

Management Team Resumes And Organizational Chart

Resumes are included for the following Management Team members:

- Thomas S. Nesbitt, MD, MPH
- David Harry, PhD
- Jana Katz-Bell, MPH
- Shelley A. Palumbo, MS
- Speranza Avram, MPA
- Susan D. Catron, MPPA
- Robert W. Sams, MA
- Peter M. Yellowlees, MBBS, MD

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributions.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Thomas Scott Nesbitt, M.D., M.P.H.	POSITION TITLE Associate Vice Chancellor
eRA COMMONS NAME	

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of California, Davis	Bachelor of Arts	1971-1975	Psychology
University of California, Davis	Doctor of Medicine	1975-1979	Medicine
Spokane Family Medicine, affiliate of University of Washington, Spokane, Washington	Resident	1979-1982	Family Medicine
University of Washington School of Medicine, Seattle, Washington	Resident	1986-1988	Preventive Medicine
School of Public Health, University of Washington, Seattle, Washington	M.P.H.	1986-1988	Health Services
University of Washington School of Medicine, Seattle, Washington	Senior Fellow	1986-1988	Faculty Development Fellowship Program
University of California, Davis	Faculty Scholar	1996-2000	Academic Leadership Development

A. Positions and Honors

Positions and Employment

04/2009-present	UC Davis, Sacramento, CA, Associate Vice Chancellor for Strategic Technologies and Alliances
12/2008-present	UC Davis, School of Medicine/California Center for Connected Health, Sacramento, CA, Executive Director of Telehealth Services
May 2007-present	UC Davis, Sacramento, CA, Chief Scientist, Center for Information Technology Research in the Interest of Society
1999-present	UC Davis, Sacramento, CA, Director, Center for Health and Technology
1988-present	UC Davis, Sacramento, CA, Assistant, Associate, Full Professor, Department of Family and Community Medicine

Honors

*2007	Best Doctors - Family & Community Medicine, Best Doctors, Inc.
2006	President's Award, American Telemedicine Association
2005	Community Service Award, Serotonin Surg Charity
2003	Best Physicians in America Award
2001	Best Physicians in America Award
2000	Dean's Excellence in Mentoring Award, University of California, Davis, School of Medicine

B. Selected peer-reviewed publications (in chronological order).

1. Hilty DM, Yellowlees PM, Cobb HC, Bourgeois JA, Neufeld JD, Nesbitt TS. Models of telepsychiatric consultation--liaison service to rural primary care. *Psychosomatics*, 47(2): 152-7, 2006.

2. Nesbitt TS, Cole SL, Pellegrino L, Keast P. Rural outreach in home telehealth: assessing challenges and reviewing successes. *Telemed J E Health*, 12(2): 107-113, 2006.
3. Hilty DM, Yellowlees PM, Nesbitt TS. Evolution of telepsychiatry to rural sites: changes over time in types of referral and in primary care providers' knowledge, skills and satisfaction. *Gen Hosp Psychiatry*, 28(5): 367-73, 2006.
4. Hilty DM, Nesbitt TS, Kuenneth CA, Cruz GM, Hales RE. Rural versus suburban primary care needs, utilization, and satisfaction with telepsychiatric consultation. *J Rural Health*, 23(2): 163-5, 2007.
5. Hilty DM, Marks S, Wegelin J, Callahan EJ, Nesbitt TS. A Randomized, Controlled Trial of Disease Management Modules, Including Telepsychiatric Care, for Depression in Rural Primary Care. *Psychiatry*, 4(2): 58-65, 2007.

C. Research Support

Ongoing Research Support

HL083176 UCSF
4529SC

08/01/2006 - 06/30/2011

National Institute of Health, Heart, Lung and Blood

Davis Campus Site- "Improving Self Care Behavior and Outcomes in Rural Patients with Heart Failure"

R01 HL083176 To test the effects on clinical outcomes (HF-related hospital readmissions, mortality, HF severity, quality of life [QOL]), self-care monitoring and behaviors, care-seeking behaviors, patient knowledge and cost) of 2 doses of an education intervention focused on fluid weight management designed specifically for rural patients. Subcontract 4529SC with UCSF.

Role: Principal Investigator

6 HFPEP070013-01-01

2007 - 2010

US Dept of Health & Human Services

Surge Capacity Through Technology Innovation

Role: Collaborator

2007 - 2010

State of California

Proposition ID & Rural Prime for new California Telehealth Resource Center

Oversight of new construction of new California Telehealth Resource Center

Role: Co-Investigator

Rural Hlth Care Pilot

4/1/2008 - 3/31/2011

#17211

Federal Communication Commission

FCC-California Telehealth Network

Administrator of Funds

Role: Principal Investigator

08-CETF-01

Nesbitt, TS (PI)

04/01/2008 - 03/31/2011

California Emerging Technology Fund/UC Office of the President

California Telehealth Network Project

Role: Principal Investigator

C76HF10801

Nesbitt, TS (PI)

9/1/2008 - 8/31/2009

Health Resources & Services Administration

Healthcare & Other Facility Award

Grant for Medical Education Building

Role: Principal Investigator

DAVID J. HARRY, Ph.D.

Personal

Address: Information Services, ASB
UCDMC
2315 Stockton Blvd.
Sacramento, CA 95817
Telephone: 916-734-5794
Email: david.harry@ucdmc.ucdavis.edu

Education/Training

University of Washington, Seattle WA
Postdoctoral Residency, Clinical Pathology, 1977 – 1980
Ph.D., biochemistry, 1977

Certification

American Board of Clinical Chemistry, Board Eligible

Summary of Experience

University of California, Davis Health System

Sacramento, California

2006-Present Director of Operations

California Telehealth Network

1995-2006 1. Assistant Director, Information Systems
2. HIPAA Security Officer, UCDHS

1985-1995 Assistant Professor (tenure track), Pathology
Managing Director of Laboratory Operations

University of Texas Medical Branch

Galveston, Texas

1981-1985 Assistant Professor (tenure track), Pathology
Assistant Director, Clinical Pathology
Director, Clinical Information Systems

University of Washington Health System

Seattle, Washington

1980-1981 Adjunct Assistant Professor, Laboratory Medicine
Assistant Director, Clinical Chemistry Division

Jana Katz-Bell, MPH
Assistant Dean, Interprofessional Programs
UC Davis School of Medicine and Betty Irene Moore School of Nursing

Jana Katz-Bell has an appointment in both the School of Medicine and the Betty Irene Moore School of Nursing as Assistant Dean, Interprofessional Programs. In this capacity, she has responsibility for the administrative infrastructure of the School of Nursing, partially funded by a \$100 million commitment from the Gordon and Betty Moore Foundation, a grant which she co-authored. The Center for Health and Technology and the Center for Virtual Care also report up through her with her focus on state-wide initiatives to advance telehealth and medical education. Prior to this role, Jana was the Assistant Dean for Administration for the School of Medicine, and served for 11 years as the Chief Administrative Officer for the UC Davis Center for Health and Technology. Under her leadership, the CHT won national and worldwide attention as one of the best telemedicine programs in the United States. During her past thirteen years with UC Davis Health System, Jana has also managed the Sacramento County Contract, a \$25 million/year contract to provide services to medically indigent adults, managed the Heart Center, and worked on a number of other strategic initiatives.

Jana received her bachelor's degree in genetics from the University of California, Davis, and her master's degree in public health at the University of California, Berkeley. In addition to her formal education and extensive background developing and managing institutional projects and statewide initiatives, Jana has become a nationally recognized speaker of telemedicine issues and her testimony during deliberations of the California State Legislature on Senate Bills 1665 and 2098 led to legislation which favors telemedicine reimbursement. Jana is very interested in the intersection between technology and policy and currently is a board member of the Center for Telemedicine and eHealth Law.

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Shelley A. Palumbo	POSITION TITLE Chief Administrative Officer		
eRA COMMONS USER NAME			
EDUCATION/TRAINING (<i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i>)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Minot State University, Minot, ND	B.A.	1990	Communication Disorders
Minot State University, Minot, ND	M.S.	1991	Speech-Language Pathology

A. Positions and Honors

Positions and Employment

2008-present Chief Administrative Officer, Center for Health and Technology, UC Davis Health System, Sacramento, CA
2006-2008 Clinical Manager, Center for Health and Technology, UC Davis Health System, Sacramento, CA
1998 -2006 Gentiva Rehab Without Walls®, Melville, NY
2001 -2006 Director – Operational Support and Development, National
1999 -2001 Executive Director, Sacramento, CA
1998 -1998 Director of Clinical Management, Sacramento, CA
1996 -1998 SunDance Rehabilitation, Albuquerque, NM
1997 -1998 Regional Director of Operations, Emeryville, CA
1996 -1997 Clinical Director, North/Central, CA
1992 -1996 Speech-Language Pathologist, Sacramento, CA

Honors and Awards:

1991 Master of Science (Citation for Excellence Award), Minot, ND

B. Publications and Presentations

Presentations:

Telemedicine Reimbursement - Presentation

University of California, San Diego Telemedicine Learning Center
One Day Executive Overview
May 15, 2009

Telemedicine 101 – Facilitator of One-Day Course

Clinical and Operational Considerations - Presentation

Telemedicine Reimbursement and Financial Planning – Presentation

Contracting and Telemedicine - Presentation

Operational Aspects of Inpatient Telemedicine – Facilitator of Panel Presentation

American Telemedicine Association National Conference
Las Vegas, NV
April 25 & 26, 2009

Telemedicine Overview Education Workshops I and II - Presenter

University of California, Davis Health Informatics Conference
March 7, 2009

Telemedicine Reimbursement - Presentation

American Telemedicine Association National Conference
Seattle, WA
April 6, 2008

**Collaboration: Maximizing Your E-Health Options –Co-Presenter
(With Susan Ferrier, Northern Sierra Rural Health Network)**

Kaiser Permanente, CAPH and CPCA Specialty Care Access Initiative
Improving Specialty Care Access through E-health
November 5th, 2007

C. Research Support

Title of Project: Health Care Facilities Emergency Care Partnership Care

DHHS Grant #: 6 HFREP070013

Project Period: 09/30/07 – 09/29/09

Assist all theme leaders, principal investigator, and project director in administrative planning and project related deliverables. Monitor contracts, and memorandums of understanding related to financial and contractual components of the project.

