

CURRICULUM VITAE

Name: Todd Blake Seto

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Education:

B.A. (English)	Amherst College
M.D.	University of Hawaii School of Medicine
M.P.H. (Clinical Effectiveness)	Harvard School of Public Health

Postdoctoral Training:

Internship and Residency:

1991-92	Intern in Medicine, Beth Israel Hospital and Harvard Medical School, Boston, MA
1992-93	Junior Assistant Resident in Medicine (Primary care track), Beth Israel Hospital and Harvard Medical School, Boston, MA
1993-94	Senior Assistant Resident in Medicine (Primary care track), Beth Israel Hospital and Harvard Medical School, Boston, MA

Fellowships:

1994-96	Faculty Development and Fellowship Program in General Internal Medicine, West Roxbury VAMC and Harvard Medical School, Boston, MA
1996-99	Cardiovascular Disease, Beth Israel Hospital and Harvard Medical School, Boston, MA

Academic Appointments:

1994-98	Clinical Fellow in Medicine, Harvard Medical School, Boston, MA
1999	Instructor of Medicine, Harvard Medical School, Boston, MA
2000	Associate Professor of Medicine, John A. Burns School of Medicine, University of Hawaii, Honolulu, HI

Work Experience:

1994-1996	Attending physician, West Roxbury VAMC ambulatory care group, West Roxbury, MA
1998-99	Economic and Quality of Life Group, Cardiovascular Data Analysis Center, Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, MA.
1999-present	Non-invasive cardiology, The Queen's Medical Center, Honolulu, HI
1999-2018	Medical Director, Center for Outcomes Research and Evaluation, The Queen's Medical Center, Honolulu, HI.
2002-present	Attending cardiologist, the Queen Emma Clinics

2003-2005	Medical Director, Echocardiography Laboratory, The Queen's Medical Center, Honolulu, HI
2005-2016	Medical Director, Non-Invasive Cardiology Laboratory, The Queen's Medical Center, Honolulu, HI
2007-2008	Interim Director, Clinical Research, The Queen's Medical Center, Honolulu, HI
2009-2018	Medical Director, Clinical Trial Office, The Queen's Medical Center, Honolulu, HI
2016-2018	Interim Director, Office of Research Development, The Queen's Medical Center
2018-	Director, Academic Affairs and Research, The Queen's Medical Center

Licensure and Certification:

1991	Massachusetts Medical License
1994	American Board of Internal Medicine, Diplomate in Internal Medicine
1999	Hawaii Medical License
1999	National Board of Echocardiography, Testamur, American Society of Echocardiography examination of special competence in echocardiography
1999, 2009	American Board of Internal Medicine, Diplomate in Cardiovascular Disease
2001, 2011	National Board of Echocardiography, Diplomate in Adult Comprehensive Echocardiography
2001	Fellow, American College of Cardiology
2002	Fellow, American Society of Echocardiography
2014	American Society of Hypertension, Hypertension Specialist

Awards and Honors:

1987	John Woodruff Simpson Scholarship, Amherst College
1989, 1990	University of Hawaii Pacific-Asian Award
1991	Ishiyaku EuroAmerica, Inc. Prize
1991	University of Hawaii School of Medicine Award
1991	Alpha Omega Alpha Honor Medical Society
1995	Finalist, American College of Physicians Poster Contest
1997-99	Parke-Davis Fellow in Preventive Cardiology
1999	George and Harriet Altman Award in Cardiology, Beth Israel Deaconess Medical Center
2017	Hospital-based Physician of the Year, The Queen's Medical Center

Societies:

1991	Alpha Omega Alpha Honor Medical Society
1991	Massachusetts Medical Society
1993	Society of General Internal Medicine
1994	Associate, American College of Physicians
1994	American Medical Association
1998	American College of Cardiology
1999	American Society of Echocardiography
2014	American Society of Hypertension

Committee Assignments:

Local:

