plant disease diagnosis and management information and advice to out-of-state growers and home owners from the following states: Arizona, Colorado, Michigan, New York, Oregon.

C. Teaching and providing guidance for high school level programs:

Assisted students in science fair projects (3 students in 2007; 1 student in 2008).

Invited speaker, Monterey County Agricultural Education program on Careers in Agriculture. Hosted high school class from King City. Salinas. November 29, 2007.

Hosted joint high school/junior high school class (home school program). Presented lecture and supervised a lab practical on science and experimentation. Salinas. December 14, 2007.

D. Other:

Hosting researchers and guests: researcher from a Netherlands seed company, October 25, 2007; four agriculturalists from Hawaii, August 15, 2008; three researchers from University of Arkansas, September 29, 2008.

Served on selection committee for hiring a Monterey County field assistant. 2008.