Speranza Avram, M.P.A.

Speranza Avram has been a leader in the field of health information technology and health care management for the past 18 years. She most recently served for twelve years as Executive Director of Northern Sierra Rural Health Network (NSRHN), one of the most successful rural telehealth networks in California. During her tenure at NSRHN, she raised over \$12 million to support rural health services, including the implementation of innovative technology for community health centers, rural health clinics, and rural hospitals in nine rural counties.

During her consulting career, Speranza served as the Associate Director for the Center for Health Leadership at the UC Berkeley School of Public Health and provided consulting services to foundations, health care organizations, and others in the area of telehealth, rural health, and health information technology workforce issues. Her most recent project was the publication of *Rural Providers and eHealth: The Future is Now* for the California State Rural Health Association.

Speranza is an expert in the field of broadband connectivity, and has worked tirelessly to bring high-speed broadband to remote rural communities. She authored a publication on telecommunications discount programs published by the California Telemedicine and e-Health Center. She is a founding member of the California Telehealth Network. More information about Speranza's previous work can be found at www.speranza.us

Her service to the field includes six years as a member of the board of the California State Rural Health Association (CSRHA) and served as their president in 2006-07. In 2008, she was awarded the Rural Champion Community Leadership Award by the CSRHA. Speranza has a BA degree in Community Studies from UC Santa Cruz and a Masters degree in Public Administration from University of San Francisco.



Susan Dennis Catron

Curriculum Vitae

CONTACT INFORMATION:

UC Davis Extension
1333 Research Park Drive, Davis, CA 95618
530-754-9158 (direct), [REDACTED] (mobile)
sdcatron@ucdavis.edu

FIELDS: Public Policy, State Education Policy, Continuing Education/Adult Learning, Online Learning

PRESENT APPOINTMENT: Continuing Educator II, UC Davis Extension (Academic Federation)

EDUCATION

Graduate:

Ed.D., Educational Leadership & Policy, *in progress*, UC Davis, School of Education (ABD as of 6/10)

M.P.P.A., Public Policy & Administration, 2005, CSU Sacramento, Thesis: "Beyond the Basics: The Effects of Curricular Enrichment on School-wide Student Achievement."

M.B.A., (50% completed), 1995, CSU Sacramento

Baccalaureate:

B.A., Psychology, 1989, CSU Sacramento

ACADEMIC/PROFESSIONAL POSITIONS

Director, Education, Health Sciences & Public Policy, University of California, Davis, Continuing Education Division (UC Davis Extension), 4/08 – present

Programs directed: Health Informatics, Public Health, Migration and Health, Autism Spectrum Disorders, Educational Data Specialist, Teaching English to Speakers of Other Languages, Reading Specialist, College Admissions Advising

Director of Marketing & Public Affairs, University of California, Davis, Extension, 2007-08

Fiscal & Policy Analyst, California Legislative Analyst's Office, 2006-07

Policy assignment: K-12 accountability, emergency services/public safety, business regulation, state administration

Director of Marketing, University of California, Davis, Extension, 2000-02

Associate Director of Marketing, University of California, Davis, Education, 1999-00

Manager, Target Marketing & Research, University of California, Davis, Extension, 1997-99

Marketing Research Analyst, University of California, Davis, Extension, 1994-97

Program Representative, University of California, Davis, Extension, 1990-93

Special Projects Coordinator, Sacramento District Dental Society, 1989-90

Office Manager/Training Consultant, C.C.I. Association Services, (new business start), 1986-89

Program Supervisor, First and Multiple Offender Drinking Driver Programs, Sacramento Safety Council/Safety Center of California, 1981-85

PROFESSIONAL SKILLS/EXPERIENCE

- Continuing education program development, marketing and administration
- Seminar/conference planning (50-400 participants)
- Instructor recruitment/training
- Strategic marketing planning
- Market research and analysis; educational needs assessment
- Survey design and administration
- Policy analysis
- Expert testimony
- Staff leadership/management (4 to 16 FTE)
- Budget and fiscal oversight (\$1.5 million)
- Business systems consulting
- Group facilitation; training

PUBLICATIONS & WORKING PAPERS

Catron, S. (December 2007). "A British Solution for California Public Schools? An Introduction to the Inspectorate Model." Briefing paper for UC Davis Policy Symposium.

Catron, S. and Wassmer, R. (2006). "Beyond the Basics: The Effects of Non-Core Curricular Enrichment on Standardized Test Scores at Public Secondary Schools," with Robert W. Wassmer, *Michigan Journal of Public Affairs*, Vol. 3, Summer 2006. Article available at: www.mjpa.umich.edu

FUNDED RESEARCH

Local Initiatives Support Corporation, "A Benefit/Cost Assessment of the Auburn Boulevard Revitalization Effort," with Robert Wassmer, \$3,500, 2004. Complete report available at: www.csus.edu/indiv/w/wassmerr/lisc.pdf. Synopsis of report available at: www.lisc.org/content/publications/detail/866/

PUBLIC TESTIMONY

Fiscal and policy testimony delivered in numerous California Senate and Assembly budget subcommittees and conference committee, 2006-07 (approximately 30 occasions)

PRESENTATIONS

"California Curricular Policy: From the '90s to Now." Presentation to EDU601 Education Policy, Ed.D. Program, Sacramento State University, December 2007.

"Beyond the Basics: The Effects of Non-Core Curricular Enrichment on Standardized Test Scores at Public Secondary Schools." Presentation at the annual meeting of the California Educational Research Association, November 2007, Dana Point, CA.

"Beyond the Basics: The Effects of Curricular Enrichment on School-Wide Student Achievement." Presentation at the CSUS Research Competition, March 2006, Sacramento, CA. Selected as winner of campus-wide competition.

PROFESSIONAL SOCIETY MEMBERSHIPS

American Educational Research Association (AERA)
University Continuing Education Association (UCEA)

HONORS

Winner, CSUS Campus-wide Research Competition, March 2006
Phi Kappa Phi Honor Society, inducted April 2006

CAMPUS & COMMUNITY SERVICE

Campus:

2009-10 Campus Council for Information Technology (CCFIT), UC Davis (Federation representative)
2009-10 Academic Federation Communications Committee, UC Davis
2008-09 University Extension Teacher Peer Review Committee, UC Davis
2008-10 Staff PEER Award Committee, UC Davis Extension
2007 Academic Search Committee—Associate Dean, UC Davis Extension
2001 Academic Search Committee—Dean, UC Davis Extension
1998-1999 MIS Advisory Committee & Subcommittee Chair, UC Davis Extension
1998-1999 Chair, Customer Service Advisory Group, UC Davis Extension
1995-1996 Accountability Committee, UC Davis Extension
1995-1996 New Technologies Task Force, UC Davis Extension
1995-1996 Business Process Review Team, UC Davis Extension
1994-1995 Chair, Research Steering Committee, UC Davis Extension
1993-1994 Status of Women at Davis Administrative Advisory Committee, UC Davis
1991-1992 Co-Chair, Staff Advisory Council, UC Davis Extension

Community:

2004-2005 GATE Advisory Board, Dixon Unified School District
2002-2004 President, School Site Council, Tremont Elementary School
2002-2003 Superintendent's Parent Advisory Council, Dixon Unified School District
2002-2003 Board of Directors & Membership Chair, Dixon Cooperative Nursery School

REFERENCES

Professional:



Linda Behrens, Chair, Department of Business, Engineering & Enterprise, UC Davis Extension,
530.754.5101, lbehrens@unexmail.ucdavis.edu
Rita Bunch, M.B.A., Assistant Dean/Chief Operating Officer, UC Davis Extension, 530.757.8657,
rbunch@unexmail.ucdavis.edu
Charles Lacy, Ph.D., Dean (retired), UC Davis Extension, calacy@ucdavis.edu
Dennis Pendleton, Ph.D., Dean, UC Davis Extension, 530.757.8663, dpendleton@unexmail.ucdavis.edu
Peter Yellowlees, MBBS, MD, UC Davis Health Informatics Program, peter.yellowlees@ucdmc.ucdavis.edu

Academic:

Edward L. (Ted) Lascher, Jr., Ph.D., Associate Dean, School of Social Science & Interdisciplinary
CSUS, 916.278.4864, tedl@csus.edu
Thomas Timar, Ph.D., Professor, School of Education, UC Davis and Director, Center for Applied Policy
in Education, 530.754.6654, tbtimar@ucdavis.edu
Viki L. Montera, Ed.D., Assistant Professor, Educational Leadership & Policy, Sonoma State University
and UC Davis, Capitol Area North Doctorate in Educational Leadership, vlmontera@sonoma.edu
Robert W. (Rob) Wassmer, Ph.D., Professor and Chair, Department of Public Policy & Administration,
CSUS, 916.278.6304, rwassme@csus.edu

VITA

Robert W. Sams


530-297-4431 (office)
rwsams@ucdavis.edu, 

Education

1986 - 1989

Graduate study toward an MS in Agronomy, The Pennsylvania State University

1976-78

BS in Agronomy with Highest Distinction, The Pennsylvania State University.

