

**ROSE Y. TSENG, Ph.D.**

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**EDUCATION**

- 1960-1962 Majors, Architectural Engineering and Chemistry, National Cheng Kung University, Taiwan, Republic of China  
1964 B.S., Chemistry, Kansas State University  
1966 M.S., Nutritional Sciences, University of California, Berkeley  
1968 Ph.D., Nutritional Sciences, Minors: Biochemistry and Physiology, University of California, Berkeley  
1968-1969 Post Doctoral Research Fellow, University of California, Berkeley

**CERTIFICATES**

- 1997 Institute of Education Management Certificate, Harvard University, Cambridge, Massachusetts  
1991 Fellow Program, Collaborate Leadership Training, American Leadership Forum

**ADMINISTRATIVE EXPERIENCE**

- 2010-present Chancellor Emerita and Professor, University of Hawai'i at Hilo.  
1998-2010 Chancellor, University of Hawai'i at Hilo.  
2001-2002 Senior Advisor to UH System President, Technology and Distance Learning

First woman chancellor at UH Hilo. UH Hilo is regional campus within 10-campus statewide system, and serves students from state of Hawai'i, continental United States, and Asia/Pacific region. Located on the Big Island of Hawai'i. Accredited by the Western Association of Schools and Colleges.

Major accomplishments include transforming UH Hilo from a small liberal arts campus to comprehensive university with new undergraduate, graduate and doctoral programs; 43 percent increase in enrollment; 600 percent increase in grant funding; and addition of first new classroom, laboratory and student life buildings in over 20 years. Initiated and developed extensive partnerships between university and public/private sectors for benefit of region, turning UH Hilo into an economic engine of the island with total impact exceeding \$240.4 million and 4,000 new jobs generated.

In 2001, initiated bringing National Science Foundation's Experimental Program to Stimulate Competitive Research (EPSCoR) to Hawai'i to boost research competitiveness and workforce development in scientific fields throughout the state. Served as principle investigator of Hawai'i EPSCoR planning grant. Served first as chair and now as co-chair of Hawai'i EPSCoR State Committee that oversees and provides direction for statewide program. This program has generated over \$40 million in research projects in the state.

Serves as principal investigator of three federally funded programs to increase numbers of Native Hawaiians and others studying science and related subjects, including \$2.5 million Science, Technology, Engineering, and Math (STEM) grant, \$4 million Research Infrastructure in Minority Institutions (RIMI) grant, and \$1.75 million Louis Stokes Alliances for Minority Participation (LSAMP) Islands of Opportunity Alliance grant.

Expanded UH Hilo's University Park of Science and Technology. Spearheaded development and secured monies for \$28 million NASA-funded 'Imiloa Astronomy Center of Hawai'i, which integrates indigenous culture and modern science in exhibits and super advanced 3-D planetarium. Collaborated with federal and local agencies to develop U.S.D.A. Pacific Basin Agricultural Research Center, and U.S.D.A. Institute of Pacific Islands Forestry. Developed marketing strategy for park, which also houses Smithsonian Astrophysical Observatory base facilities and several other international observatory bases. In 2009, facilitated talks and community outreach efforts between diverse and often controversial interests to secure the designation of Mauna Kea as the preferred site of the Thirty Meter Telescope (TMT).

Implemented UH Hilo's 1997-2007 Strategic Plan, then headed planning and implementation of new 2002-2010 Strategic Plan and Strategic Initiatives. Led successful WASC capacity review. Secured CIP funding for two new classroom buildings (\$3M marine science building completed 2001 and \$19M three-story classroom/office building completed 2002), student life center (completed 2008), and science and technology building (groundbreaking 2008, to be completed 2010).

Established collaborative management of UH Hilo's University Congress and College Senates resulting in collaborative environment; completely restructured grant operations and encouraged faculty to pursue external funding resulting in 600 percent increase of funds; increased state resident enrollment; developed international affairs and marketing programs; improved quality of incoming students; and established new development program with significant results.

Expanded academic outreach to communities, K-12 students, community colleges, and colleges on continental U.S. mainland and overseas; developed

selected distance learning degrees at UH community colleges and throughout the continental U.S. and Europe.

Established student exchange programs with foreign universities and speaker visitation programs with high technology leaders from Silicon Valley, China, and Taiwan. Headed initial phase of UH system strategic plan on technology and distance learning.

Established several community-based initiatives including Chancellor's Advisory Board with key community and business leaders; collaborative relations with chambers of commerce and other community organizations; the Hawai'i Innovation Center, which is a business incubator in downtown Hilo; the Pacific Aquaculture and Coastal Resources Center, which conducts international research and development projects; and the state-funded North Hawai'i Education and Research Center located 45 miles north of UH Hilo's main campus.

Established the Office of Mauna Kea Management, the Mauna Kea Management Board, and the Kahu Ku Mauna Council to manage the Mauna Kea Science Reserve (housing several world-class astronomical observatories) in a collaborative effort to develop cultural, educational, environmental and scientific resources.

In 2010, established \$100K Rose and Raymond Tseng Distinguished Lectureship at UH Hilo to fund visits by leaders from various sectors such as international women's leadership, science and culture, indigenous culture and languages, with possible focus on affecting lectures from abroad to stimulate international linkages.

1993-1998      Chancellor/CEO, West Valley-Mission Community College District.

District included Mission College and West Valley College totaling 24,000 students; 1,200 faculty; five bargaining units; and two academic senates. Operating budget of \$100 million.

Major accomplishments include strengthening district's finances and infrastructure, reversing downward trend in student enrollment, and promoting aggressive grant writing program. Collaborated with industry, government, and community to promote workforce development, including partnerships with over 40 high technology companies such as Cisco, Applied Materials, Apple, Silicon Graphics, IBM, and Intel. Developed and strengthened numerous corporate training programs by giving on-site contract courses to business and establishing Silicon Valley Small Business Development Center. Established Economic Development Institute to consolidate community education, grants, development, advancement, and vocational educational departments of two colleges under one collaborative organization to better serve community.

Established district-wide strategic planning process in which faculty, staff, students and the general public participated; established district-wide vision and common goals. Implemented Strategic Plan. Hired and supervised presidents of Mission College and West Valley College and executive director of Economic Development Institute. Developed resources and programs for two-college district. Responsible for contract negotiations with five unions, including salary and benefits.

