

## CURRICULUM VITAE

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### EDUCATION

University of Hawai'i at Mānoa	B.S. Human Development	1979
" " " " "	M.P.H. Public Health Education	1981
" " " " "	Dr.P.H. Public Health/ Indigenous Health Systems	1999

### PROFESSIONAL EXPERIENCE

June 1978 – June 1979	Undergraduate Research Assistant, Haumana Biomedical Program, Univ. of Hawai'i at Mānoa (UHM).
Aug. 1979 – June 1980	Health Education Trainee, CETA, Honolulu Job Resource Center.
Aug. 1979 – July 1980	Non-Classified Graduate Assistant, Health Careers Opportunity Program (HCOP), School of Public Health, UHM
July 1980 – Aug. 1981	Graduate Research Assistant, Botany Department, UHM.
May 1981 – Sept. 1981	Educator and Coordinator of Leeward Area YWCA – Waipahu Summer Program (Field Work Experience).
April 1982 – April 1988	Junior Specialist, Haumana Biomedical Program Specialist, Pacific Biosciences Research Center (PBRC), UHM.
June 1990 – Nov. 1990	Assigned to the Dept. of Psychiatry to develop RCMI/NIMH proposal on Native Hawaiian Mental Health Research Center.
May 1988 – April 1993	Associate Program Director, Haumana Biomedical Program, PBRC, UHM.
May 1988 – April 1996	Associate Administrator, Minority High School Student Research Apprentice Program, PBRC, UHM
May 1988 – June 2001	Assistant Specialist/Assistant Professor, PBRC, UHM.
Sept. 1991 – Aug. 1996	Associate Activity Leader, Activity 4: Native Hawaiian Health Research Project, RCMI Program, Selective Excellence in Health Related Research, PBRC, The Queen's Medical Center Campus.
May 1993 – 2007	P.I., Program Director, Haumana Biomedical Program, PBRC, UHM.
April 1995 – 1998	Faculty, Division of Clinical Epidemiology, Department of Medicine, John A. Burns School of Medicine (JABSOM), UHM.
Sept. 1996 – 2002	Activity Leader, Activity 4: Native Hawaiian Health Research Project, Multi-Ethnic Health Research, RCMI Program, Selective Excellence in Health Related Research, PBRC, Leahi Hospital Campus.
July 2001 – 2002	Associate Specialist/Associate Research Specialist Professor, PBRC, UHM.
Aug. 2002 –	Associate Specialist/Associate Research Professor with tenure, PBRC, UHM.
June 2003 – May 2009	PI, Program Director, MARC U*STAR Program, PBRC, UHM.
August 2003 – July 2010	PI, Program Director, Pacific Region Diabetes Education (PRIDE) Program, NIDDK, NIH STEP UP Program, PBRC, UHM.
June 2003 – May 2011	Adjunct Associate Professor, Division of Ecology and Health, JABSOM, UHM.
May 2008 – 2012	Faculty, Telehealth Research Institute, Diabetes Program, JABSOM, UHM
April 2008 –	Affiliate Faculty, Center for Teaching Excellence, Faculty Mentoring Program, Office of Faculty Development and Academic Support, VCAA, UHM

## **UNIVERSITY/COMMUNITY SERVICES**

1987 – 1988	Member, Pamantasan: UH Task Force on Filipinos
1988	Member, Samoan and Pacific Islander Council
1992 – 1993	Doctoral Student Representative, School of Public Health, Dean's Search Committee
1992 – 1998	Advisory Council Member, Operation Kua'ana Program
1992 – 2002	Council Member, Rainbow Network of SEED Programs, Mānoa Campus; UH System
2000 – 2003	Member, Native Hawaiian Health Care System – Institutional Review Board (IRB)
2001 – 2003	Scientific Advisory Council Member, Imi Hale Cancer Awareness and Training Program
2001 –	Member, Kualii Council of Native Hawaiian Programs, UHM. Puko'a Council, at the University of Hawai'i System-wide Level
2001 – 2009	Poster Judge, Biomedical Sciences Symposia, JABSOM, UHM
2002 – 2003	Advisory Council Member, MBRS-RISE Research Program, University of Hawaii at Hilo
2002 – 2007	Council Member, Friends of Waimanalo Roundtable
2005 – 2007	Senator, Manoa Faculty Senate, Member, Committee on Administration and Budget
2009 – 2011	Chair, Departmental Personnel Committee, PBRC, UHM
2009 – 2011	Co-Instructor, Graduate curriculum in Global Health and Indigenous Health Perspectives, Ecology and Health, Office of Public Health Studies, JABSOM, UHM
2013	Appointed Member, Chancellor's Strategic Planning Initiative: PhD Funding Working Group
2013 –	Chapter Advisor and Founding Member, 'Ilima SACNAS Chapter at University of Hawai'i, UHM Registered Independent Organization
2014	Advisor/Co-Host, 'Ilima SACNAS Chapter Science Symposium, UHM, May 3-4, 2014, Honolulu, HI.
2015	Advisor/Co-Host, SACNAS Regional Meeting, UHM, April 17-19, 2015, Honolulu, HI
2018	Chair, Meeting of SACNAS Executive Leadership with Partners & Sponsors at UHM, November 27-30, 2018, Planning for the 2019 National Diversity in Science, Technology, Engineering & Math (NDiSTEM) Conference, Honolulu, HI
2019 –	Member, Ka Lei Pāpahi O Kākuhihewa, Traditional Hawaiian ceremony & protocol.
2019 – 2021	Member, Diversity, Equity and Inclusion Council, SOEST, UHM
2021 –	Search Advocate, UHM
2021 –	Senator, UHM Faculty Senate