1972

MA in Folklore, Indiana University - Full Fellowship

1971

BA in English with Honors and Highest Distinction, The Pennsylvania State University.

Occupation

1995- Present

Director and Chief Information Officer, Communication Services and Information Technology, University of California Agriculture and Natural Resources (ANR), University of California, 1111 Franklin St., 6th floor, Oakland CA, 94607-5200.

In this position, I serve as ANR's chief information officer and provide overall leadership for ANR Communication Services, an integrated communications and information technology unit with over forty employees. I am responsible for educational materials production, distribution and marketing, information technology leadership, and network operations for the Division of Agriculture and Natural Resources. I also represent the Division on university-wide committees related to information technology and communications and as a member of the Program Council of the American Distance Education Consortium. Communication Services produces award winning full-color publications and media, operates the statewide digital network supporting Division academics in more than seventy locations, and provides web and computer services supporting program and administrative applications development, email, and Internet support to Division employees statewide. The unit also distributes more than 1500 titles filling more than 9000 orders annually and generating over \$800,000 in sales.

1987- 1995

Assistant to the Dean for Communications, Governmental, and External Relations and Director, Agriculture Information Services, College of Agricultural Sciences, The Pennsylvania State University, 1 Shields Ave. University Park, PA 16802.

I was responsible for educational materials production, public and governmental relations, public advocacy, media relations, and communications support to the Dean. Representing the Dean, I served as Secretary to the Pennsylvania State Farm Show Commission and Executive Secretary

to the Penn State Agricultural Advisory Council. I chaired the editorial board of *Penn State Agriculture* magazine as well as the Ag Progress Days Planning Committee.

1982 - 1987

Superintendent, Farm Operations and Facilities, College of Agricultural Sciences, The Pennsylvania State University, 1 Shields Ave. University Park, PA 16802.

In this capacity, I was responsible for farm operations on more than 2500 acres of crop land as well as all farm services to animal research units. I was responsible for operations management of Penn State Ag Arena, an event and livestock show facility, and for facilities management coordination between university-wide physical plant operations and college agricultural facilities.

1979 - 1982

Farms Coordinator, Tri-Co Foods Corporation (procurement division of Hanover Brands, Inc.), PO Box 334, Hanover, PA 17331.

I was responsible for profit/loss operations of company farming operations on more than 3000 acres located in York and Centre counties, company feed lot and cow-calf beef operations, vegetable canning and freezing plant generated secondary waste management, and regulatory compliance for all agricultural operations.

Additional Responsibilities, Qualifications, and Memberships:

President, Association for Communications Excellence (ACE) 2006-7.

Program Panel, American Distance Education Consortium (ADEC) 1997-present

Leadership and Management Chair, ACE 2001-2002

California State Coordinator - NSF AISEP Project 2002-2004

Program Committee Chair, ACE International Meeting, June 2004, South Lake Tahoe, NV

Award of Excellence - Leadership and Management - ACE 2004

Peer Reviewer - Awards of Excellence - ADEC 2001, 2003

Joint Operations Group/Communications Planning Group - University of California 1998-2003

University of California, Telecommunications Policy Review Committee - 2002

Digital Access Research Team for eExtension - 2002

University of California Management Institute - 1997

Executive Secretary, Penn State Agriculture Advisory Council, 1988-1995

Secretary, Pennsylvania State Farm Show Commission - 1988-1995

Editorial Board, *Penn State Agriculture* magazine - 1988-1995

Co-Editor, *Agriculture*, Penn State College of Agricultural Sciences monthly newsletter - 1989-1995

Phi Kappa Phi Honor Society

Grants and Contracts

As administrative leader of an academic support unit, my roles in the following included initiating discussions of doing on-line education for veterinarians and producers, helping to secure funding, and editing grants and manuscripts.

TITLE: Dairy Beef: Maximizing Quality and Profits

AGENCY: ADEC: USDA Ag Telecommunications

AMOUNT: \$60,000

DATES: 9/01 - 9/02

ROLE: Co-Principal Investigator

STATUS: Completed

TITLE : On-Line Market Cattle Food Safety Education
AGENCY: Philip Morris Shared Solutions
AMOUNT: \$25,000
DATES: 9/00 - 9/01
ROLE: Co-Principal Investigator
STATUS: Completed

TITLE: Dairy Beef: Maximizing Quality and Profits
AGENCY: ADEC: USDA Ag Telecommunications Program
AMOUNT: \$20,000
DATES: 9/01 - 9/02
ROLE: Co-Principal Investigator
STATUS: Completed

Publications

Moore D.A., J.H. Kirk, D.J. Klingborg, F. Garry, W. Wailes, J. Dalton, J. Busboom, R.W. Sams, M. Poe, M. Payne, J. Marchello, M. Looper, D. Falk, T. Wright. 2004. DairyBeef: Maximizing Quality and Profits A consistent food safety message. Journal of Dairy Science. 87:183-190.

Sams, Bob. 2006. Of Mendel, wikis and open source: New models for knowledge creation. California Agriculture. 60:170

Klingborg, D.J., Sams, Robert W., What can we do for UC today?. California Agriculture. 64:1 <http://ucce.ucdavis.edu/files/repositoryfiles/ca6401p2-73621.pdf>

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Peter M. Yellowlees, MD, BSC, MBBS, FRANZCP, MRC (Psych)		POSITION TITLE Director Health Informatics Program; Professor, Department of Psychiatry and Behavioral Sciences, University of California, Davis	
eRA COMMONS USER NAME (credential, e.g., agency login) pmyellowlees			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
University of London	BSC	1972-1976	Psychology, Sociology, Biomechanics
Royal Free Hospital School of Medicine, University of London	MB BS (MD equivalent)	1979	Medicine
Flinders University of South Australia	MD (PhD equivalent)	1990	Medicine
Australian College of Health Informatics	FACHI	2002	Health Informatics

A. Personal Statement

I am a highly experienced PI who has successfully managed numerous grants (valued over \$8m) often across a number of organizations. I have considerable experience in ensuring that deliverables are met, and have successfully completed every grant that I have been awarded throughout my career. My expertise in both informatics and education will greatly assist this project, and I have the motivation, background, expertise and leadership qualities required to ensure that this health informatics grant meets its goals. I have been managing the UC Davis health informatics program for five years, and have dramatically expanded the numbers of students we teach, and the courses we run during this time. This grant will allow a further expansion of both of these areas, and my previous experience will help assure success and builds logically on my previous work. I have a large number of co-investigators who are highly experienced in health education, and will continue to work with them in a collaborative and productive manner.

B. Positions and Honors

Positions and Employment

- 1989-1992 Senior Visiting Psychiatrist, Broken Hill Base, Wilcannia, and Hospitals Prison Medical Services
Private Psychiatric Practice, Broken Hill
- 1992-1994 Chief Psychiatrist, South Australian Mental Health Services
- 1995-2004 Professor, Department of Psychiatry, University of Queensland
- 1996-2000 Chair, Department of Psychiatry, University of Queensland
Director, Integrated Mental Health Services, Royal Brisbane Hospital District
- 1999-2004 Director, University of Queensland Centre for Online Health
- 2004-2006 Associate Director, Center for Health and Technology, University of California, Davis
- 2004- Professor, Department of Psychiatry and Behavioral Sciences, University of California, Davis
Director and Chair, Health Informatics Program, University of California, Davis
- 2005-2006 Interim Vice Provost, Information and Educational Technology, University of California, Davis
- 2007-2009 Director, Academic Information Systems, School of Medicine, University of California, Davis

Other Experience and Professional Memberships

- 1984- Fellow, Royal Australian and New Zealand College of Psychiatrists
- 1989- Member, Royal College of Psychiatrists of the United Kingdom
- 1991-2004 Member of the Australian Psychological Society

- 1993- Member of the Royal Australian College of Medical Administrators
1997-1998 Member, Australian National Working Party on Mental Health Outcomes
1997-2000 Chair, RANZCP Committee of Quality Assurance Committee
1998- Member, American Telemedicine Association
1999 Member, Telehealth Evaluation in Australia - Expert Group, Commonwealth Department of Health and Aged Care
Sector Expert for Health and Social Work, EMPIRICA, European Community Information Technology
1999-2000 Member, EHR Taskforce, Commonwealth Department of Health and Aged Care
1999- Fellow, Australian College of Health Informatics
2000-2003 Member, AMA Information Technology Expert Group
2001 Member, Advisory Board Member E-Health International, International e-Health Association, UK
2002- Chair, HealthShare, Brisbane, Australia
Member, Australian Health Care Agreement Reference Group
Member, Advisory Board of the Centre for Pest Information Technology and Transfer
Member, Advanced Computation and Modeling Centre Advisory Board
Founding Member, Australian Health Informatics Association
Member, Information Technology, Research and 'e-health' Group. Australian Health Ministers
Member, Health Expert, European Community Health Sector e-Business Market Project
2003 Board Member, Queensland Government General Medical Assessment 2004-2009 NIMH review panel for Health Services Research
2004- Member, American Medical Informatics Association
2004- Member, American Medical Association
2005- Coordinator, short and long courses in telepsychiatry, American Telemedicine Association
Member, NIH review panel for Mental Health Services Research
Member, American Psychiatric Association
2006 Member, Governor Schwarzenegger's California eHealth Action Forum
2008-2009 Deputy Editor, Medscape Journal of Medicine
2008-2009 Chair, American Telemedicine Association Telepsychiatry guidelines working group
2009 Member, NIH review panel for ARRA grant applications
2009 Member, NIH review panel for Transformative Research funding.