Reversed district deficit by spearheading district-wide effort to reorganize functions, saved \$5 million. Reversed downward trend in student enrollment from -10% to +5% (total increase 15%). Promoted aggressive grant writing program resulting in 100% increase in funds from federal, state, and private sectors, e.g., Small Business Development Center grant from California Trade and Commerce (\$300K); National Science Foundation (\$800K); Packard Foundation (\$99K); Pacific Bell Education First Grant; and Video Conferencing Grant.

Established partnerships with K-12 schools and industry, such as the Pacific Technological Education Center Consortium, the Telnet Distance Learning Partnership, and the Valley Foundation. Established Advancement Foundation, worked with community leaders and alumni, significantly increased donations.

Developed and ran land management corporation, which leased out 110 acres of surplus district land for high technology and other business development; benefits to district included annual revenues of \$4 million, plus internships, scholarships, lab equipment, and donations.

1987-1993 Dean and Professor, College of Applied Sciences and Arts, San Jose State University.

Managed overall college curriculum and resources including 12 departments, 5,700 majors, 300 faculty, 18 bachelor and 10 master programs. Developed extensive community support for student internships.

Headed long range planning for each department in the college. Obtained funding for recruitment and retention of minority students, e.g., Multicultural Health Promotion grant and Health Career Opportunities grant from U.S. Health and Human Services and Bureau of Health Professions. Initiated Multicultural Educational Enhancement Task Force in the college; increased retention by recognizing multicultural accomplishments.

Initiated and developed interdisciplinary programs across departments and colleges. Encouraged and supported development of Community Based Health Center for Nursing and other health programs, e.g., an interdisciplinary Health Professions Grant for Elderly by Valley Foundation. Encouraged and supported the development of internships for all departments in college, with over 300 internship sites including correction agencies, newspapers, and hospitals.

Significantly increased number of grants. Encouraged the development of competency-based education and assessment tools resulting in an Assessment Guide for all 12 departments in the college.

1984-1987 Associate Dean and Professor, Curriculum, Resource Management, and Research and Development, School of Applied Sciences and Arts, San Jose State University.

Led college curriculum committee; stimulated new or modified existing curricular offerings; encouraged creative research ideas; sponsored faculty colloquia; conducted long-range planning for faculty, computer, space, and other resource needs. Appointed by president as member of Board of General Studies to develop general education programs for the entire university.

1983-1987 Director and Professor, Division of Health Professions, San Jose State University.

Coordinated development of Health Professions interdisciplinary baccalaureate minor program with faculty from six departments, and Health Professions interdisciplinary courses with two of three courses qualifying for general education for the university.

### **ACADEMIC EXPERIENCE**

1979-1984 Chair and Professor, Nutrition and Food Science Department, San Jose State University. Successfully coordinated development and accreditation of BS and MS degree programs; collaborated with Stanford Hospital and other agencies to develop internship and master practicum programs.

1982 Visiting Professor, Nutrition and Food Science Department, Fu Jen University, Taipei, Taiwan, Republic of China. Initiated and completed several cross-cultural research studies in addition to teaching and communication; served as consultant for curriculum development, assessment, and computer technology.

1973-1979 Assistant Professor, Coordinator, and Associate Professor, Dietetic Program, San Jose State University. Coordinated curriculum revision and new course development. Built and coordinated community partnerships and outreach. Developed six new courses. Taught 13 undergraduate and graduate courses in nutrition, metabolism, chemistry, and research methodology, among others. Major thesis advisor for 40 MS students. Served on 50 other graduate student thesis committees.

1971-1973 Chemistry Instructor, Physical Sciences Department, San Jose City College.

1969 Post Graduate Research Nutritionist III, Nutritional Science Department, University of California, Berkeley.

1964-1968 Graduate Research and Teaching Assistant, Nutritional Science Department, University of California, Berkeley.

### **PROFESSIONAL SERVICE**

1986-1993 Principal Consultant, Nutrition Manpower Development Projectô China, Food and Agriculture Organization (FAO), United Nations. Led group of foreign experts for six trips to visit government agencies. 1987-1993, developed bachelor and master programs and gave lectures at Chinese university.

1991 Fairness Consultant, The American College Testing Program Reviewer, ACT Testing for Verbal, Math and Science.

1985 Consultant, Infant Nutrition Research, US Pharmaceutical and Nutrition Group, Mead Johnson, a Division of Bristol Myers Corporation.

1982-1986 Nutrition Consultant, Chinese Food Science Society, Beijing, China; Curriculum Consultant, Chinese Academy of Science, Beijing, China; Curriculum Development Consultant, four universities in Taiwan.

1978-1984 Consultant, Nutrition Education Projects, San Jose Unified School District (K-12) and Alum Rock School District.

1985 Consultant, Worksite Cancer Prevention Education Program, American Cancer Society.

### **COMMISSIONS, TASK FORCES, AND BOARDS**

2008-2011 Vice Chair, Steering Committee, Millennium Leadership Initiative, American Association of State Colleges and Universities (AASCU).

2008-2011 Nominating Committee, American Association of State Colleges and Universities (AASCU).

2007-2009 Member, Organizing Committee for the 4<sup>th</sup> World Women University Presidents 2009 Forum, Communication University of China, Beijing.

2007-2012 Commissioner, Education Commission of the States (ECS), representing state of Hawai-i, appointed by Hawai-i Governor Linda Lingle.

2006-2010 Hawai-i State Representative, Council of State Representatives, American Association of State Colleges and Universities (AASCU).

2006-2007 Board of Directors, American Association of State Colleges and Universities (AASCU).