1994-96 Research Committee, Roxbury Heart Center, Boston, MA
1998-99 Working Group on New Program and Program Development,
Beth Israel Deaconess Medical Center, Boston, MA
1998-99 Post-Myocardial Infarction Secondary Prevention Project, Massachusetts
Peer Review Organization (MassPRO), Boston, MA
1999-2004 Cardiovascular Risk Management Physician Advisory Committee,
Hawaii Medical Service Association
2000-2001 Medical Informatics Subcommittee,
The Queen's Medical Center, Honolulu, HI
2000-2001 Infection Control Subcommittee,
The Queen's Medical Center, Honolulu, HI
2000-2002 Utilization Management Committee,
The Queen's Medical Center, Honolulu, HI
2000-2004 Medication and Nutrition Committee
The Queen's Medical Center, Honolulu, HI
2000-2001 Hawaii American Heart Association, Board of Directors
2000-2004 Oversight Committee, The Queen's Medical Center / JABSOM
2000-2005 Hawaii Outcomes Institute, Board of Directors (Vice Chair)
2000-present Continuing Medical Education Committee (Chair)
The Queen's Medical Center, Honolulu, HI
2000-2005 Hawaii Outcomes Institute, Research Subcommittee (Chair)
2002-2008 Hawaii Community Foundation, Scientific Advisory Committee
2005-12 RCMI Clinical Research Advisory Committee
John A. Burns School of Medicine, University of Hawaii
2006-2008 Medical Executive Committee, The Queen's Medical Center, Honolulu, HI
2007-2013 Quality and Patient Safety Committee, Board of Trustees
The Queen's Medical Center, Honolulu, HI
2007-present Board of Directors, Hawaii Health Information Corporation
2007-11 HMSA Cardiovascular Advisory Panel
2008-present Research Centers in Minority Institutions Translational Research Network,
Cardiovascular and Related Diseases
2017- Co-Chair, Cardiovascular Accountable Management, The Queen's Medical
Center
2017- Quality Committee, Hospital Association of Hawaii
2018- Co-Chair, ACGME Quality Committee, University of Hawaii

National:

1994-96 AIDS Task Force, Society of General Internal Medicine
2001 Get With the Guidelines Scientific Advisory Panel, American Heart
Association
2001-05 Advocacy Committee, American Society of Echocardiography
2001 American Heart Association Pharmaceutical Roundtable Outcomes Research
Program Peer Review Committee
2005 American Heart Association Pharmaceutical Roundtable Research Peer
Review Committee
2006 American Heart Association Pharmaceutical Roundtable Research Peer
Review Committee

2007	Study section reviewer, National Center for Complementary, and Alternative Medicine, NIH
2008	American Heart Association Outcome Research Center Peer Review Committee
2009	Study section reviewer, National Heart, Lung and Blood Institute, NIH
2010	Study section reviewer, NHLBI Centers for Cardiovascular Outcomes Research (RFA-HL-10-008), National Heart, Lung and Blood Institute, NIH
2014	Advisory Board, Expanding National Capacity in PCOR through Training (ENACT) Program, University of Pittsburgh
2017	Study section reviewer, National Center Minority and Minority Health Disparities, NIH
2018	Board of Governors (Hawaii), American College of Cardiology

Editorial Reviewer:

- Annals of Internal Medicine
- American Heart Journal
- Circulation
- Journal of the American College of Cardiology
- Journal of the American Geriatrics Society
- Journal of Racial and Ethnic Health Disparities
- Translational Behavioral Medicine
- Asian American Journal of Psychology
- Asian/Pacific Island Nursing Journal
- Journal of Racial and Ethnic Health Disparities

Self-Reported Teaching:

University of Hawaii Medical School

1988	Neuroanatomy Teaching assistant
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Harvard Medical School

1991-1994	Advise third and fourth year medical students during their internal medicine rotations.
1994-1996	Resident Preceptor, Ambulatory Care Clinic, West Roxbury VAMC. Attending responsible for the ambulatory care practice of 5 internal medicine residents.
1996-1999	Cardiology preceptor. Precept 3 rd and 4 th year medical students during their cardiology rotations.
1995-1999	Patient-Doctor II. Assist second year medical students in H&P and case presentations.
1999	OSCE preceptor for second year medical students.

University of Hawaii John A. Burns School of Medicine

1999-present	Cardiovascular clinical skills preceptor, unit 2 (December – January)
1999	Colloquium (Unit 2) for 1 st year medical students: “Thrombolytic and Surgical Treatment of Ischemic Heart Disease”