Honors

- 1989 Organon Junior Research Award: best research published by a psychiatrist in Australia and New Zealand within five years of specialist registration
1992 Silver Award: Far West Mental Health Services Mental Health Services Conference Inc., Sydney, Australia
1994 Gold Award: Far West Mental Health Services Mental Health Services Conference Inc., Melbourne, Australia
1996 Two Queensland Health Awards: excellence in research and consumer involvement in mental health services
1997 THEMHS Silver Medal Award to Valley Integrated Mental Health Service
1999 Schizophrenia Fellowship of South East Queensland: Annual Award for Research Excellence in Schizophrenia and Related Psychoses
1999 International Asia Pacific Information Communications Technology Award to the Queensland Telemedicine Network
2003 Winner, e-Health Category: "Ex-Ray" Project (UniQuest Pty Limited), Secrets of Australian ICT Innovation Competition
2006 President's Award for the Advancement of Telemedicine for the University of California, Davis Center for Health and Technology by the American Telemedicine Association
2009 "Stangler innovator of the year". American Association for Technology in Psychiatry

"Best teacher" University of California, Davis Health Informatics Program.

C. Selected Peer-reviewed Publications (Selected from 115 peer-reviewed publications)

1. 2004 Hilty D, Marks S, Urness D, **Yellowlees P**, Nesbitt T. Clinical and educational telepsychiatry applications: a review. *Canadian journal of Psychiatry*. 2004 Jan;49(1):12-23.
2. 2005 **Yellowlees P**. Successfully developing a telemedicine system. *Journal of telemedicine and telecare*. 2005, 11(7):331-5
3. 2006 Hilty D, Hales D, Briscoe G, Benjamin S, Boland R, Luo J, Chan C, Kennedy R, Karlinsky H, Gordon D Yager J, **Yellowlees P**. APA Summit on Medical Student Education Task Force on Informatics and Technology. APA Summit on Medical Student Education Task Force on Informatics and Technology: learning about computers and applying computer technology to education and practice. *Academic Psychiatry*. 2006 Jan-Feb;30(1):29-35
4. 2006 Hilty D, **Yellowlees P**, Cobb H, Bourgeois J, Neufeld J, Nesbitt T. Models of telepsychiatric consultation-liaison service to rural primary care. *Psychosomatics*. 2006 Mar-Apr;47(2):152-7.
5. 2006 **Yellowlees P**, Harry D. Standards for data collection and monitoring in a telemedicine research network. *Journal of Telemedicine and Telecare*, 2006 Sept;12(2): S72-6.
6. 2006 Krupinski E, Dimmick S, Grigsby J, Mogel G, Puskin D, Speedie S, Stamm B, Wakefield B, Whited J, Whitten P, **Yellowlees P**. Research recommendations for the American Telemedicine Association. *Telemedicine journal and e-Health*. 2006 Oct;12(5):579-89.
7. 2006 **Yellowlees P**, Marks S. Pedagogy and educational technologies of the future. *Academic Psychiatry*. 2006 Nov-Dec;30(6):439-41.
8. 2006 **Yellowlees P**, Hogarth M, Hilty D. The importance of distributed broadband networks to academic biomedical research and education programs. *Academic Psychiatry*. 2006 Nov-Dec;30(6):451-5.
9. 2006 Srinivasan M, Hwang J, West D, **Yellowlees P**. Assessment of clinical skills using simulator technologies. *Academic Psychiatry*. 2006 Nov-Dec;30(6):505-15.
10. 2006 **Yellowlees P**, Cook J. Education about hallucinations using an internet virtual reality system: a qualitative survey. *Academic Psychiatry*. 2006 Nov-Dec;30(6):534-9.
11. 2007 Neufeld J, **Yellowlees P**, Hilty D, Cobb H, Bourgeois J. The e-mental health consultation service: providing enhanced primary-care mental health services through telemedicine. *Psychosomatics*. 2007 Mar-Apr;48(2):135-41.
12. 2007 Shore J, Hilty D, **Yellowlees P**. Emergency management guidelines for telepsychiatry. *General hospital Psychiatry*. 2007 May-Jun;29(3):199-206.
13. 2008 **Yellowlees P**, Hilty D, Marks S, Neufeld J, Bourgeois J. A retrospective analysis of a child and adolescent eMental Health program. *Journal of the American academy of child and adolescent Psychiatry*. 2008 Jan;47(1):103-7.
14. 2008 **Yellowlees P**, Cook J, Marks S, Wolfe D, Mangin E. Can virtual reality be used to conduct mass prophylaxis clinic training? A pilot program. *Biosecurity and bioterrorism*. 2008 Mar;6(1):36-44.
15. 2008 **Yellowlees P**, Burke M, Marks S, Hilty D, Shore J. Emergency telepsychiatry. *Journal of telemedicine and telecare*. 2008;14(6):277-81.

D. Research Support

Ongoing Research Support

Office of Graduate and Undergraduate Education (CMSE) 2009

APA Innovative teaching grant (Second life)

The goal is to develop a training environment for psychiatrists in Second Life.

Role: Co-PI

W81XWH-09-P-1012 Yellowlees(PI) 09/01/09-09/01/10

"A pilot study of store and forward telepsychiatry in military settings"

The goal of this study is to measure telepsychiatry outcomes.

Role: PI

California Center for Connected Health 2010
Telemedicine to Underserved Californian Clinics
The goal of this study is to provide evaluated clinical services and study clinical effectiveness.
Role: Investigator

Medscape 2009-2010
Development and Recording of Medscape Psychiatry Minutes
The goal of this contract is to provide biweekly multimedia psychiatric editorials.
Role: PI

Completed Research Support

1-HFPEP070013-01-00 Sandrock (PI) 2007-2009
Hospital Bioterrorism Surge Capacity
The goal of this study is to develop a feasible model of hospital bioterrorism response.
Role: Investigator

Blue Shield Foundation 20072009
Store and Forward Cross Cultural Telepsychiatry
The goal of this study is to demonstrate the feasibility of store and forward telepsychiatry.
Role: PI

California Department of Public Health 2006-2009
California Laboratory Readiness Project
The goal of this project is to develop interoperable laboratory systems for California Department of Public Health.
Role: PI (2008-2009)

California Department of Mental Health 2006-2007
Pandemic curriculum and online program
The goal of this project was to develop an online pandemic curriculum for California Department of Mental Health.
Role: PI

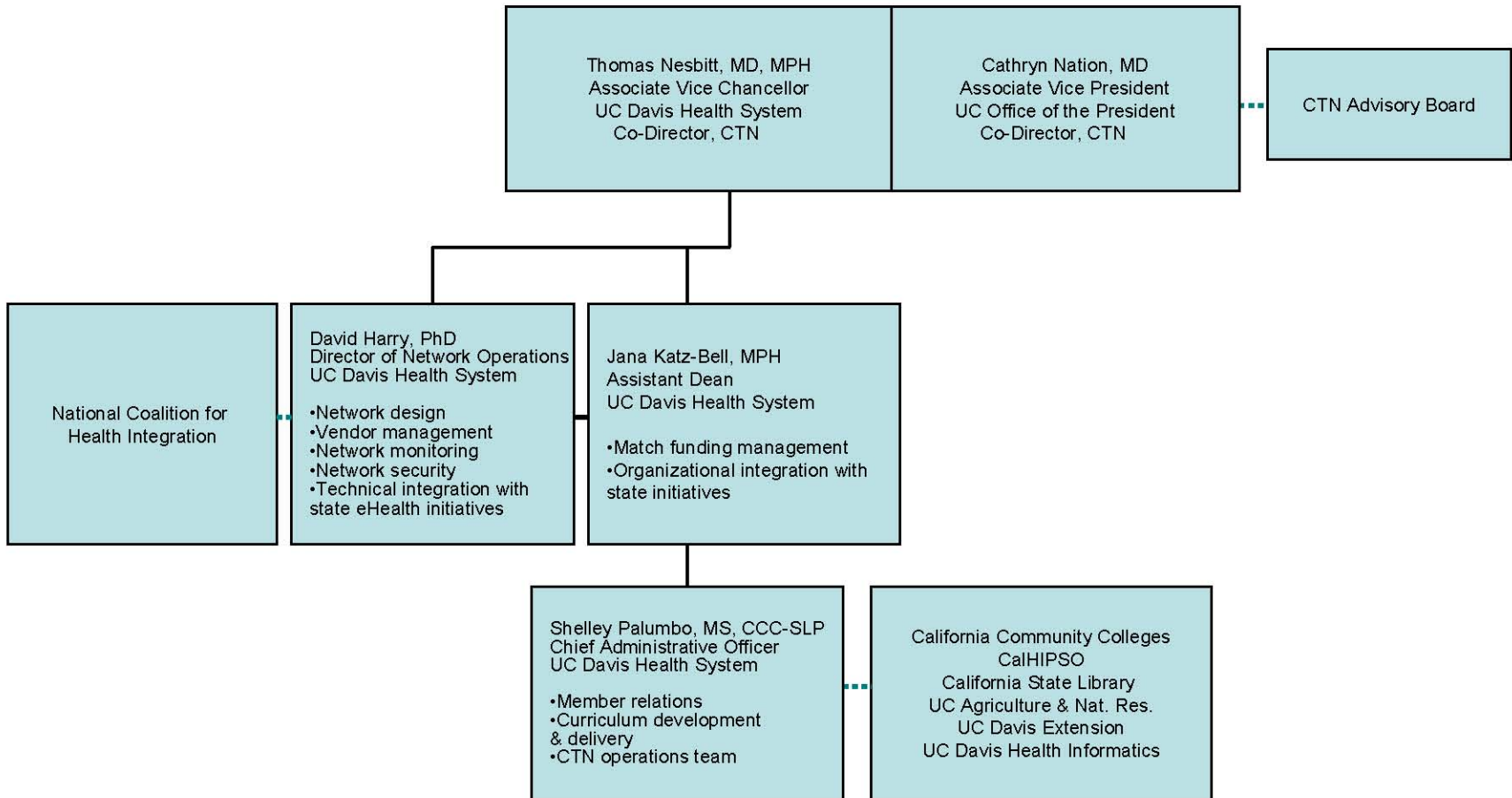
California Department of Mental Health 2005-2006
Bioterrorism Training Curriculum and online program
The goal of this project was to develop and online bioterrorism training curriculum for California Department of Mental Health.
Role: PI

California Department of Mental Health 2005-2006
Mental Health Surge Capacity
The goal of this project was to assess statewide surge capacity in mental health in the event of a bioterrorism attack.