- 2005 Member of Hawai'i Governor's Economic Momentum Commission Task Force. Chair of Private-Public Partnerships for Education Subcommittee, Member of Workforce Development and Education Improvements Subcommittee.
- 2004-Present Network Executive Board, Office of Women in Higher Education, American Council on Education (ACE).
- 2004-2007 Commission on Leadership and Institutional Effectiveness, American Council on Education (ACE).
- 2003-2007 Presidents Council, National Collegiate Athletic Association (NCAA) Division II.
- 2004-2005 Education Advisory Committee, National Aeronautics and Space Administration (NASA).
- 2000-2002 Board of Directors (elected), American Association of State Colleges and Universities (AASCU).
- 1999-2003 Advisory Board Member, University Connections, a nonprofit group, UH System with business leaders.
- 1997-2000 Member of the Test of English as a Foreign Language (TOEFL) Policy Council, Education Testing Service (ETS); Chair of TOEFL Outreach and Services Committees.
- 1996-1998 Chair of the National Science Foundation's Northwest Center for Sustainable Resources National Visiting Committee (NCSR), one of five regional centers in Oregon funded by NSF; evaluated the program in the Ecological Management Geographic Information System/Natural Resources/Wildlife and Forestry.
- 1996-2000 American Council on Education (ACE) Commission on Minorities in Higher Education.
- 1995-1998 Santa Clara County/Hsin Chu Sister Santa Clara County Commission.
- 1994-1998 Member of California Governor's School-to-Career Task Force. Appointed by the Governor as sole higher education representative with mandate to make recommendations to the Governor on policies, priorities, and a framework to establish a new school-to-career opportunity system in California to work with K-12 and businesses.
- 1993-1998 American Institutes for Research Community Task Force. Invitation by Dr. John Gardner; developed comprehensive assignment survey instrument for community building (West Valley-Mission CCD received free survey as a result).

- 1992-1996 California Health Care Industry Council (affiliated with California Business Roundtable). Worked with Health Care CEO and Education Institute CEOs to plan Health Care Workforce for the future.
- 1992-1993 The Dietetics Education Task Force, jointly funded by the Board of Directors, Commission on Dietetic Registration (CDR) and the Council of Education (COE).
- 1991-1996 Member, Beyond Workforce 2000, Executive Planning Committee, California Department of Education and California Office of Statewide Health Planning and Development.
- 1991-1993 Executive Committee, National Institute on Disability and Rehabilitation Research (NIDRR).
- 1991-1993 Urban City University Task Force, San Jose, CA.
- 1991-1993 Member, Pew Health Advisory Committee, Advisory Panel for Allied Health, Pew Charitable Trust Foundation. Discussed health care challenges and issued a public document on health care trends, movement toward community-based care, geriatrics, primary health care.
- 1988-1993 Board of Directors, San Jose State University Alumni Association.
- 1985-1986 Advisory Board for Health Risk Reduction Community Project for Hispanic Population for Santa Clara and San Mateo Counties.
- 1984-1986 U.S. Department of Health and Human Services forum on issues and strategies relevant to health professions, education for minority and other disadvantages individuals.

### **ACCREDITATION AND CURRICULUM**

- 2001-2005 Elected Commissioner, Senior College Accrediting Commission, Western Association of Schools and Colleges (WASC).
- 1989-1994 Accreditation Evaluator, Western States Universities and Colleges. Four-year colleges: CSU Los Angeles, 1989; University of Hawai'i, 1990; San Francisco State University, March 1992. Two-year college: Sierra College, 1994. Areas: Assessment, General Education, and Faculty Development and Governance.
- 1989-1990 Evaluator, California Private Post-Secondary Schools, California State Department of Education.
- 1985-1991 Curriculum Planning Committee for Pre-Health Professions for San Jose High School Magnet Program, 1985; and Magnet Program for Aviation for San Jose Unified School District, 1991.

1983-1993 Provide leadership for professional accreditation for 10 programs, including nursing, occupational therapy, journalism, advertising, aviation, distance technology, public health, dietetic, food service and technology, and recreation.

### **COMMUNITY BOARDS AND ORGANIZATIONS**

2010-present Board of Directors, Sopogy, Inc., Honolulu.

1999-2009 Board of Trustees, Lyman Museum, Hilo.

1998-2007 Board of Directors, Hawai'i Island Chamber of Commerce, Hilo.

1998-Present Ex Officio, Hawai'i Island Economic Development Board, Hilo.

2000-2002 Director, Japanese Chamber of Commerce & Industry of Hawai'i, Hilo.

2000-2003 Board of Directors, Oceanic Institute, Waimanalo, O'ahu, Hawai'i.

1996-1998 Advisory Board, Santa Clara County United Way, CA.

1995-1998 Board of Directors, Silicon Valley Defense Space Consortium (formally Global Trading Center). Improve trade for valley companies through global connections.

1994-1998 Co-Chair, Board of Directors, and Executive Board, Workforce Silicon Valley. Education, labor, and company CEOs discuss education and training programs to build a workforce for 110 San Jose manufacturing companies. Board members include county superintendent of schools, Private Industry Council members, executive directors, and business leaders. Received \$1.5M from US Department of Labor.

1994-1998 Board of Directors, The Tech Museum of Innovation, Silicon Valley. Board comprised of high-tech CEOs. Board raised \$26M and built a top-notch High Tech Museum, including a resource and training center for educators called the Robert N. Noyce Center for Learning.

1993-1998 Member, Joint Venture Silicon Valley 21st Century Education Initiative, "Challenge 2000." Addressed K-12 education reform to enable students in Silicon Valley to be successful, productive citizens in the 21<sup>st</sup> century. Challenge 2000 reached more than 36,000 students at 55 schools and 12 school districts. Members included CEOs of Hewlett-Packard, Silicon Graphics, and the President of Santa Clara University. Initiative encouraged discussion between education and business execs about applying venture capital model to different contexts. Raised \$20M to improve K-12 education.

1993-1995 Foundation Member, Santa Clara County Regional Occupational Agency.

- 1992-1998 Member, San Jose Downtown Rotary.
- 1991-1996 Board of Directors, World Forum of Silicon Valley.
- 1991-Present Board of Directors, 1991-1992; ALF Fellow, Class III, 1991-1992; Senior Fellow, 1993-Present. (Selected as one of the 20 Class III members from among 400 nominations.) American Leadership Forum, Silicon Valley Chapter, a nonprofit organization bringing together senior level leaders from across sectors to build philanthropy, service, and community in Silicon Valley. John Gardner as founding chair.
- 1990-1998 Board of Directors, South Bay Charity Cultural Services Center.
- 1988-1993 Member, San Jose State Academy Senate. Received Senate Contribution Award.
- 1987-1995 Board of Directors, Asian American for Community Involvement (AACI).
- 1987-1994 Chair of the Board of Directors, Health Education and Training Center, San Jose.
- 1978-1993 Board of Trustees, San Jose Studies.