## **OTHER EXPERIENCE, COMMUNITY SERVICE, AND PROFESSIONAL ASSOCIATIONS**

1982 – 2000	Member, UH School of Public Health Alumni Association
1989 – 1999	Member, E Ola Mau, Native Hawaiian Health Professionals
1991 – 2005	Board of Directors, Ke Ola Mamo, Native Hawaiian Health Care System, O'ahu Island
1992 –	Life Member, Hawaiian Civic Club of Honolulu
1992 – 2010	Professional Member, American Diabetes Association
2000 – 2010	Member, American Public Health Association
2001 –	Life Member, Friend of the Society, Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)
2004 –	Professional Member, American Association for the Advancement of Science (AAAS)
2005 – 2009	Session Co-Chair, Social and Behavioral Sciences, Annual Biomedical Research Conference for Minority Students (ABRCMS) Annual Conference
2007	Panel Reviewer, National Science Foundation, CCLI Program
2008 –	Life Member, Hawaii Academy of Science
2008 – 2009	eMentor, MentorNet, Email-based mentoring program for students in STEM disciplines
2009	Stage 1 Reviewer, National Institutes of Health, Challenge Grants
2010	Peer Reviewer, National Science Foundation
2010	Stage 1 Reviewer, National Institutes of Health, ARRA Grants
2010 –	Life Member, University of Hawai'i Alumni Association
2012	Abstract Peer Reviewer, EcoHealth 2012: Sustaining Ecosystems, Supporting Health, October 15-18, 2012, Kunming, China.
2013 –	Collaborating Initiative, U.S. Fish and Wildlife Services (USFWS), Pearl Harbor National Wildlife Refuge (PHNWR), Kalaeloa Unit, Kapolei, HI. Capacity-building curriculum in 'aina-based geosciences and education. Annually coordinates/hosts (~5) site visits and community service day activities at Kalaeloa Wildlife Refuge

- 2014 USFWS Summer Faculty Fellowship, 6-week internship at the PHNWR, Kalaeloa Unit. Community outreach and educational activities in conservation biology, habitat restoration and Hawaiian ecological knowledge. Created a conservation & FWS recruitment video: (<http://youtu.be/ITteFVIIbBY>).
- 2014 – 2015 Judge, Campbell High School Science Fair, December, Ewa, HI
- 2016 – 2019 Advisory Board, Kikaha STEM Project, NSF, TCUP Grant, U Hawai'i, West O'ahu
- 2016 – 2019 Mentor, American Indian Science and Engineering Society (AISES) Chapter, UHM
- 2016 Staff Volunteer, IUCN 24<sup>th</sup> Congress, Hawai'i Convention Center, Honolulu, HI
- 2016 Opening Protocol, Association of University Technology Managers (AUTM) 2016 Western Regional Meeting, Honolulu, HI
- 2016 Advisor/Host, 4-day visit of Nobel Laureate Dr. Martin Chalfie, Columbia University, NY, ('Ilima SACNAS Chapter, PBRC, JABSOM, UHM, Chaminade University of Honolulu)
- 2017 Exhibitor, Malama Honua Student Fair and Summit, Hawai'i Convention Center
- 2017 Exhibitor, Halau 'Ike O Pu'uloa Internship Workshop, Leeward Community College
- 2017 – 2019 Exhibitor, 'La Puko'a, UH Native Hawaiian-Serving Programs, Hawai'i State Capitol
- 2017 – 2019 PBRC Exhibitor, Hawai'i Conservation Alliances Conference, Hawai'i Convention Center
- 2018 – Member, Steering Committee, NSF Bridges to Baccalaureate: Strategic Transfer Alliance for Minority Participation (B2B: STAMP)
- 2018 – 2019 Chair, Hawai'i Local Organizing Committee, 2019 SACNAS National Diversity in STEM Conference, Hawai'i Convention Center, Honolulu, HI (Largest registrants in SACNAS history, 5,100)
- 2018 – Member, Advisory Committee to the NIH Director-Working Group on Diversity

### **EXTRAMURAL EXPERIENCES**

- 1993, 1994 Graduate Summer Program in Epidemiology, The Johns Hopkins School of Hygiene and Public Health, Baltimore, Maryland, June 21 - July 9, 1993 (6 graduate course credits); June 20 - July 8, 1994 (5 graduate course credits).
- 2000 University of Michigan Graduate Summer Session in Epidemiology, Ann Arbor, Michigan, July 10-28, 2000 (5 graduate course credits).