Brophy Award, University of California, Davis. 2005-2006
Virtual Reality for Psychosis
The goal was to create an environment in Second Life to demonstrate psychosis.
Role: PI

California Department of Health Services 2005-2006
Virtual Reality for Bioterrorism
The goal was to create a replica of an emergency bioterrorism clinic in Second Life.
Role: PI

California Telehealth Network Organization Chart



Key Partners

Letters are included for the following Key Partners:

Financial Match

- National Coalition for Health Integration
- California HealthCare Foundation
- University of California, Office of the President

Letters of Support:

- University of California Agriculture and Natural Resources
- University of California, Davis Extension
- University of California, Davis Health Informatics Program
- UnitedHealthcare
- California Community Colleges
- California Health Information Partnership and Services Organization
- California Hospital Association
- California Primary Care Association
- California Rural Indian Health Board, Inc.
- California State Library
- California Telemedicine and eHealth Center
- Open Door Community Health Centers

March 9, 2010

Dr. Cathryn L. Nation, M.D.
Associate Vice President – Health Sciences
University of California, Office of the President
1111 Franklin Street, 11th floor
Oakland, CA 94602-5200

Dr. Thomas Nesbitt, M.D.
Associate Vice Chancellor
UC Davis Health System
4610 X Street, Suite 3101
Sacramento, CA 95817

Dear Dr. Nation & Dr. Nesbitt,

Attached is the letter from the National Coalition for Health Integration's (NCHI) commitment of match funds for the California Telchcah Network (CTN) to apply for funding from the American Recovery and Reinvestment Act (ARRA).

Pursuant to our discussions, the National Coalition for Health Integration through the support of Dr. Soon-Shiong and his affiliated organizations has affirmed our commitment to contribute match funds in the amount of \$2 million to seek ARRA support for CTN expansion and operations from a variety of federal agencies with the understanding that: (a) the application prepared by UC will be submitted on behalf of the CTN consortium, in coordination with the CTN Advisory Council and other key stakeholders; (b) the application articulates the intent of UC and the CTN Advisory Council to establish a new public-private 501 (c)(3) non-profit organization within the next 6-9 months to govern operations of CTN; (c) UC will serve as the fiscal agent for the new entity until incorporated and will, pending approval by relevant State and Federal funding entities, then transfer the ARRA funding to the new organization; (d) UC and other CTN partners will work together with NCHI, and will, to the extent possible, assure that training for CTN sites enables qualified and interested end-users to become proficient in the use of the NCHI integrated health platform as part of the technology infrastructure for the CTN; (e) NCHI will be represented on the CTN Technical Advisory Group; and (f) NCHI will have a seat on the CTN Board.

We are excited about UC's achievements on behalf of the CTN and look forward to an ongoing and productive relationship.

Sincerely,


Patrick Soon-Shiong, M.D.
Chairman, NCHI

Attachment



March 11, 2010

Assistant Secretary
National Telecommunications and Information Administration
U.D. Department of Commerce
Washington DC, 20230

Dear Assistant Secretary:

The California HealthCare Foundation pleased to support the proposal by the California Telehealth Network to the Sustainable Broadband Adoption Program. The Foundation is committed to improving the way health care is delivered and financed in California. By promoting innovations in care and broader access to information, our goal is to ensure that all Californians can get the care they need, when they need it, at a price they can afford. In support of this vision, the CHCF contributes to a number of collaborative efforts intended to advance telehealth in our state including funding the Center for Connected Health Policy.

We have been engaged partners for the past four years in the California Telehealth Network, including the recent funding and facilitating a full-day strategic and visioning session. The California HealthCare Foundation has committed \$2 million in funding to be utilized as matching dollars in support of the CTN Sustainable Broadband Adoption Program. These funds will support training activities of the project as well as the establishment of Model Communities demonstrating the value of broadband connectivity in supporting activities that improve health care and health outcomes. We are excited about the opportunity to advance technology-enabled healthcare delivery in these select locations.

The California Telehealth Network is guided by a coalition of committed organizations who share a mission to maximize the use of technology to meet the need of our state's diverse population. The California HealthCare Foundation is a founding member of this coalition and we look forward to leveraging our dollars with federal support to ensure a sustained implementation of the CTN.

Sincerely,

A handwritten signature in black ink, appearing to read "Margaret Laws".

Margaret Laws
Director, Innovations for the Underserved

UNIVERSITY OF CALIFORNIA

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

OFFICE OF THE PRESIDENT

JOHN D. STOBO, M.D.
Senior Vice President – Health Sciences and Services

OFFICE OF THE PRESIDENT

1111 Franklin Street
Oakland, CA 94607-5200
Phone: (510) 987-9071
Fax: (510) 763-4253
<http://www.ucop.edu>

March 9, 2010

Lawrence E. Strickling
Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, DC 20230

Re: California Telehealth Network Applications for NTIA BTOP Funding

Dear Mr. Strickling:

On behalf of the University of California, I am writing to express our strong support for the CTN Sustainable Adoption Project. In furtherance of this effort, we are pleased to confirm that \$5 million in new equipment will be purchased within the next 12 months, as part of a major University of California systemwide telemedicine initiative. Of this \$5 million fund for equipment, more than \$1 million is planned for the purchase of equipment that will be utilized at qualified CTN sites.

This funding is made possible as a result of the voter-approved 2007 Bond (“Proposition 1D”) the Kindergarten-University Public Education Facilities Bond Act. This initiative provides new resources for “capital improvements that expand and enhance medical education programs with an emphasis on telemedicine aimed at developing high-tech approaches to healthcare.” The University of California’s \$1 million contribution in matching funds as a result of Proposition 1D will support the purchase of equipment for eligible CTN healthcare sites serving rural or otherwise underserved populations, thereby enabling those sites to fully participate in the CTN.

New funding through the Broadband Technology Opportunities Program will enable California to leverage the significant work we have already begun – both through the CTN and through other statewide initiatives. These efforts are dedicated to improving access to health care by expanding access to broadband and telehealth technologies. The University appreciates this opportunity to confirm our commitment of \$1 million in matching funds for the Sustainable Adoption Project. We believe that NTIA BTOP funding will enable California to achieve its vision, and capitalize on the many resources currently dedicated to achieving access to top quality health care for all Californians.

Thank you for this opportunity to express and confirm our support for the Sustainable Adoption Project in the form of matching funds.

Sincerely yours,

Handwritten signature of John D. Stobo.

John D. Stobo, M.D.
Senior Vice President
Health Sciences and Services
University of California, Office of the President

cc: President Yudof
Executive Vice President Brostrom
Associate Vice President Nation
Associate Vice Chancellor Nesbitt, UC Davis



OFFICE OF THE VICE-PRESIDENT —
AGRICULTURE AND NATURAL RESOURCES

OFFICE OF THE PRESIDENT
Division of Agriculture and Natural Resources
1111 Franklin Street, 6th Floor
Oakland, California 94607-5200

March 9, 2010

Lawrence E. Strickling
Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, DC 20230

Re: California Telehealth Network Application for NTIA ARRA Funding

Dear Mr. Strickling:

On behalf of University of California Agriculture and Natural Resources, we are pleased to endorse the University of California's application – on behalf of the California Telehealth Network and a broad statewide coalition – for funding administered through the U.S. Department of Commerce's National Telecommunications and Information Administration (NTIA) to accelerate broadband deployment to strategic institutions, under the American Recovery and Reinvestment Act (ARRA).

In the past two years, a broad coalition of key stakeholders across California has developed a shared vision for telehealth in the state. This vision includes the creation of a robust, sustainable broadband network; telehealth applications and content; resources that enable people in remote, rural and tribal areas to benefit from access to centers of healthcare excellence; and information, tools and education to maintain and improve health. University of California Agriculture and Natural Resources has been actively involved in the creation of the FCC-funded California Telehealth Network (CTN).

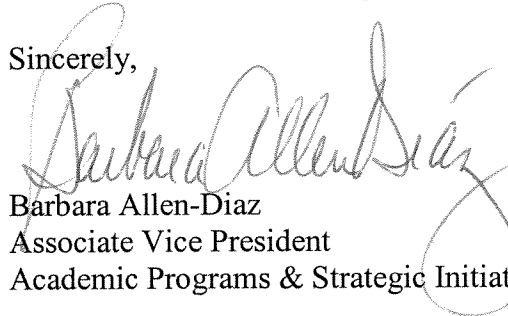
UC Agriculture and Natural Resources delivers informal education and consumer information through more than 70 locations across California, including offices in 56 counties. In addition to agricultural and natural resource information, UCCE conducts extensive programming in family and consumer science. Local educators deliver research-based information and training on nutrition, obesity, youth fitness, and diabetes prevention. UC Agriculture and Natural Resources is prepared to partner with the California Telehealth Network to provide content and to support local educational elements proposed in this application.