### **AWARDS AND HONORS**

- 2011 Honolulu Leadership Award, Hawaii Institute for Public Affairs, Honolulu, Hawai'i.
- 2010 Honorary Doctor of Letters Degree, Josai International University, Japan.
- 2010 Grand Marshal, Merrie Monarch Hula Festival Parade, Hilo, Hawai'i.
- 2004 Honorary Professor Award, China Medical University.
- 2004 Woman of Distinction, Girls Scout Council of Hawai'i
- 2003 Athena Award for East Hawai'i, Hawai'i Island Chamber of Commerce, Hilo.
- 2003 Outstanding Woman in the Community, Zonta Club of Hilo.
- 2002 Outstanding Alumni of the Year, National Cheng Kung University, Taiwan.
- 2001 Island Business Model, honored as role model by Hawai'i State Legislature.
- 2001 Honorary Doctor of Education Degree, International Technological University, Santa Clara, CA.
- 1998 Statewide Role Model Woman of the Year, California State Legislature
- 1998 Achievement Award, Association of Allied Health Professions.
- 1997 Bay Area Top 50 Women in Management, San Jose and Silicon Valley Business Journal.
- 1997 Outstanding Overseas Alumni Award, National Cheng Kung University.
- 1995 Woman of the Year Award for District 13, California State Senate, Women Legislators Caucus.
- 1994 Women of Achievement Award, Women's Fund.
- 1993 A Tribute to Rose Tseng, San Jose State University.

- 1993 White House Commendation, Washington, DC; Santa Clara County Board of Supervisors Resolution; US House of Representatives Resolution.
- 1993 Emmett Ashford Community Spirit Award.
- 1991 Tribute to Women in Industry (TWIN) Award, YWCA.
- 1990 Cultural Pluralism Award, American Society of Allied Health Professions, for Furthering the Principle of Cultural Pluralism in an Academic Setting.
- 1990 Distinguishing Academic Achievement Award, San Jose State University, Honor Society of Phi Kappa Phi.
- 1988 Outstanding Publication Award, Journal of American Society of Allied Health Professions.
- 1988 Outstanding Contributions, Santa Clara County Interagency Nutrition Council.
- 1987 Achievement Award, Chinese American Food Science Society.
- 1987 Recognition Award, San Jose Peninsula District Dietetic Association.
- 1984 Faculty Meritorious Award, San Jose State University.
- 1979 Who's Who in the West, 17th Edition.
- 1979 Outstanding Young Women in America.
- 1977-1978 Most Inspirational Nutrition and Home Economics Professor Award, San Jose State University.

**PERSONAL PROFILE**

- Language Skills Chinese (Mandarin): reading/writing/speaking.
- Travel Experience Lived in China, Taiwan, and Ethiopia. Seasoned traveler throughout United States, Europe, and Asia.
- Interests Music, skiing, swimming, reading.
- Background U.S. citizen. Current resident of Hawaii-ı 12 years, previously in California 34 years. Married to Ray Tseng, Ph.D., two grown children.

**SELECTED PRESENTATIONS (SINCE 1981)**

- Leading in a Global Community,• Executive Leadership Academy, San Antonio, TX, March 2011.
- Leadership for Diversity and Change in Higher Education Institutions,• ACE Fellows Program 2011 Mid-Year Retreat, Long Beach, CA, January 2011.
- Leadership in Higher Education: Women are Born Leaders for the 21<sup>st</sup> Century,• UH Commission on the Status of Women, Honolulu, February 2010.
- Person to Person Communication on Mauna Kea Issue in Hawaii,• Communication University of China, Beijing, September 2009.
- Face-to-Face Communication in a High-Tech World,• Communication University of China, Beijing, September 2009.

•Five Keys to Success: What Every Future Leader Needs to Know,• Communication University of China, Beijing, September 2009.

•Path to Success for University Leaders: Vision, Teamwork, and Resources,• World Women University Presidents Forum, Beijing, China, September 2009.

•Higher Education Effect on Local Economies,• Lanzhou Commercial College, Lanzhou, September 2009.

•Leadership in Higher Education: Women are Born Leaders for the 21<sup>st</sup> Century,• Women Leaders in Higher Education, American Council on Education, Honolulu, Hawai-ï, March 2009.

•Preparing Students and the Community for the Global Society,• Rotary Club of Hilo, Hawai-ï, February 2009.

•Higher Education's Role in Addressing Women and Aging,• Organizing Committee for the 4th World Women University Presidents Forum in 2009, Japan, June 2008.

•State Universities' Role in Regional Prosperity: The View from UH Hilo,• Association to Advance Collegiate Schools of Business International Conference & Annual Meeting, Honolulu, Hawai-ï, April 2008.

•Education/Research at UH Hilo: Integrating Culture, Science and Technology,• Education and Human Resources Committee, National Science Board, Arlington, Virginia, March 2008.

•Research at UH Hilo: Successes, Aspirations, Opportunities and Challenges,• National Science Board, Arlington, Virginia, March 2008.

•What We Bring to the Game: Collaboration, Innovation and Entrepreneurship,• ACE Nevada Statewide Conference, Nevada, Sept 2007.

•Women Working with Women: Collaboration, Innovation and Entrepreneurship,• Northern California ACE Network Conference, San Francisco, California, May 2007

•Integrating Culture, Science and Technology: A New Paradigm in Education,• Hawai-ï Science and Technology Council, Honolulu, Hawai-ï, March 2007.

•Integrating Culture, Science and Technology to Prepare Hawai-ï for the Future,• Third International Forum of Women Presidents in Higher Education, Beijing, China, August 2006.

•Entrepreneurial Leadership,• with Claire Van Ummersen, Campus of the Future, Annual Conference, Honolulu, Hawai-ï, July 2006.

•Leadership Journey,• American Council of Education, Office of Women in Higher Education, Hilo Chapter, Hilo, Hawai-ï, February 2006.

•An Overview of UH Hilo: Partnerships with the Community,• Rotary Club of Kapolei, Hawai-i, April 2005.

•Linkages with the Community and the Environment,• 2<sup>nd</sup> International Forum of Female Presidents of Universities, Beijing, China, September 2004.