### **HONORS and AWARDS**

- 1975 – 76; 1977 – 81 UH Women's Athletic Scholarships
- 1976 – 1977 BEOG Scholarship
- 1981 SPH Traineeship
- 1987 Outstanding Young Women of America
- 1987 Collective Bargaining Pay Adjustment with Special Adjustment per UHPA agreement, Article 19, Merit Award.
- 1994, 1998 UH Faculty Travel Award for Research and Training
- 1994 Travel Grant Award to present an abstract at the 15th International Diabetes Federation Congress, Nov. 6-11, 1994, Kobe, Japan
- 1997 Service contract award in partial support of a study of the practices of traditional Hawaiian healers, Papa Ola Lokahi (POL), Inc., Honolulu, HI
- 1998 Invited participant, "Immunogenetics of Inherited Diseases: Diabetes, and Environmental Irritants and Asthma Workshop," May 13-16, 1998, Ponce, Puerto Rico.
- 1998 Invited participant in the Asian Pacific Diabetes Epidemiology Course, July 10-20, 1998, Seoul, Korea.
- 1999 Invited participant (POL) at the HMO Research Network Conference, March 3-6, 1999, Kahuku, Hawai'i.
- 1999 – 2004 Native Hawaiian Leadership Project Travel Award
- 1999 Invited speaker of the Subcommittee on Cardiovascular Seminars, American Heart Association 72<sup>nd</sup> Scientific Sessions, November 7-10, 1999, Atlanta, Georgia.
- 2000 – 2003; 2005 UH Faculty Travel Award for Research and Training
- 2001 Invited facilitator in the 2<sup>nd</sup> Asian Pacific Diabetes Epidemiology Course, October 27-November 4, 2001, Hong Kong
- 2003 Invited Institute Participant of the Cancer, Control, and Literacy Program, Moffitt Cancer Institute, University of Southern Florida, January 4-9, 2003, Tampa, FL

2003 – 2008; Elected to the national Society for the Advancement of Chicanos and Native Americans in Science, Board of Directors

2003 – 2010 Invited Participant, Network of Minority Research Investigators Workshop, NIDDK, National Institutes of Health, Spring Workshop, Bethesda, MD

2003 – 2007 International Peer Review Editorial Board, *EcoHealth*

2004 Collective Bargaining Pay Adjustment per UHPA agreement, Article 19, Merit Award.

2004 Invited Faculty Mentor, Inter-Cultural Cancer Symposia, Washington, D.C.

2005 Organized the 2<sup>nd</sup> Annual NIDDK, NIH STEP UP Undergraduate Research Conference, August 4-5, 2005, Honolulu, HI

2005 Invited Speaker at the 2005 Congress of the ASEAN Federation of Endocrine Societies, December 7-10, 2005, Manila, Philippines

2006 Kaulele Project Faculty Travel Award and NHLBI Travel Grant to present an oral abstract at the 10<sup>th</sup> Symposium of the International Diabetes Epidemiology Group (IDEG), November 30 to December 3, 2006, Stellenbosch, South Africa, and attend the 19<sup>th</sup> World Diabetes Congress, December 3-7, 2006, Cape Town, South Africa

2007 Invited Guest Editor of a Special Issue of *EcoHealth*, “Indigenous Perspectives on Ecosystem Health”

2007 Invited Keynote Speaker, “Overcoming the Pitfalls of the Professoriate to Thrive in Productive Careers” and panel presenter, “Women of Color in Academia” at the 14<sup>th</sup> Annual Institute on Teaching and Mentoring, October 25-28, 2007, Arlington, Virginia.

2007 – 2008 Appointed to the Governor’s Tobacco Prevention and Control Advisory Board, Department of Health, Honolulu, HI

2008 – Editorial Advisory Board, *EcoHealth* Journal

2008 Survival Skills Travel Award and Kualii Council NHSS Travel Support to attend the 14<sup>th</sup> Annual Conference on Teaching Survival Skills and Ethics, June 8-13, 2008, Snowmass, Colorado

2008 Co-Chair, and Local Organizer of the 5th Annual NIDDK, NIH STEP UP Undergraduate Research Conference, August 10-11, 2008, Honolulu, HI

2009 Invited Participant, Leadership Institute, sponsored by the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) and American Association for the Advancement of Science (AAAS), July 28-August 1, 2009, Washington, D.C.