Lawrence E. Strickling
March 9, 2010
Page 2

ARRA funding would enable California to leverage the significant work we have recently begun – both through the CTN and through other state initiatives – to improve access to healthcare within California’s unserved and underserved areas by expanding access to broadband and telehealth technologies. We appreciate this opportunity to express our support for this important proposal, and believe that NTIA funding will enable California to achieve its vision, and capitalize on the many resources currently dedicated to achieving access to top quality health care for all Californians.

The opportunity to make major advances in health care and prevention across California is embodied in this application and in the unprecedented collaboration it represents.

Sincerely,

A handwritten signature in black ink that reads "Barbara Allen-Diaz". The signature is written in a cursive style with a large, looping flourish at the end.

Barbara Allen-Diaz
Associate Vice President
Academic Programs & Strategic Initiatives

c: Robert Sams
Tom Nesbitt



UC DAVIS EXTENSION
www.extension.ucdavis.edu

1333 RESEARCH PARK DRIVE
DAVIS, CALIFORNIA 95618-4852

March 8, 2010

Lawrence E. Strickling
Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, DC 20230

Re: California Telehealth Network Application for NTIA ARRA Funding

Dear Mr. Strickling:

On behalf of UC Davis Extension, I am pleased to endorse the University of California's application – on behalf of the California Telehealth Network and a broad statewide coalition – for funding administered through the U.S. Department of Commerce's National Telecommunications and Information Administration (NTIA) to accelerate broadband deployment to strategic institutions, under the American Recovery and Reinvestment Act (ARRA).

In the past two years, a broad coalition of key stakeholders across California has developed a shared vision for telehealth in the state. This vision includes the creation of a robust, sustainable broadband network; telehealth applications and content; resources that enable people in remote, rural and tribal areas to benefit from access to centers of healthcare excellence; and information, tools and education to maintain and improve health. UC Davis Extension has been actively involved in the creation of the FCC-funded California Telehealth Network (CTN).

UC Davis Extension (UCDE) is pleased to offer its expertise in adult learning and online education in support of this project. UCDE is an internationally-recognized leader in educational outreach, with a 50-year tradition of delivering innovative, self-supporting programs to help adult learners put knowledge into practice. Last year alone, we served students in all 50 states and 73 countries, presented nearly 4,100 courses and registered more than 60,000 enrollments.

As a partner in this project, UCDE's primary role is the provision of instructional design and production services to translate CTN's curriculum into engaging online learning experiences for health professionals seeking to effectively use broadband technology to improve public health. Each online course offers participants a multi-sensory experience that integrates audio, visual and interactive tools to truly engage learners in the content as well as foster inter-professional learning communities.

The UCDE team shares the vision articulated in this application to leverage technology not just for purposes of increasing subscribers, but to make meaningful contributions to social well-being. The online education delivered on CTN's broadband network will target not only those who have access and are not yet full adopters, but also new subscribers. The ultimate aim is to equip these users to make more effective use of the network; and, in so doing, to engage a broader array of broadband users, including health professionals and patients in ehealth.

ARRA funding would enable California to leverage the significant work we have recently begun – both through the CTN and through other state initiatives – to improve access to healthcare within California's unserved and underserved areas by expanding access to broadband and telehealth technologies. We appreciate this opportunity to express our support for this important proposal, and believe that NTIA funding will enable California to achieve its vision, and capitalize on the many resources currently dedicated to achieving access to top quality health care for all Californians.

I urge your favorable consideration of this application.

Sincerely,

A handwritten signature in black ink that reads "Dennis Pendleton". The signature is written in a cursive, flowing style.

Dennis Pendleton, Ph.D.
Dean
UC Davis Extension



UNIVERSITY OF CALIFORNIA, DAVIS
HEALTH INFORMATICS PROGRAM
2450 48TH STREET SUITE 2800
SACRAMENTO, CALIFORNIA 95817

March 2, 2010

Lawrence E. Strickling
Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, DC 20230

Re: California Telehealth Network Application for NTIA ARRA Funding

Dear Mr. Strickling:

On behalf of the UC Davis Health Informatics Program I am pleased to be involved in and endorse the University of California's application – on behalf of the California Telehealth Network and a broad statewide coalition - for funding administered through the U.S. Department of Commerce's National Telecommunications and Information Administration (NTIA) to accelerate broadband deployment to strategic institutions, under the American Recovery and Reinvestment Act (ARRA).

In the past two years, a broad coalition of key stakeholders across California has developed a shared vision for telehealth in the state. This vision includes the creation of a robust, sustainable broadband network; telehealth applications and content; resources that enable people in remote, rural and tribal areas to benefit from access to centers of healthcare excellence; and information, tools and education to maintain and improve health. A number of health informatics faculty have been actively involved in the creation of the FCC-funded California Telehealth Network (CTN) and more will also be working with the CTN as clinical providers of medical services throughout the state.

The UCD Health Informatics Program, established in 1998, is strongly research focused, has excellent institutional support, and is intended mainly for graduates with primary degrees in either health care or information technology. The program offers a fully accredited Certificate Series for working professionals, a Master's Degree program, and is actively pursuing a Ph.D. program which is expected to be introduced in 2011. The HIP is housed within the School of Medicine, with the courses being coordinated and taught through the Graduate Group in Health Informatics. The Graduate Group is a multidisciplinary group of over 40 faculty from the Schools of Medicine and Veterinary Medicine, the College of Engineering, the Health Sciences Library, and the Betty Irene Moore School of Nursing. The Health Informatics Program has already graduated 51 students from the Masters program and currently has 26 enrolled Masters students and 75 enrolled Certificate students. The breadth and depth of expertise among our faculty will be of great help in this grant application as they develop and implement the various training curriculae described in the grant application.

ARRA funding would enable California to leverage the significant work we have recently begun – both through the CTN and through other state initiatives – to improve access to healthcare within California's unserved and underserved areas by expanding access to broadband and telehealth technologies. We appreciate this opportunity to express our support for this important proposal, and believe that NTIA

funding will enable California to achieve its vision, and capitalize on the many resources currently dedicated to achieving access to top quality health care for all Californians.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Peter Yellowlees". The signature is fluid and cursive, with a long horizontal stroke at the end.

Peter Yellowlees MBBS, MD
Professor of Psychiatry
Director, Health Informatics Graduate Group
UC Davis



March 10, 2010

Lawrence E. Strickling
Assistant Secretary
National Telecommunications and Information Administration ("NTIA")
U.S. Department of Commerce
Washington, DC 20230

Re: Matching Funds for the California Telehealth Network ("CTN") Sustainable Broadband Adoption Project

Dear Mr. Strickling:

On behalf of UnitedHealthcare, I am writing to express our strong support for the CTN Sustainable Broadband Adoption Project ("the Sustainable Adoption Project"). In furtherance of this effort, UnitedHealthcare is pleased to commit a charitable contribution of \$1,750,000 as matching funds for the Sustainable Adoption Project.

UnitedHealthcare is pleased to strongly endorse the University of California's application – on behalf of the California Telehealth Network – for this critically important funding. Since its inception, the CTN has developed and advanced as a result of partnerships involving a broad and dedicated statewide coalition. New funding through the Broadband Technology Opportunities Program will enable California to significantly leverage the work already begun to expand access to broadband and telehealth technologies for California's medically underserved groups and communities.

Thank you for this opportunity to express and confirm our support for the Sustainable Adoption Project in the form of matching funds.

Sincerely,

A handwritten signature in cursive script that reads "Nancy J. Monk".

Nancy Monk
Senior Vice President
Regulatory and Public Affairs
UnitedHealthcare, West Region

**CALIFORNIA COMMUNITY COLLEGES
CHANCELLOR'S OFFICE**

1102 Q STREET
SACRAMENTO, CA 95811-6549
(916) 445-8752
<http://www.cccco.edu>



March 8, 2010

Jana Katz-Bell
Assistant Dean, Interprofessional Programs
UC Davis School of Medicine & Betty Irene Moore School of Nursing
4610 X Street
Sacramento, CA 95817

Dear Ms. Katz-Bell:

The purpose of this letter is to fully support your NTIA BTOP grant proposal that would result in funding to train community college instructors in the area of electronic health records, Health Information Exchange and Telehealth. The 112 community colleges in 72 districts provide a great opportunity for implementation of such a proposal.

I understand that you will include \$480K in the proposal to support a community college faculty development program and support faculty time to access the curriculum. The project design will enhance faculty knowledge base of eHealth, HIE, Telehealth and EHR and enrich their health sciences course work.

As a project partners, I would expect that community colleges would participate in the following activities:

- Community college faculty can synthesize the curriculum for the health sciences courses to expand the expertise of current trainees (LVNs, RNs, Medical Assistants, etc)...the plan is that graduates will learn to embrace and adopt broadband technologies.
- CalREC will be able to use the curriculum to complement the EHR implementation around the state.
- Ag Extension will synthesize the curriculum and do community-based consumer education.

The California Community College Chancellor's Office is pleased to support the University of California proposal to train community college instructors in the area of electronic health records, Health Information Exchange and Telehealth. These areas of employment are crucial to the California's future.