•Higher Education and Community Involvement,• Communications University of Beijing, China, July 2004.

Commencement Address, Ming Hsin University of Science and Technology, Taiwan, June 2004.

•Leaders and Leadership,• Ming Hsin University of Science and Technology, Taiwan, June 2004.

•Linkages with Civic and Corporate Leaders,• American Council on Education, Annual Meeting, Miami Beach, Florida, February 2004.

•Academia and Administration: A Women's Style, Myths or Facts,• American Council on Education Hawai-i State Network, Honolulu, Hawai-i, September 2003.

•Using Cultural Strengths to Lead in the Changing World: A Personal Perspective,• American Association of State Colleges and Universities, Millennium Leadership Initiative Conference, Washington, D.C., June 2003.

•An Overview of UH Hilo: Growing Partnerships to Strengthen Our Economy,• Rotary Club of South Hilo, Hilo, Hawai-i, April 2003.

•Strengthening Our Place in the Academy: A Summit for Women Administrators and Faculty of Color,• American Council on Education, Emeryville, California, February 2003.

•An Overview of UH Hilo: Information to Stimulate Growing Partnerships for the Betterment of our Community,• Hawai-i Island Economic Development Board, Hilo, Hawai-i, October 2002.

•A University's Role in Technology Development for Island Conditions,• Association of Chinese Scholars in Hawai-i, Annual Conference, East-West Center, University of Hawai-i at Manoa, June 2002.

•The University in Partnership with the Community,• Japanese Chamber of Commerce and Industry in Hawai-i, Annual Officer Installation Banquet, Hilo, Hawai-i, June 2002.

•Asian-American Cultural Strengths as a Model for Progressive Educational and Economic Development in the Age of Globalization,• Chinese American Economic and Technology Development Association, Foster City, California, June 2002.

õEmbracing the Best of Both Worlds: Promoting a Knowledge Economy and a Healthy Community,ö Community Health Conference, sponsored by Five Mountains Hawai-i, Kamuela, Hawai-i, March 2002.

õHigher Education for a Global Economyö and õFund Development,ö Forum Panelist, 40th Anniversary Celebration of Fu Jen University (Strategies to Become an Outstanding University in the 21st Century), which included 150 university chancellors and presidents from around the world, Fu Jen University, Taiwan, December 2001.

õNational Trends and Future Challenges of Distance Learning,ö Chair and Keynote Speaker of Distance Learning Leadership Workshop, 110 statewide participants, Honolulu, Hawai-i, November 2001.

Commencement Address, Chung Yuan University (13,000 students, bachelor, master and doctoral degrees conferred), Taiwan, June 2001.

õChina in Transition: How to Succeed through Partnerships and Other Strategic Alliances,ö Seminar Panelist, Department of Business, Economic Development and Tourism, Business Development and Marketing Division, State of Hawai-i; East-West Center, Honolulu, Hawai-i, May 2001.

õBig Island Education's Role in the New Economy,ö Hawaii Technological Association, Waikoloa, Hawai-i, July 2000.

õWhat Should Universities Be Doing to Prepare Students for the New Millennium?ö Keynote Speaker, Hawai-i Association of Independent Colleges and Universities, Hawai-i Pacific University-Hawai-i Loa Campus, Kaneohe, Hawai-i, May 2000.

õLinks Among Technology, Education and Global Economy,ö Merrill Lynch Women's Conference, Hilo Hawai-i, April 2000.

õAgainst All Odds: Meeting the Challenges,ö National Association of Asian and Pacific Americans Education (NAAPAE) 22nd Annual Conference, Kona, Hawai-i, April 2000.

õHawai-i's Business Climate: A Piece of Unpolished Jade,ö Small Business 2000, 24th Annual Small Business Hawai-i Conference, Honolulu Hawai-i, January 2000.

õModels for Rapid Response to Emerging Workforce Needs,ö Western Interstate Commission for Higher Education (WICHE) Roundtable, Honolulu, Hawai-i, January 2000.

õLessons from Silicon Valley: Education, Research, Commercialization and Investment,ö Private Equality Alternatives Summit, Honolulu, Hawai-i, October 1999.

õUH Hilo: Happenings and Highlights,ö Kanoiehua Industrial Area Association, Inc., Hilo Hawai-i, June 1999.

Commencement Speaker, Chung Yuan Christian University, Taiwan, June 1999.

- UH Hilo: Happenings and Highlights,• Waiakea Lions Club, Hilo, Hawai-i, March 1999.
- Challenges for the 21<sup>st</sup> Century,• Associate Chinese University Women, Honolulu, Hawai-i, March 1999.
- UH Hilo and Plans for the Future,• Portuguese Chamber of Commerce, Hilo, Hawai-i, February 1999.
- Challenges in Education in a Rapidly Changing Technological and Global Society,• Hawai-i Senior Institute, University of Hawai-i at Hilo, Hilo, Hawai-i, January 1999.
- Challenges in Education and Future of UH Hilo in the 21<sup>st</sup> Century,• American Association of University Women, Hilo, Hawai-i, January 1999.
- Challenges in Education,• American Council on Education, Women in Higher Education Administration, Hilo, Hawai-i, January 1999.
- Sino-America 21<sup>st</sup> Century,• Education, Technology and Distance Learning Conference, China (Nanjing, Shanghai, Suzhou), December 1998.
- Gateway to the World• the Catalyst for Global Interchange,• Big Island Press Club, Hilo, Hawai-i, October 1998.
- Education and Economy in Hilo and Growth at UH Hilo,• •New Happenings and Future Plans at UH Hilo,• •Working Together,• various Rotary Clubs of Hilo, Hawai-i, August 1998-August 1999.
- Asian American Role Models,• Committee of 100, Santa Clara, California, June 1998.
- Major Issues, Challenges, and Opportunities From the Community College Perspective on Welfare Reform,• David and Lucille Packard Foundation, Palo Alto, California, May 1998.
- Can We Talk?: Strategic Conversations to Improve Communication Between the Board and College Constituencies,• National Institute for Staff & Organizational Development (NISOD), Austin, Texas, May 1998.
- Importance of International Education,• Institute of International Education, San Francisco, California, May 1998.
- The Importance of Distance Learning and International Education,• California Consortium for Distance Learning, Fremont, California, May 1998.
- Business Education Partnerships,• Monte Jade Science and Technology Association (founded by US-Taiwan High Tech CEOs for building partnership), Santa Clara, California, March 1998.