2009 Invited Participant, PAESMEM-AAAS Women’s Leadership Workshop, October 1-2, 2009, Washington, D.C.

2009 Recipient of the 2009 Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) Presidential Service Award

2012 – Invited Editorial Peer Review Board Member of the Journal of the ASEAN Federation of Endocrine Societies (JAFES)

2012 Invited Participant, Network of Minority Research Investigators Workshop, NIDDK, National Institutes of Health, Spring Workshop, Bethesda, MD

2014 Alumnae Honoree, Saint Francis School, September 20, 2014, Honolulu, HI

2015 Advisor, ‘Ilima SACNAS Chapter at UH, Chapter of the Year, Large Institution, 2015 SACNAS National Conference, October 29-31, 2015, Washington, DC

2015 SACNAS Distinguished Student Mentor Award Recipient, 2015 SACNAS National Conference, October 29-31, 2015, Washington, DC

2017 Salary Adjustment, Alignment with SOEST Faculty Scale

2017 – 2019 Elected to the national Society for the Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS), Board of Directors. Community of 25,000+ Supporters; 6,000 Members; 115 Student & Professional Chapters.

2018 – 2019 Chair, SACNAS 2019 National Diversity in STEM (NDiSTEM) Conference, October 31, - November 2, 2019, Honolulu, HI

## SUBMITTED GRANT PROPOSALS

Bruno (PI)

2-01-22 – 1-31-24

Co-PIs: Chang, H, Nguyen, TTT, Small Griswold, J, Zhu, F.

NSF/ADVANCE Catalyst

The advancement of na wāhine (womxn) and their intersectional experiences as STEM professionals at the University of Hawai'i at Mānoa

The goal is a campus self-assessment to understand the professional and intersectional experiences of STEM na wāhine (womxn) faculty, and laying the groundwork for an institutional transformation strategy in diversity and gender equity.

## COMPLETED GRANT AWARDS

DGE05-49514 (Bruce Wilcox) Kaneshiro (PI)

8-01-06 – 11-30-13

Mentor/Recruitment Coordinator: Chang, H

NSF/IGERT

IGERT: Integrating Ecology, Conservation, and Pathogen Biology.

The goal of the Integrative Graduate Education and Research Traineeship (IGERT) program is to train PhD scientists and increase the participation of underrepresented minority groups in doctoral programs.

Role: Recruitment and Retention Coordinator

Chang (PI)

12-01-08 – 11-30-10

Novo Nordisk Inc.

Native Hawaiian Diabetes Demonstration Project: Patient-Centric Diabetes Care in a Rural Setting

The goal is to improve diabetes care through a patient-centric web-based diabetes program that promotes a team approach to diabetes care.

1 R25 DK067024-05 Chang (PI)

09-30-03 – 07-31-10

NIDDK, NIH

Pacific Region Diabetes Education (PRIDE) Program

The goal is to expose high school and undergraduate students to the exciting discovery of scientific inquiry early in their academic training to increase the likelihood they choose to pursue a biomedical career path.

DGE05-49514 Kaneshiro (PI)

8-01-06 – 7-31-11

NSF/IGERT

IGERT: Integrating Ecology, Conservation, and Pathogen Biology.

The goal of the Integrative Graduate Education and Research Traineeship (IGERT) program is to train PhD scientists and increase the participation of underrepresented minority groups in doctoral programs.

Role: Recruitment and Retention Coordinator

2 T34 GM007684-26 Chang (PI)

06-01-03 – 05-31-09

NIGMS/NIH

MARC U\*STAR Program

The goal is to increase the number of minority students who are prepared to compete for entry into graduate research programs leading to the PhD degree and careers in biomedical sciences.

1 R25 GM56930-07 Chang (PI)

05-01-02 – 04-30-07

NIGMS/NIH

Haumana Biomedical Program (MBRS-IMSD)

The major goal of this program is to provide ethnic minority students with high quality laboratory experiences in the biomedical and health science fields. The program objective is to increase the number of ethnic minority students who choose to pursue the PhD degree and careers in the biomedical fields.

1 UH1HL073449-02 Easa (Shohet) (PI)

09-30-04 – 08-31-06

NHLBI/NIH

Subproject Investigator (Chang)

University of Hawaii Scientist Award in Molecular Cardiology

The major goal is to enhance the capacity to conduct research in cardiovascular health by recruiting a molecular cardiologist to the University of Hawai'i, School of Medicine.