Sincerely,

A handwritten signature in black ink, appearing to read 'Barry Russell', is written over the typed name.

Barry A. Russell, Ph.D.
Vice Chancellor, Academic Affairs

**CALIFORNIA HEALTH INFORMATION PARTNERSHIP
AND SERVICES ORGANIZATION
555 12TH St., 10th Floor
Oakland, CA 94607**

March 8, 2010

Lawrence E. Strickling
Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, DC 20230

Re: California Telehealth Network Application for NTIA ARRA Funding

Dear Mr. Strickling:

The California Health Information Partnership and Services Organization (CalHIPS) is the federally designated Regional Extension Center for most of Northern and Southern California. We are pleased to endorse the University of California's application – on behalf of the California Telehealth Network and a broad statewide coalition - for funding administered through the U.S. Department of Commerce's National Telecommunications and Information Administration (NTIA) to accelerate broadband deployment to strategic institutions, under the American Recovery and Reinvestment Act (ARRA).

In the past two years, a broad coalition of key stakeholders across California has developed a shared vision for telehealth in the state. This vision includes the creation of a robust, sustainable broadband network; telehealth applications and content; resources that enable people in remote, rural and tribal areas to benefit from access to centers of healthcare excellence; and information, tools and education to maintain and improve health.

As a federally-designated regional extension center, the mission of CalHIPS is to develop and implement outreach, education, and technical assistance programs to assist health care providers in achieving meaningful use of certified electronic health record technology. We plan to develop and deploy curriculum using broadband technology and plan on leveraging the investments made by CTN to expand our reach to providers. We will also be developing EHR adoption curriculum that will be expanded to include telehealth training in collaboration with CTN.

ARRA funding would enable California to leverage the significant work we have recently begun – both through the CTN and through other state initiatives – to improve access to healthcare within California's unserved and underserved areas by expanding access to broadband and telehealth technologies. We appreciate this opportunity to express our support for this important proposal, and believe that NTIA funding will enable California to achieve its vision, and capitalize on the many resources currently dedicated to achieving access to top quality health care for all Californians.

SPERANZA AVRAM
EXECUTIVE DIRECTOR



**CALIFORNIA
HOSPITAL
ASSOCIATION**

*Providing Leadership in
Health Policy and Advocacy*

March 8, 2010

Administrator
Rural Utilities Service
U. S. Department of Agriculture
Washington, D.C. 20250-1500

Assistant Secretary
National Telecommunications and Information Administration
U. S. Department of Commerce
Washington, D.C. 20230

Re: California Submission for Sustainable Broadband Adoption Funding

Dear Sir or Madam:

On behalf of the California Hospital Association (CHA), we are pleased to endorse and support the University of California's application (on behalf of the California Telehealth Network and the statewide coalition) for Sustainable Broadband Adoption funding through the U. S. Department of Consumer's National Telecommunication and Information Administration, and the U. S. Department of Agriculture's Rural Utilities Service, to accelerate sustainable broadband adoption to strategic institutions, under the American Recovery and Reinvestment Act (ARRA).

During the past two years, a broad coalition of key stakeholders across California has developed a shared vision for telehealth in the state. This vision includes the creation of a robust, sustainable broadband network; telehealth applications and content; resources that enable people in remote, rural and tribal areas to benefit from access to centers of health care excellence; and information, tools and education to maintain and improve health. CHA has been actively involved in the creation of the Federal Communications Commission-funded California Telehealth Network (CTN).

Sustainable broadband availability to hospitals in rural and underserved areas is critical to applying technologies that can improve access to services and improve health outcomes. Rural hospitals will benefit greatly from quality high-speed sustainable broadband availability, allowing them to consider telehealth programs for emergency departments, ICUs and outpatient clinics. In addition to benefitting hospitals, staff — including clinicians and administrative personnel — will become users and subscribers of broadband; thereby incorporating the use of broadband in their professional and personal lives.

ARRA funding for sustainable broadband adoption will enable California to leverage the significant work we have begun — through CTN and other state initiatives — to improve access to health care within California's underserved areas. We believe that this funding will enable California to leverage the many resources currently dedicated to achieving access to top quality health care for all Californians.

Thank you for considering our support of the California Submission for Sustainable Broadband Adoption funding.

Sincerely,



Lois M. Suder
Executive Vice President and Chief Operating Officer

LMS:nr



March 10, 2010

Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, DC 20230

Re: California Submission for Sustainable Broadband Adoption funding

Dear Sir or Madam:

On behalf of the California Primary Care Association (CPCA), we are pleased to endorse the University of California's application – on behalf of the California Telehealth Network and a broad statewide coalition – for funding administered through the U.S. Department of Commerce's National Telecommunications and Information Administration, and the U.S. Department of Agriculture's Rural Utilities Service to accelerate sustainable broadband adoption to strategic institutions, under the American Recovery and Reinvestment Act.

In the past two years, a broad coalition of key stakeholders across California has developed a shared vision for telehealth in the state. This vision includes the creation of a robust, sustainable broadband network; telehealth applications and content; resources that enable people in remote, rural and tribal areas to benefit from access to centers of healthcare excellence; and information, tools and education to maintain and improve health. From its inception, CPCA has been actively involved in the creation of the FCC-funded California Telehealth Network (CTN).

CPCA is the statewide leader and recognized voice for California's community clinics and health centers (CCHCs) and their patients. CPCA represents over 800 not-for-profit CCHCs that provide comprehensive, high quality health care services, particularly for low-income, uninsured and underserved Californians who might otherwise not have access to health care. Since 1994, CPCA has successfully worked with its members to strengthen and protect the role of CCHCs in the fragile health care delivery system.

CPCA has been involved with the CTN project from the beginning and is committed to ensuring California's clinics gain access to sustainable broadband connectivity. Connectivity will enable clinics to care for their patients via telemedicine, exchange information, and provide access to education to their providers. For the clinical and support staff at the clinics, connectivity will enable them to become users and subscribers of broadband in their professional lives. And for patients, connectivity will improve access to healthcare within California's unserved and underserved populations in rural and remote areas.

We appreciate this opportunity to express our support for these important proposals, and believe that NTIA and RUS funding will enable California to achieve its vision, and capitalize on the many resources currently dedicated to achieving access to top quality health care for all Californians. Thank you.

Sincerely,

A handwritten signature in black ink, reading "Carmela Castellano Garcia". The signature is written in a cursive, flowing style.

Carmela Castellano-Garcia, Esq.
President and Chief Executive Officer
California Primary Care Association



CALIFORNIA RURAL INDIAN HEALTH BOARD, INC.

March 12, 2010

Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, DC 20230

Re: California Submissions for Sustainable Broadband Adoption Funding

Dear Sir or Madam:

On behalf of the California Indian Health Board, Inc., (CRIHB) we are pleased to endorse the University of California's application – on behalf of the California Telehealth Network and a broad statewide coalition – for funding administered through the U. S. Department of Commerce's National Telecommunications and Information Administration to accelerate broadband deployment to strategic institutions, under the American Recovery and Reinvestment Act.

In the past two years, a broad coalition of key stakeholders across California has developed a shared vision for telehealth in the state. This vision includes the creation of a robust, sustainable broadband network; telehealth applications and content; resources that enable people in remote, rural and tribal areas to benefit from access to centers for healthcare excellence; and information, tools and education to maintain and improve health. CRIHB and its member tribal health organizations have been actively involved in the creation of the FCC-funded California Telehealth Network (CTN).

The California Rural Indian Health Board, Inc., (CRIHB) was formed in 1969 to enable the provision of health care to member Tribes in California. It is devoted to the needs and interests of the Indians of rural California and is a network of Tribal Health Programs which are controlled and sanctioned by Indian people and their Tribal Governments. It has been a pioneer and national leader in Indian self-determination for health care and is unique in the country in its efforts to achieve responsibility for administering some of the U.S. Indian Health Service Area Office functions on behalf of its member tribal health organizations.

CRIHB is comprised of 30 California Indian tribes and 11 tribal health programs. It seeks to improve and expand health care services to a targeted service population in 17 predominately rural counties of California. CRIHB serves Indian and non-Indian populations from as far north as the Del Norte County on the edge of the Oregon border to the Central regions of Fresno, Madera, Kern, and Kings counties, reaching as far southeast as the Mojave Desert in southern Inyo County, and encompassing California's pacific coastline. CRIHB's target population includes the American Indian population whose adjusted

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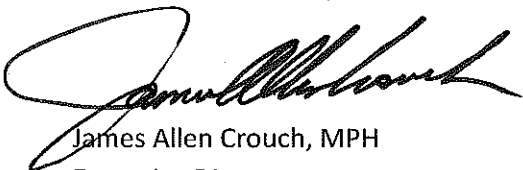
census population is over 42,000. CRIHB's target population also includes 12,320 non-Indians who are active users of CRIHB member tribal health programs.

CRIHB develops and delivers policies, plans, programs and services that elevate the health status and social conditions of our People; that develop capabilities within local programs; that communicate, educate, and advocate on our shared interests; and that organize support for our common goals. It does this through program development, legislation and advocacy, organization development, and financial resources. As an example, CRIHB recently created the California Tribal Epidemiology Center (EpiCenter) which aims to improve American Indian health in California to the highest level by engaging American Indian communities in collecting and interpreting health information to establish health priorities, monitor health status, and develop effective public health services that respect cultural values and tradition of the communities. CRIHB has been active in the development and assessment of electronic medical records for its member health organizations and the promotion of telehealth services so vital for tribal members living in isolated rural regions of the state.