“Against All Odds,” (as one of four role model recipients for the state), California State Legislature, Sacramento, California, March 1998.

“Challenge of American Education,” International Conference of Engineering Educators, Chicago, Illinois, August 1997.

Annual Deans’ Memorial Lecture, Association of Schools of Allied Health Professions, San Diego, California, February 1997.

“Politics in Leadership,” American Council of Education/ National Identification Program, Santa Cruz, California, February 1997.

“Our Choices Create Our Future,” Keynote Speaker at the Fourth Annual Conference of the Chinese American Educational Research and Development Association (CAERDA), San Jose, California, September 1996.

“Improving the Administrative Pipeline,” Asian-Pacific Americans in Higher Education Conference, San Francisco, California, June 1996.

“Developing a Culture of Community for Colleges in the 1990s,” “Management and Labor Working Together: A Model for the Future,” “The Trustee’s Role in Building Community Partnerships and Cooperation,” and “Confronting a \$5.7 Million Budget Cut with a Future Focus,” Leadership 2000: A Conference On Leadership Development in Community Colleges, the League for Innovation, San Francisco, California, July 1995.

“Institutionalizing Multi-Cultural Curricula and Incorporating it Into the Central Culture of the College,” American Association of Community Colleges Conference, Minneapolis, Minnesota, April 1995.

“Unity in Diversity,” Keynote Speaker, Faculty Diversity Internship Program, Teaching Opportunities Symposium, Peralta Community College District, California, March 1995.

“Technology in Higher Education,” Western Partnership for Environmental Technology Education, San Jose, California, February 1995.

“The Role of Community Colleges in the Community,” Rotary Club, San Jose, California, May 1994.

“The Community College and Senior Citizens,” Saratoga Area Senior Coordination Council, California, May 1994.

“The Importance of Transfer, Articulation & Collaboration Between Community Colleges & Universities: Domestic & International Perspectives,” “Community College Organizational Perspectives,” and “Environmental Technology, Nursing & Public Health Programs in US Community Colleges and Universities,” The Global Community College and Universities

Consortium, El College Universitario en Argentina, Buenos Aires, Argentina, representing higher education in California, April 1994.

•Role of Women in Leadership,• Leadership Skills Seminar in Asilomar, January 1994.

•Issues Colloquium: Employee/Student Issues,• Beyond Workforce 2000: Health Careers Partnerships, a Health Careers Education and Health Care Industry Partnership Symposium, March 1992.

•Asian Americans in Higher Education,• Asian-American Leadership Training Institute, Asian Business League and Chinese Chamber of Commerce, California, January 1992.

•Infusing Health Promotion into University Curricula and Student Services,• Annual Meeting of the American Society of Allied Health Professions (ASAHP), Lexington, Kentucky, November 1991.

•Review of National Health Policies for Taiwan as Compared to the US,• discussant, Sino American Conference on Social Welfare, Taichung, Taiwan, July 1990.

•Chinese School and its Significance,• Keynote Speaker, San Jose Chinese School Annual Banquet, California, March 1990.

•Higher Education,• Chinese Institute of Engineering, Bay Area Chapter, February 1990.

•Review of Effects of Technology and Consumer Knowledge on Nutrition Status and Food Habits of US Consumers,• New York, June 1987; Beijing, July 1988.

•Health Promotion,• Western Deans in Health and Human Service Conference, San Francisco, California, January 1987.

•Curriculum Development: Health Promotion/Disease/Prevention,• American Society of Allied Health Professions Conference, Pittsburg, Pennsylvania, November 1996.

•Consultative Services: Developing Workshops for Multi-Cultural Sensitivity,• Implementing Health Promotion/Disease Prevention in Education and Practice Workshop, Dallas, Texas, November 1985.

•Implications of Higher Education for Chinese Americans,• Keynote Speaker, Chinese American Economic and Technology Development Association, San Francisco, California, May 1985.

•Nutrition and Cancer,• American Cancer Society, San Jose, CA, October 1984, and to Chinese Nutrition Society, Beijing, 1988.

•Educating Health Professionals to Meet a Changing Demography: A Comprehensive Interdisciplinary Training System,• Sixth Annual Conference on Interdisciplinary Health Care, Hartford, Connecticut, September 1984.

•Relationship of Demographic Data and Food Habits of Chinese Children in Taipei• and •A Comparison of Nutritional Intake Between Taipei and California School Children,• International Congress of Dietetics, Toronto, Canada, July 1984.

•Multiculture/Multidisciplinary Health Promotion,• Health Promotion/Disease Prevention Impact in Health Professions Workshop, Maryland, February 1984.

•Chinese Women in America,• Chinese American Engineering Society, San Francisco, California, January 1984.

•Food Programs in the US,• Nutrition and Food Science Society, Fu Jen University, January 1983.

•Community Nutrition and School Lunch Programs,• National Normal University, Taiwan, January 1983.

•Nutritional Rating of Food Utilizing the Nutrient Density Concept,• International Symposium in Advanced Nutrition, December 1982.

•Nutrient Density Concept and Application,• Chinese National Culture University, Taiwan, December 1982.

•Nutrition, Metabolism, and Disease,• Society of Marine Scientists and National Taiwan Marine College, Taiwan, November 1982.

•Nutrient Intake of Mentality III and Outpatients B Evaluation Before and After a Nutrient Education Program,• co-author, American Dietetic Association, San Antonio, Texas, October 1982.

•Student Eating Habits and School Foods in California Public Schools,• California School Foodservice Association, Pleasant Hills, California, April 1982.

•Food Fadism• and •Food Additives,• Stanford University, Stanford, California, April 1981.

•Aging in Taiwan: Demography and Welfare,• discussant, Sino American Conference on Social Welfare Development in the 1980's, Taipei, January 1981.

## **PUBLICATIONS**

Chi, R., Komenaka, A., Tseng, R. & Chen, B. Successful Infusion Of Pedagogy With Technology: A Practical E-Learning Model. In T. Reeves & S. Yamashita (Eds.), *Proceedings of*

*World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2006* (pp. 459-463). Chesapeake, VA: AACE, 2006.