U01-CA86105-03      Chang (PI)      10-01-02 - 09-30-03

NCI/NIH, Papa Ola Lokahi, Imi Hale  
Pilot study      Chang (PI)

Developing a program to decrease tobacco use: Kohala Health Research-Smoking Cessation

The major goal of this study is to identify culturally relevant strategies to help reduce rates of cigarette smoking among Native Hawaiians

Subcontract      Grandinetti (PD)      08-01-02 - 12-31-03

NIH/NCCAM (subproject)      Chang (Co-PI)

Effects of the TM technique on Cardiovascular Disease in Native Hawaiians: A Pilot Study.

The goal of this pilot project is to investigate the effectiveness of the Transcendental Meditation program compared to a health education control program in the secondary prevention of atherosclerotic CVD in native Hawaiians by conducting a randomized, single blind, controlled, community-based trial.

1 R25 GM56930-04      Chang (PI)      05-01-98 - 04-30-02

NIGMS/NIH

Haumana Biomedical Program (MBRS-IMSD)

RR/AI03061-16      Cadman (PI)

09-01-96 – 08-31-02

RCMI/NCRR/NIH

Selective Excellence in Health Related Research: Activity 4 - Multi-Ethnic Health Research

Activity 4 Director      Chang (co-PI)

The goal of this project is to conduct rigorous clinical and epidemiologic studies of risk factors for cardiovascular disease, diabetes mellitus, and more specifically, insulin resistance syndrome among a multi-ethnic population in North Kohala, Hawai'i.

### **PUBLICATIONS / IN PRESS / SUBMITTED**

Siegel SM, Chen J, Kottenmeir W, Clark K, Siegel BZ, Chang HK. Reduction in peroxidase in *Cucumis Braffica*, and other seedlings cultured in saline waters. *Phytochemistry*, 1982;21(3):539-542.

Kottenmeir W, Chang HK, Siegel SM, Siegel BZ. Stimulation on growth in Papaya and other plants by dilute salt solutions. *Water, Air and Soil Pollution*, 1983;20:447-450.

Chang HK, Siegel BZ, Siegel SM. Salinity-induced changes in isoperoxidases in *Taro*, *Colocasia esculenta*. *Phytochemistry*, 1984;23(2):233-235.

Greenwood, FC, Chang H. Minorities in Science -The Dialog. *Science*, 1993;259(5098):1105-1106.

NHHR Consortium. Diabetes mellitus and heart disease risk factors in Hawaiians; The Native Hawaiian Health Research (NHHR) Project. *Hawai'i Medical Journal*, 1994;53:340-343,364.

Mau MK, Grandinetti A, Arakaki RF, Chang HK, Curb JD. Insulin resistance syndrome in native Hawaiians; The Native Hawaiian Health Research (NHHR) Project. *Diabetes Care*, 1997;20:1376-1380.

Grandinetti A, Chang HK, Mau MK, Curb JD, Kinney EK, Sagum R, Arakaki RF. Prevalence of glucose intolerance among native Hawaiians in two rural communities. *Diabetes Care*, 1998;21:549-554.

Kaholokula JK, Grandinetti A, Crabbe KM, Chang HK, Kenui CK. Depressive symptoms and cigarette smoking among native Hawaiians. *Asia-Pacific Journal of Public Health*, 1999; 11(2): 60-64.

Lu Y, Nerurkar VR, Dashwood WM, Woodward CL, Ablan S, Shikuma CM, Grandinetti A, Chang H, Nguyen HT, Wu Z, Yamamura Y, Boto WO, Merriwether A, Kurata T, Detels R, Yanagihara R. Genotype and allele frequency of a

32-base pair deletion mutation in the CCR5 gene in various ethnic groups: absence of mutation among Asians and Pacific Islanders. *Int J Infect Dis*, 1999;3(4):186-91.

Grandinetti A, Chang HK, Chen R, Fujimoto W, Rodriguez B, Curb JD. Prevalence of overweight and central adiposity is associated with percentage of indigenous ancestry among native Hawaiians. *Int J Obesity*, 1999;23:733-737.

Chang HK. Malama Ola Hawai'i (Hawaiian Health Care): An Assessment of Hawaiian Healing Strategies. Unpublished dissertation, University of Hawai'i at Mānoa, Honolulu. 1999.

Grandinetti A, Kaholokula JK, Chang HK. Delineating the relationship between stress, depressive symptoms, and glucose intolerance. [Letter] *Diabetes Care*, 2000;23(9):1443-44.

Grandinetti A, Kaholokula JK, Crabbe KM, Kenui CK, Chen R, Chang HK. Relationship between depressive symptoms and diabetes among native Hawaiians. *Psychoneuroendocrinology*, 2000;25:239-246.

Chang HK. Hawaiian health practitioners in contemporary society. *Pacific Health Dialog*, 2001, 8(2):260-273.

Therault A, Agdinaoay T, Baker Ladao N, Chang H, Grandinetti A. Clinical evaluation of a new non-isotopic leptin immunoassay. *Clin. Lab. Sci.*, 2001;14(1):6-8.