We firmly believe that this funding for broadband training and related support is vital to the interests of our tribal health programs and will significantly enhance CRIHB's ability to serve its member tribes and peoples. CRIHB sites will be pleased to participate in Model Communities as we support the goal to achieve high quality, affordable and ubiquitous high speed connectivity. This is essential to improve the quality of life and improve health of the Indian peoples of California. In fact, this is an essential key to our goal of Indian self determination.

ARRA funding would enable California to leverage the significant work we have recently begun – both through the CTN and through other state initiatives – to improve access to healthcare within California's unserved and underserved areas by expanding access to broadband and telehealth technologies. We appreciate this opportunity to express our support for these important proposals, and believe that NTIA and RUS funding will enable California to achieve its vision, and capitalize on the many resources currently dedicated to achieving access to top quality health care for all Californians.

Sincerely,



James Allen Crouch, MPH
Executive Director



Administrator
Rural Utilities Service
U.S. Department of Agriculture
Washington, DC 20250-1500

Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, DC 20230

Re: California Submissions for Broadband Infrastructure Funding

Dear Sir or Madam:

On behalf of the California State Library we are pleased to endorse the University of California's application – on behalf of the California Telehealth Network and a broad statewide coalition - for funding administered through the U.S. Department of Commerce's National Telecommunications and Information Administration, and the U.S. Department of Agriculture's Rural Utilities Service to accelerate broadband deployment to strategic institutions, under the American Recovery and Reinvestment Act.

In the past two years, a broad coalition of key stakeholders across California has developed a shared vision for telehealth in the state. This vision includes the creation of a robust, sustainable broadband network; telehealth applications and content; resources that enable people in remote, rural and tribal areas to benefit from access to centers of healthcare excellence; and information, tools and education to maintain and improve health.

ARRA funding would enable California to leverage the significant work we have recently begun – both through the CTN and through other state initiatives – to improve access to healthcare within California's unserved and underserved areas by expanding access to broadband and telehealth technologies. We appreciate this opportunity to express our support for these important proposals, and believe that NTIA and RUS funding will enable California to achieve its vision, and capitalize on the many resources currently dedicated to achieving access to top quality health care for all Californians.

Daily, people use public library computers to access government, find and apply for jobs, conduct research for school or work, connect to the world, find information to help them to be healthy, communicate with family and friends and participate fully in the social, economic, and civic fabric of their communities. Our California Public Library statistics for 2008-2009 show that public library computers were used to access the Internet over 39,000,000 times statewide. Over 60% of public libraries in California are the only source of free Internet connectivity in their communities.

Public libraries seek to provide access to credible resources that help people to make the best possible life decisions. This project will create the infrastructure and resources to ensure that Californians have quality health information. Public libraries are ready partners for supporting access to these services and resources.

If I may be of further assistance, please do not hesitate to contact me at 916-654-0188 or saldrich@library.ca.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Stacey A. Aldrich", with a long horizontal flourish extending to the right.

Stacey A. Aldrich
State Librarian of California



California's
Leading Resource on
Telemedicine & Telehealth

Administrator
Rural Utilities Service
U.S. Department of Agriculture
Washington, DC 20250-1500

Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, DC 20230

Re: California Submissions for Broadband Infrastructure Funding

Dear Sir or Madam:

On behalf of the California Telemedicine and eHealth Center (CTEC) we are pleased to endorse the University of California's application – on behalf of the California Telehealth Network and a broad statewide coalition - for funding administered through the U.S. Department of Commerce's National Telecommunications and Information Administration, and the U.S. Department of Agriculture's Rural Utilities Service to accelerate broadband deployment to strategic institutions, under the American Recovery and Reinvestment Act.

In the past two years, a broad coalition of key stakeholders across California have developed a shared vision for telehealth in the state. This vision includes the creation of a robust, sustainable broadband network; telehealth applications and content; resources that enable people in remote, rural and tribal areas to benefit from access to centers of healthcare excellence; and information, tools and education to maintain and improve health. CTEC has been actively involved in the creation of the FCC-funded California Telehealth Network (CTN). While the FCC grant provides funding for the broadband installation, it does not fund the critically necessary costs of program development, end site equipment, training, or technical assistance and support.

The funding that is requested under this grant will provide the operations and training funds that are critical to engage and inform the thousands of professionals throughout the state that would become new subscribers of broadband services designed for health care applications. The University of California is bringing together a broad group of educational organizations, telehealth resource centers and others, including CTEC, to provide curriculum and programming that will meet the needs of new broadband users as well as telehealth programs expanding services under the CTN. This grant will support the sustainable operation of the medical grade broadband network being developed by the CTN.



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As a leading resource for telemedicine and telehealth information in California and as the federally designated Telehealth Resource Center, CTEC has worked with the University of California for over a decade in initiating efforts to expand the use of telemedicine throughout California. This grant would significantly contribute to the accelerated deployment of broadband and telehealth in the State of California.

The CTN has over 860 sites that have been qualified by the Federal Communications Commission (FCC) for participation in the program. At least 200 additional sites have submitted an application for service as well.

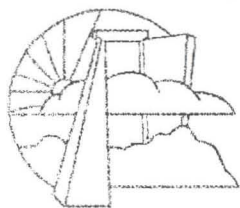
This ARRA funding would enable California to leverage the significant work currently in process – both through the CTN and through other state initiatives – to improve access to healthcare within California's unserved and underserved areas by expanding access to broadband and telehealth technologies. We appreciate this opportunity to express our support for these important proposals, and believe that NTIA and RUS funding will enable California to achieve its vision, and capitalize on the many resources currently dedicated to achieving access to top quality health care for all Californians.

Sincerely,

Christine Martin

Christine Martin, MBA, PMP
Executive Director
California Telemedicine and eHealth Center





OPEN DOOR Community Health Centers

☐ Administration

670 Ninth St., Suite 203
Arcata, CA 95521
Tel: 707-826-8633
Fax: 707-826-8638

☐ Finance

670 Ninth St., Suite 203
Arcata, CA 95521
Tel: 707-826-8627
Fax: 707-822-2894

☐ Billing

670 Ninth St., Suite 203
Arcata, CA 95521
Tel: 707-826-8642
Fax: 707-826-8611

☐ Corporate Services

760 Fifteenth Street
Arcata, CA 95521
Tel: 707-826-9926
Fax: 707-826-9928

• **Humboldt
Open Door Clinic**
770 Tenth Street
Arcata, CA 95521

• **Eureka Community
Health Center**
2412 Buhne Street
Eureka, CA 95501

• **Burre Dental Center**
959 Myrtle Avenue
Eureka, CA 95501

• **Del Norte Community
Health Center**
550 E. Washington Blvd.
Crescent City, CA 95531

• **McKinleyville Community
Health Center**
1644 Central Ave
McKinleyville, CA 95519

• **NorthCountry Clinic**
785 Eighteenth Street
Arcata, CA 95521

• **Willow Creek Community
Health Center**
38883 Highway 299
Willow Creek, CA 95573

• **Mobile Health Services**
959 Myrtle Avenue
Eureka, CA 95501

• **Telehealth and
Visiting Specialist Center**
2426 Buhne Street
Eureka, CA 95501

• **Old Town Dental Center**
310 3rd Street
Eureka, CA 95501

March 4, 2010

Administrator
Rural Utilities Service
U. S. Department of Agriculture
Washington, DC 20250-1500

Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, DC 20230

Re: California Submissions for Sustainable Broadband Adoption
Funding

Dear Sir or Madam:

On behalf of Open Door Community Health Centers we are pleased to endorse the University of California's application - on behalf of the California Telehealth Network and a broad statewide coalition - for funding administered through the U.S. Department of Commerce's National Telecommunications and Information Administration, and the U.S. Department of Agriculture's Rural Utilities Service to accelerate broadband deployment to strategic institutions and Sustainable Broadband Adoption, under the American Recovery and Reinvestment Act.

In the past two years, a broad coalition of key stakeholders across California have developed a shared vision for telehealth in the state. This vision includes the creation of a robust, sustainable broadband network; telehealth applications and content; resources that enable people in remote, rural and tribal areas to benefit from access to centers of healthcare excellence; and information, tools and education to maintain and improve health. Open Door Community Health Centers has been actively involved in the creation of the FCC-funded California Telehealth Network (CTN).

Open Door Community Health Centers has been actively involved in Telehealth since 1999. The center's involvement has grown to try to accommodate the needs of our community and region, from our start as a single spoke site receiving specialty services to our current, multiple-site hub-spoke configuration. We currently are involved in over 1000 consults annually. Our service area now covers our immediate vicinity and extends from the Oregon to California borders. This growth has occurred as a cooperative process, with the help of agencies such

as CTEC and CHCF, as well as with the support of our mentor hub site, UC Davis. As we progress in the field of Telehealth, it has become very clear that there is a need for a dedicated network to promote and support Telehealth activities. CTN promises to stabilize the electronic side of this activity, as well as to introduce a consistent, high quality set of standards for personnel training. This will allow yet more underserved communities to benefit from this necessary service.

ARRA funding would enable California to leverage the significant work we have recently begun -- both through the CTN and through other state initiatives -- to improve access to healthcare within California's unserved and underserved areas by expanding access to broadband and telehealth technologies. As well, the clinical and support staff at the clinics become users and subscribers to broadband in their professional lives, thereby increasing the pool of new subscribers.

We appreciate this opportunity to express our support for these important proposals, and believe that NTIA and RUS funding will enable California to achieve its vision, and capitalize on the many resources currently dedicated to achieving access to top quality health care for all Californians.

Sincerely,



Herrmann Spetzler
CEO



Frank Anderson RN, BSN
Director of Telehealth Development