1999	Overview of Internal Medicine (medical residents): Managing Congestive Heart Failure
2000	Overview of Internal Medicine (medicine residents): Cardiac Emergencies
2000-2003	Colloquium (Unit 2) for 1 st year medical students: "Acute Myocardial Infarction"
2001	Faculty, Fundamental Critical Care Support Course (Society of Critical Care Medicine), Hilo, HI: Myocardial Ischemia and Infarction
2001	Overview of Internal Medicine (medical residents): Cardiac Emergencies
2001	Faculty, Fundamental Critical Care Support Course (Society of Critical Care Medicine), Honolulu, HI: Myocardial Ischemia and Infarction
2003	1 st year medical student lecture: Complementary and Alternative Medicine
2004	Colloquium (Unit 2) for 1 st year medical students: "Coronary Revascularization"
2004-present	Preceptor for medical residents, Cardiology Clinic at the Queen Emma Clinics, The Queen's Medical Center
2005	Overview of Internal Medicine (medicine residents): Cardiac Stress Testing: Who, What, Where, When, Why and How?
2006	Overview of Internal Medicine (medicine residents): Cardiac Stress Test
2009	Academic Half-Day Pilot: Stress Testing
2017-present	Queen's Advanced Quality Training Program (Course Co-Director)
2017-present	Queen's Summer Research Institute (Course Director)
2019	Queen's Health Systems Research Day (Course Director)

Invited Presentations:

1995	"Cost-Effectiveness of Early Cardioversion Guided by Transesophageal Echocardiography for Hospitalized Patients with Atrial Fibrillation." American College of Cardiology Extended Learning. Atlanta, GA
1996	"Hyperlipidemia and the Prevention of Coronary Artery Disease." Medical grand rounds. Hale Hospital, Haverhill, MA
1997	"Hyperlipidemia, Lipid-Lowering Therapy, and the Risk of Coronary Artery Disease." Medical grand rounds. Hale Hospital, Haverhill, MA
	"Examining Scientific Literature: A Critical Perspective." Merck & Co. Inc. Cardiovascular Health Science meeting. Portland, ME
1998	"Developing a Congestive Heart Failure Disease Management Program." CareGroup Provider Service Network. Boston, MA
1999	"Echocardiography and the Use of Endocarditis Prophylaxis." American Society of Echocardiography Annual Meeting. Washington, DC
	"Improving Hyperlipidemia Therapy in Patients with Recent Myocardial Infarction." Medical Grand Rounds, Jordan Hospital, Salem, MA
	"Assessing Health Outcomes Following Coronary Revascularization" University of Hawaii Medical grand rounds, Honolulu, HI.
2000	Heart Failure: Where We've Been, Where We're Going." Medical Staff Meeting, Wahiawa General Hospital, Honolulu, HI.

- “Managing Congestive Heart Failure in the New Millennium.”
Medical Staff Meeting, Castle Hospital, Honolulu, HI.
- “Managing Congestive Heart Failure in the New Millennium” Medical Staff Meeting, Straub Clinic and Hospital, Honolulu, HI
- “Improving Medical Outcomes: Narrowing the Gap Between Knowledge and Practice.” Medical Staff Meeting, Kona Hospital, Honolulu, HI
- “Glycoprotein Receptor Antagonists in the Acute Coronary Syndrome.”
Medical Staff Meeting, Kona Hospital, Honolulu, HI
- “Grading the Graders: Benchmarks, Report Cards, and the Search for Healthcare Quality.” Medical Grand Rounds, The Queen’s Medical Center Honolulu, HI
- “Heart Disease and Alternative Medicine” Healing in Paradise: Integrating Alternatives in Health (Straub Foundation public meeting)
- 2001 “Cost, Effectiveness, and Accountability: The Role of Echocardiography.” Echo Hawaii 2001, American College of Cardiology
- “Complementary and Alternative Medicine Update” American College of Physicians-American Society of Internal Medicine Hawaii Chapter Annual Meeting
- “(At least) 6 Reasons Why You Should Order a Transesophageal Echocardiogram” Medical Grand Rounds, The Queen’s Medical Center
- 2002 “Six Steps for EKG Evaluation.” American College of Physicians-American Society of Internal Medicine Hawaii Chapter Annual Meeting
- “(At least) 6 Reasons Why You Should Order a Transesophageal Echocardiogram” Medical Grand Rounds, Kaiser Permanente, Hawaii
- 2003 “Six Steps for EKG Evaluation.” American College of Physicians-American Society of Internal Medicine Hawaii Chapter Annual Meeting
- How Do We Treat Acute Myocardial Infarction? Guidelines, JCAHO and the (?) Link to Quality of Care. Medical Grand Rounds. Maui Memorial Medical Center
- “Practical Reviews in Cardiology: The Exercise Stress Test.” Medical Grand Rounds, The Queen’s Medical Center.
- Four Articles That Changed the Practice of Cardiology: 2003. Medical Grand Rounds. The Queen’s Medical Center
- 2004 “Update in Cardiovascular Disease” American College of Physicians-American Society of Internal Medicine Hawaii Chapter Annual Meeting

JNC VII: What Is It and Why Do We Need 7 of Them? Hawaii Pharmacists Association Annual Meeting

“Six Steps for EKG Evaluation.” American College of Physicians-American Society of Internal Medicine Hawaii Chapter Annual Meeting

“Development of a Pre-operative Cardiac Surgery Risk Assessment Tool.” Medical Grand Rounds, University of Hawaii.