Grandinetti A, Kaholokula JK, Chang HK, Chen R, Yano K, Rodriguez BL, Melish JS, Curb JD. Relationship between plasma glucose concentrations and Native Hawaiian ancestry: The Native Hawaiian Health Research Project. *Int J Obesity Relat Metab Disord*, 2002, 26(6):778-782.

Yee WL, Wang Q, Agdinaoay T, Dang K, Chang H, Grandinetti A, Franke AA, Therault A. Green tea catechins decreases apolipoprotein B-100 secretion from HepG2 cells. *Molecular and Cell Biochem*, 2002;229:85-92.

Grandinetti A, Chen R, Yano K, Rodriguez B, Kaholokula, JK, Chang HK, Curb JD. Blood pressure is associated with degree of Hawaiian ancestry, independent of obesity. *Ethnicity and Disease*, 2002;12:221-8.

Kaholokula JK, Haynes SN, Grandinetti A, Chang, H. Biological, psychosocial, and sociodemographic variables associated with depressive symptoms in person with type 2 diabetes. *J Behav Med*, 2003, 26(5):435-458.

Grandinetti A, Seifried S, D, Mor J, Chang HK, Therault A. Prevalence and risk factors for prolonged QTc in multiethnic cohort in rural Hawai'i. *Clin Biochem*, 2005;38:116-122.

Vinetz JM, Wilcox BA, Aguirre A, Gollin L, Katz A, Fujioka R, Maly K, Horwitz P, Chang H, Watt G. Beyond disciplinary boundaries: Development of novel methodologies to study leptospirosis as a transdisciplinary model of understanding infectious disease emergence *EcoHealth*, 2005, 2:291-306.

Grandinetti A, Therault A, Mor J, Chang HK. Metabolic syndrome in a multi-ethnic population in rural Hawai'i. *Ethnicity and Disease*, 2005, 15(2):233-237.

Kaholokula JK, Braun K, Kanaiaupuni S, Grandinetti A, Chang HK. Ethnic-by-gender differences in cigarette smoking among Asian and Pacific Islanders. *Nicotine Tobacco Res*, 2006;8(2):275-286.

Araneta MRG, Morton DJ, Lantion-Ang L, Grandinetti A, Lim-Abraham MA, Chang H, Barrett-Connor E, Rodriguez BL, Wingard DL. Hyperglycemia and type 2 diabetes among Filipino women in the Philippines, Hawai'i, and San Diego. *Diabetes Res Clinical Practice*, 2006, 71:306-312.

Kaholokula JK, Nacapoy A, Grandinetti A, Chang HK. Association between acculturation modes and type 2 diabetes among Native Hawaiians. (Brief Report): *Diabetes Care*, 2008;31:4:698-700.

Kaholokula JK, Braun KL, Santos JI, Chang HK. Culturally-Informed Smoking Cessation Strategies for Native Hawaiians. *Nicotine & Tobacco Research*, 2008;8(4):671-681.

Araneta MRG, Grandinetti A, Chang H. A1C and diabetes diagnosis among Filipino Americans, Japanese Americans, and Native Hawaiians. *Diabetes Care*, 2010;33(12):2626-2628.

Araneta MRG, Kanaya AM, Hsu WC, Chang HK, Grandinetti A, Boyko EJ, Hayashi T, Kahn SE, Leonetti DL, McNeely MJ, Onishi Y, Sato KK, Fujimoto WY. Optimum BMI cut points to screen Asian Americans for type 2 diabetes. *Diabetes Care*, 2015;38(12):814-820.

#### **PUBLISHED ABSTRACTS / PROCEEDINGS\***

Chang HK, Curb JD, Arakaki RF. Native Hawaiian Health Research (NHHR) Project, Concept Paper. Proceedings\*, Symposium on Diabetes in Minority Populations, UHM, November 1991, Honolulu, HI.

Chang HK, Mau MK, Grandinetti A, Crabbe MK, Patrick SL, Huang B, Chyou PH, Arakaki RF, Kinney EK, Curb JD. Initial results on glucose intolerance and cardiovascular disease risk factors in native Hawaiians; The Native Hawaiian Health Research (NHHR) Project. Abstract, Na Liko Na'auao Conference Proceedings\*, NIH, MBRS, Chaminade University of Honolulu. July 30, 1994, Waianae, HI.

Chang HK, Mau MK, Grandinetti A, Crabbe MK, Patrick SL, Huang B, Chyou P, Arakaki RF, Kinney EK, Curb JD. Glucose intolerance and associated risk factors in rural native Hawaiians (NHs); The Native Hawaiian Health Research Project. 15th International Diabetes Federation (IDF) Congress, Kobe, Japan. November 6-11, 1994. Abstract, *Diabetologia*, 1994;37(S1):0086.