Tseng, R. "Mending Welfare," *San Jose Mercury News*. April 5, 1998.

Tseng, R. "Community Colleges, Companies Join to Meet Demand for Training," *San Jose and Silicon Valley Business Journal*. March 17-23, 1997.

Tseng, R. and M. Ego. "Reaching for the Emergent Majoring: A Challenge for Health Promotion," *Issues in Aging*. The University of Connecticut, 32-35, 1993.

Tseng, R. and D. Ellyne. "Perspectives on Developing a Course in Multicultural Health Promotions," *Issues in Aging*. The University of Connecticut, 49-51, 1990.

Chau, P., Lee, H.S., Tseng, R., and N.J. Downes. "Dietary Habits, Health Beliefs, and Food Practices of Elderly Chinese Women," *Journal of the American Dietetic Association*, 90(4), 579-589, 1990.

Tutt, M., McProud, L., Belo, P., Tseng, R., Ferlin, B., and C. Neill. "Comparison of Energy Consumption of Fully and Partially Loaded Institutional Forced-air Convection Ovens: Preheated and Nonpreheated," *School Food Service Research Review*, 13(2), 146-149, 1989.

Tseng, R., Lee, N.Y., Tsiang, J., Curtis, S., and B. Walter. "Food Intake in Taipei School Children. II. Relationship of Selected Sociodemographic, Behavioral, and Dietary Variables," *Ecology of Food and Nutrition*, 23(2), 141-148, 1989.

Howe-Murphy, R., Ross, H., Tseng, R., and R. Hartwig. "Effecting Change in Multicultural Health Promotion: A Systems Approach," *Journal of Allied Health*, 18(3), 291-305, 1989.

Newman, C., Downes, N., Tseng, R., and L. Newman. "Nutrition-related Backgrounds and Counseling Practices of Doctors of Chiropractic," *Journal of the American Dietetic Association*, 89(7), 939-943, 1989.

Tseng, R.Y., N.Y. Lee, and V. Wang. "Food Intake in Taipei School Children. I. Comparison of Nutrient Intake with California Children," *Ecology of Food and Nutrition*, 1988.

Kittler, P.G., K. Sucher, and R.Y. Tseng. "Cultural Foods Education: An Exploratory Study of Dietitians and Plan IV Programs in California," *Journal of the American Dietetic Association*, 86(12), 1705-1708, 1986.

Ross, H.S., R. Tseng, R. Howe-Murphy. "Health Promotion/Disease Prevention Programs for Special Population Groups: Implications for Health Promotion Programs Among Multicultural Groups," *Journal of Allied Health*, 15(4) 318-322, 1986.

Tseng, R.Y., M.A. Sullivan, and J. Downes. "Proposed Method for the Nutritional Rating of Foods," *Journal of Nutritional Education*, 18(2), 67-74, 1986.

Sun, S.J., N.C. Lu, R.Y. Tseng, and E. Smith. "Vitamin B-6 Requirements and Tryptophan Load Test in *Caenorhabditis elegans*," *Proceedings of the Society of Experimental Biology*, July 1986.

Olive, M., R.Y. Tseng, and L. McProud. "Comparison of Two Methods of Educating Dietitians: Bachelor's Degree with Internship and Master's Degree with Qualifying Experience," *Journal of the American Dietetics Association*, 85: 1067-1611, 1985.

Chen, P.K., T.C. Chen, and R.Y. Tseng. *Everything You Wanted to Know About Chinese Cooking*, Barrons Educational Series, Inc., 1983.

Tseng, R.Y. "Nutritional Rating of Food Utilizing Density Concept," *International Symposium of Advanced Nutrition, Proceeding*, 1-15, 1983.

McProud, L. and R.Y. Tseng, et al. "Training Program for Entry-Level Employees in School Food Service," *School Food Service Research Review*, 7:25-28, 1983.

Tseng, R.Y., L. Sakai, R. Sun, and E. Smith. "Eating Patterns of California School Children, I. During School Hours," *School Foodservice Research Review*, 7:19-24, 1983.

Tseng, R.Y., M.G. Hoffman, and J.K. Dutcher. "Eating Patterns of California School Children, II. During a 24-hour Period," *School Foodservice Research Review*, 7:25-28, 1983.

Tseng, R.Y. and N.Y. Lee. "Determination of Nutritional Status for School Children," *Chinese Journal of Nutrition*, Taiwan, R.O.C. (in Chinese), 1983.

Fee, C. and R.Y. Tseng. "Mini-Nutrition Education for Senior Citizens," *Journal of Nutrition Education*, 14:87, 1982.

Tseng, R.Y., E.L. Lindquist, M.L. Greenfield, L. Sakai, and M.A. Sullivan. *Eating Habits of Students in California Public Schools*, California State Department of Education, Sacramento, 1981.

Tseng, R.Y. "Aging in Taiwan: Demography and Welfare," *Proceedings of the Sino American Conference on Social Welfare Development in 1980's*, 326-327, 1981.

Rauen, M. and R. Tseng. "A Study of Some Dietary and Food Selection Changes on Selected Jejunoileal Bypass Patients," *Journal of the American Dietetic Association*, 75:454-458, 1979.

Tseng, R. "The Vegetarian Diet: The Poppy Seeds," *California School Food Service Association*, 22:60-63, 1979.

Dignam, M., R.Y. Tseng, and E. Smith-Nury. "Lipid Retention and Oxidation in Soy/Protein/Ground Beef Mixtures," *Research Journal of Home Economics*, 7:356-360, July 1979.

Tseng, R.Y., E. Smith-Nury, and Y.S. Chang. "Calcium and Phosphorus Contents and Ratios of Tofu as Affected by the Coagulants Used," *Research Journal and Home Economics*, 6:171-175, 1977.

Tseng, R.Y., J. Mellon, and K. Bammer. *Review of a Decade of Nutrition Research Literature Concerning Nutritional Status, Health, Behavior and Achievement*, California Department of Education, 210-page report, 1978.

Tseng, R.Y., D. Reyes, N.L. Cohen, and G.M. Briggs. "Metabolic Changes in the Golden Hamster When Fed Vitamin B-12 Deficient Diets," *Journal of Nutrition*, 106:77-85, 1976.