Mau MK, Grandinetti A, Arakaki RF, Baker Ladao NK, Chang HK, Curb JD. Diabetes mellitus and the insulin resistance syndrome in native Hawaiians; The Native Hawaiian Health Research (NHHR) Project. American Diabetes Association 55th Annual Scientific Meetings and Sessions, Atlanta, GA. June 10-13, 1995. Abstract, *Diabetes*, 1995;44(S1):174A.

Barinas-Mitchell E, Chang HK, Grandinetti A, Li KL, Wu X, Zun-Yong L. Autoimmunity in diabetes. Second Japan-U.S. Diabetes Epidemiology Training Course, Student Projects, Proceedings\*, Japan Diabetes Foundation. 1996;5:81-85.

Mau MK, Grandinetti A, Arakaki RF, Chang HK, Curb JD, NHHR Consortium. Association of behavioral risk factors and glucose intolerance in native Hawaiians. American Diabetes Association 57th Annual Scientific Meetings and Sessions, Boston, MA. June 21-24, 1997. Abstract, *Diabetes*, 1997;46(S1):142A.

Chang HK, Grandinetti A, Curb JD, Mau MK, Kinney EK, Arakaki RF, NHHR Consortium. Associations of physical activity with glucose intolerance among native Hawaiians in North Kohala, Hawai'i. 16th International Diabetes Federation Congress, Helsinki, Finland. July 20-25, 1997. Abstract, *Diabetologia*, 1997;40(S1):A206.

Chang HK, Grandinetti A, Chen R, Curb JD, Rodriguez BL, Melish JS. Insulin resistance and beta-cell function among Native Hawaiians: A HOMA Model analysis. American Diabetes Association. Abstract *Diabetes* 1998;47(S1):A152.

Grandinetti A, Chang HK, Chen R, Curb JD, Rodriguez BL, Melish JS. Ethnic admixture is associated with insulin resistance among Native Hawaiians. Society for Epidemiological Research. Abstract, *Am J Epidemiol* 1998;147:S72.

Chang HK. Diabetes among Native Hawaiians. Popper Sessions, Proceedings\*, The First Asia-Pacific Diabetes Epidemiology Training Course, July 10-19, 1998, Yong-In, Korea. Korean Diabetes Association Publication;3:169-70.

Chang HK, Kawamura T, Park JH, Kim DJ, Chang TJ, Chen SH, Noda M. Epidemiology of Insulin Resistance Among Four Asian Populations. Student Projects, Proceedings\*, The First Asia-Pacific Diabetes Epidemiology Training Course, July 10-19, 1998, Yong-In, Korea. Korean Diabetes Association Publication;3:199-202.



Chen R, Chang HK, Grandinetti A, Yano K, Rodriguez B, Curb JD. Hypertension in Native Hawaiians: is it related to genetic factors? American Heart Association 71<sup>st</sup> Scientific Sessions, November 8-11, 1998, Dallas, TX. Abstract, *Circulation*, 1998;98(S1):I-85.

Grandinetti A, Chen R, Chang HK, Yano K, Rodriguez BL, Melish JS, Curb JD. Insulin resistance is associated with increased QTc interval duration among native Hawaiians. American Diabetes Association 59<sup>th</sup> Scientific Sessions, June 19-22, 1999, San Diego, CA. Abstract, *Diabetes*, May 1999;48(S1):A166.

Theriault A, Agdinaoay T, Baker Ladao N, Chang HK, Grandinetti A. Evaluation of a non-isotopic human leptin ELISA in a clinical research laboratory. American Association for Clinical Chemistry's 51<sup>st</sup> Annual Meeting & Clinical Laboratory Expo, July 25-29, 1999, New Orleans, LA. Abstract, *Clinical Chemistry Supplement*, 1999;45,6:337.

Grandinetti A, Chang HK, Ge L, Rodriguez B, Melish JS, Curb JD. The association between type 2 diabetes and BMI interacts with ethnicity among a multi-ethnic population in Hawai'i. American Diabetes Association, 60<sup>th</sup> Scientific Sessions, June 9-13, 2000, San Antonio, Texas, Abstract, *Diabetes*, 2000;49 (S1):A181.

Chang HK, Grandinetti A, Lan G, Rodriguez BL, Melish JS, Curb JD. Cross-cultural comparisons of ideal body type among a multi-ethnic population in Hawaii. American Diabetes Association, 60<sup>th</sup> Scientific Sessions, June 9-13, 2000, San Antonio, Texas, Abstract, *Diabetes* 2000;49(S1):A182.

Theriault A, Yee W, Wang Q, Agdinaoay T, Franke AA, Chang H, Grandinetti A, Adeli K. Effects of green tea catechins on cholesterol and apolipoprotein B production in human hepatocytes. Abstract, *Clin. Chem.* 2000: 46; A104.

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## **PRESENTATIONS**

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Chang HK. Integrating research and community needs; The Native Hawaiian Health Research Project. Panelist, The First Biennial Native Hawaiian Research Conference, Papa Ola Lokahi, Kamehameha Schools, July 29, 1994, Honolulu, HI.

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Chang HK. Cardiovascular disease risk factors among native Hawaiians: The native Hawaiian Health Research Program. Panelist, American Heart Association 72<sup>nd</sup> Scientific Sessions, November 7-10, 1999, Atlanta, GA.

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Chang, HK. Community-Based Health Research and How to Become a Bio-Scientist at UHM. Oral Session, Ho'oulu Project presents Leeward Community College – Distinguished Cultural Speakers Series, February 15, 2005, Pearl City, HI.

Kaholokula, JK, Braun, K, Kanaiaupuni, S, Grandinetti, A, Chang, HK. Ethnic by gender differences in cigarette smoking among Asian and Pacific Islanders. Abstract, Global Public Health Conference, June 8-10, 2005, Honolulu, HI.

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Chang, HK, Theriault, A, Grandinetti, A. Metabolic Syndrome Among Filipinos Living in Hawai'i. Invited Speaker at the 2005 Congress of the ASEAN Federation of Endocrine Societies, December 7-10, 2005, Manila, Philippines.

Santos, J., Chang, H, Kaholokula, JK. Designing a smoking cessation program for Native Hawaiians. Abstract, John A. Burns School of Medicine Biomedical Sciences Symposium, April 25, 2006, Honolulu, HI.

Chang, HK. Linking the Health of the Land and Health of the People: Lessons from Hawaiian *Ahupua'a*. Panel Presenter, EcoHealth One Conference, Forging Collaboration Between Ecology and Health, October 6-10, 2006, Madison, WI.

Wilcox, B, Chang, HK, Bennett, S, Kaplan, D. NSF Integrative Graduate Education and Research Traineeship (IGERT) Programs on Coupled Human-Natural Systems and Disease Ecology. Panel Presenter, EcoHealth One Conference, Forging Collaboration Between Ecology and Health, October 6-10, 2006, Madison, WI.

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Chang, HK. Indigenous Knowledge and Experience of the Local Ecosystem. Panelist: Public Health and Wellbeing: The Coral Reef Health Connection. Marine Conservation and Health: Science, Policy and Coral Reef Ecosystems in the Asia-Pacific. Hawai'i Imin International Conference Center, March 8-9, 2007, Honolulu, HI.

Chang, HK. Overcoming the Pitfalls of the Professoriate to Thrive in Productive Careers. Keynote Speaker at the 14<sup>th</sup> Annual Institute on Teaching and Mentoring, October 25-28, 2007, Arlington, Virginia.

Chang, HK. Women of Color in Academia. Panel Presenter at the 14<sup>th</sup> Annual Institute on Teaching and Mentoring, October 25-28, 2007, Arlington, Virginia.

Chang, HK. Health disparities in an ethnically diverse cohort in rural Hawai'i. Pacific Biosciences Research Center Symposium on Biodiversity, Keoni Auditorium Hawai'i Imin Conference Center - East-West Center, May 9, 2008, Honolulu, HI.

Chang HK, Humphry J, Kahana M, Andrade L, Bursell S-E. Native Hawaiian Diabetes Demonstration Project: Patient-Centric Diabetes Care. 5<sup>th</sup> Annual Diabetes Coalition Meeting, Japanese Cultural Center, March 19, 2009, Honolulu, HI.

Humphry J, Bursell S-E, Chang HK, Peters D. Longitudinal Health: Virtual Lifetime Electronic Record. 2<sup>nd</sup> International mHealth Networking Conference, Town and Country Resort Hotel, September 8-9, 2010, San Diego, CA.

Aguilera R, Chang H, Gutierrez C. How to prepare a professional CV/personal statement for positions in academia. 2013 SACNAS National Conference, Henry B. Gonzalez Convention Center, October 3-6, 2013, San Antonio, TX.

Chang HK. Opportunities in Conservation Biology and Habitat Restoration at the US Fish and Wildlife Service, Pearl Harbor National Wildlife Refuge, Kalaeloa Unit. Math Program, University of Hawai'i, West O'ahu campus, December 5, 2014, Kapolei, HI.

Spies N, Shelton A, Chang H. Engaging your community in your science. 2015 SACNAS National Conference, Gaylord National Resort and Convention Center, October 29-31, 2015, Washington, DC.

Chang, HK. Careers in Biomedical Sciences and UH Graduate School Opportunities. Halau 'Ike O Pu'uloa, Native Hawaiian and Pacific Islanders Student Support Center, University of Hawai'i, Leeward Community College, December 2, 2015, Pearl City, HI.