Tseng, R.Y., and J. Anderson. *Nutrition and Metabolism B Series I, II, III, and IV, Audio Visual Self Learning Modules*, 1976.

Tseng, R.Y. "Selected Metabolic Changes in Vitamin B-12 Deficient Golden Hamsters," Ph.D. Thesis, University of California, Berkeley, 1968.

Tseng, R.Y., N.L. Cohen, and G.M. Briggs. "The Effect of Vitamin B-12 Deficiency on Glutathione, Glutathione Reductase and Glucose-6 Phosphate Dehydrogenase in the Golden Hamster," *Federal Proceeding of American Society for Experimental Biology and Medicine*, 27:369, 1968.

## **GRANTS**

Principle Investigator or responsible for securing the following grants.

As Chancellor, University of Hawai'i at Hilo:

- 2006-2011 Principle Investigator, Louis Stokes Alliances for Minority Participation (LSAMP), National Science Foundation, \$1.75M.
- 2006-2010 Statewide Committee Co-Chair, Experimental Program to Stimulate Competitive Research (EPSCoR), National Science Foundation, statewide grant initiated at UH Hilo; total \$40M generated; \$9M/3yr, renewed.
- 2004-2009 Principal Investigator, Research Infrastructure in Minority Institutions (RIMI), National Center for Minority Health and Health Disparities, National Institutes of Health, \$4M.
- 2002-2007 Principal Investigator, Alliance for Access to Science, Technology, Engineering, and Mathematics (STEM), Tribal Colleges and Universities (T-CUP) Program, National Science Foundation, \$2.5M.
- 2003-2006 Statewide Committee Co-Chair, Experimental Program to Stimulate Competitive Research (EPSCoR), National Science Foundation, statewide grant initiated at UH Hilo, \$9M.
- 2001-2003 Principal Investigator, Experimental Program to Stimulate Competitive Research (EPSCoR) Planning Grant, statewide initiative, National Science Foundation, \$330K.

1999-2005 Principal Investigator, Development of the Mauna Kea Astronomy Education Center at UH Hilo's University Park of Science and Technology, National Aeronautics and Space Administration (NASA), several grants totaling \$27.5M (FY 2001-2006)

As Chancellor, West Valley/Mission Community College District:

1998 Silicon Valley Center for International Trade Development, \$100K.  
1998 Welfare Reform Initiative, David and Lucile Packard Foundation, \$375K.  
1998 Welfare Reform Initiative, United Way of Santa Clara County, \$60K.  
1996 Procurement Technical Assistant Grant to help small US business, US Department of Defense, \$300K.  
1995 Regional Small Business Development Center (SBDC), California Trade and Commerce and US Small Business Administration, \$300K.  
1995 Pac Bell, Distance Learning Video Conference, Education First grant, \$60K.  
1996 Packard Foundation, Distance Learning Technology and Multimedia Education, two grants totaling \$99K.  
1994, 1996 National Science Foundation, Pacific Technological Education Center Consortium, to develop and disseminate materials on innovative ways of teaching science through application, \$300K (1994), \$500K (1996).  
1994 California Community Colleges B Cooperative Agencies Resources for Education (CARE), to provide financial aid to economically disadvantaged students at Mission College and West Valley College, \$66K.  
1994 California Community Colleges, Vocational Education (VATEA) Grant, \$249K.  
1994 California Department of Transportation PVEA Funds, for Santa Clara County Transportation Management Association Project, \$300K.

As Dean, College of Applied Sciences and Arts, and Faculty Member, San Jose State University:

1992 Syntex Corporation, for evaluating and tracking Andrew Hill High School, San Jose, students in pursuit of health careers, \$10K.  
1992 Geriatric Education Training Grant, funded as partners with Stanford University, \$32K for SJSU.  
1991-1994 Public Health Service, U.S. Department of Health & Human Service, Health Career Opportunity Program, \$440K/3years.  
1991-1993 Henry J. Kaiser Family Foundation, Center for Health Careers at San Jose State University, 1/91 B 9/92, \$100K/21 B month grant plus \$50K/1993.  
1986-1988 Public Health Service, US Department of Health and Human Service, Multicultural Community Health Coalition of San Jose, \$170K/2 years.  
1984-1986 Area Health Education Center, The Identification and Entry of Disadvantaged Students into Allied Health Careers, \$32K/2 years.  
1983-1986 Bureau of Health Professions, US Department of Health and Human Service, Multiculture-Multidisciplinary Health Promotion Project, \$351K/3 years (as co-director).

- 1984-1986 Public Health Service, US Department of Health and Human Service, Health Career Opportunity Program, \$238K/2 years.
- 1985 Chancellor's Office, California State University System, Anthropology and Nutrition; Interdisciplinary Course Development, \$7K.
- 1985, 1986 Valley Foundation, San Jose State University Health Training Complex Los Gatos, 1985, \$75K; 1986, \$100K.
- 1983-1984 AARP Andrus Foundation, Determinants of the Use of Health Services Amongst Three Groups of Ethnic Elderly, 1983-84, \$31K (as co-coordinator).
- 1980 Nutrition Education and Training Program, California Department of Education, Training Program for Foodservice Assistants (Training Modules including 10 on Cultural Foods), \$77K.
- 1980 Nutrition Education and Training Program, California Department of Education, Nutrition Education for Secondary Teachers, \$10K.
- 1979 Nutrition Education and Training Program, California Department of Education, Curriculum Development in Nutrition Education and Food Service Management, \$24K.
- 1979 California State Department of Education, "A Study of the Nutritional Quality of and Student's Eating Habits of California Schools," \$64K.
- 1978 California State Department of Education, "Nutritional Study for School Foods for SB654" (Review of Literature), \$2.5K.
- 1976 NASA-Ames University Consortium Grant, "A Nutrition and Metabolism B Effect of High Protein Levels on Calcium Balance: A Rat-Model Study," \$10K.
- 1976 CSU Chancellor's Office Grant on Innovation Instruction, "Mediated Modules in Nutrition/Dietetics," \$32K, developed computer program and self-learning modules.
- 1976 San Jose State University Research Grant, "Thiamin Content of Wheat and Soy-Wheat Breads as Affected by pH," \$400.

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