“JNC VII: What Is It and Why Do We Need 7 of Them?” Association of Physician Assistants in Cardiovascular Surgery (national summer conference)

“The Model for Improvement: A Method to Adapt, Implement and Spread Change”. American Heart Association Get With The Guidelines Stroke Workshop I, Honolulu, HI

“Congestive Heart Failure and the Primary Care Provider”. Medical Grand Rounds. University of Hawaii.

“2004 in Review: Four Articles That Changed the Practice of Cardiology.” Medical Grand Rounds. The Queen’s Medical Center

“COX-2 Inhibitors: Dead or Alive?” Invited panel discussion. The Queen’s Medical Center.

2005 “What Is Quality Cancer Care? The Management of Breast and Colorectal Cancer in Hawaii.” Medical Grand Rounds. University of Hawaii

“Best Practices in Medicine.” Invited panel discussion at Medical Grand Rounds, The Queen’s Medical Center

“‘Ready-Made,’ Recalibrated, or Internally-derived? Preoperative Cardiac Surgery Risk Models.” Clinical Research Conference, The Queen’s Medical Center

“2005 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen’s Medical Center.

2006 “Can We Measure The Quality of Care? Performance Improvement and Health Services Research” Quality of Care Seminar, John A. Burns School of Medicine University of Hawaii.

“Quality of Care.” Invited discussant, Colloquium on Health, Medicine, Law and Social Policy (John A. Burns School of Medicine and William S. Richardson School of Law, University of Hawaii.

‘The Origins of the Healthcare Quality Debate. Performance Improvement and Health Services Research.” Medical Grand Rounds. University of Hawaii

- “Endocarditis Prophylaxis, Anticoagulation Management, and Hypertension.”
- “Functional Capacity and Health-Related Quality of Life in Obesity: Pilot Study of a Tai Chi Intervention.” Clinical Research Conference, The Queen's Medical Center
- “2006 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- 2007 Research and evaluation in Native Hawaiian behavioral health: Past, present and future (discussion panel). 2nd Annual Kūkulu I Nā Hūlili (Bridging the Gaps)
- “2007 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- “Outcomes Research.” JABSOM Geriatrics Fellows' Conference. Kuakini Medical Center.
- “Can We Measure the Quality of Care? Performance Improvement and Health Services Research. JABSOM Department of Medical Grand Rounds, The Queen's Medical Center.
- 2008 “Cardiac Rehabilitation Following Cardiac Surgery: The Hula Empowering Lifestyle Adaptations (HELA) Study.” Clinical Research Conference, The Queen's Medical Center
- “2008 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- 2009 “Pay for Performance.” Hawaii American College of Physician Annual Meeting.
- “Native Hawaiians and Heart Failure.” He Huliau - A Turning Point. Costa Mesa, CA.
- H1N1 (Swine) Flu: What Healthcare Professionals Need to Know. Invited Panel. The Queen's Medical Center
- Tai Chi and Obesity: Impact on Physical Function and Health Status. 2009 Hawaii Addictions Conference / AAPI Workgroup Scientific Conference.
- “2009 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- 2010 “2010 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- 2011 “2011 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.

- 2012 “Cross-Cultural Research Mentoring.” 3rd Annual Cross-Cultural Health Care Conference. Honolulu, HI
- Hula Empowering Lifestyle Adaptation (HELA Study). Advancing Native Health and Wellness Conference. Anchorage, AK (8/3/12)
- “2012 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- 2013 45th Asia Pacific Academic Consortium for Public Health Conference. Wuhan University, Wuhan, China
- “2013 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- 2014 Healthcare Reform: Quality Measures and the Impact on Practices. The Liver Summit. Honolulu, Hawaii.
- “2014 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- “A role for echocardiography during the resuscitation process?” 2014 Arrhythmia Symposium at the Cedars-Sinai Heart Institute
- Heart of Hula: Impacting Cardiovascular Disease in Native Hawaiians. University of Hawaii Department of Medicine Grand Rounds (2/18/14)
- 2015 “2015 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- 2016 “Hypertension 2016: Putting Guidelines into Practice” Queen’s Clinically Integrated Physician’s Network.
- “The Road to Value-Based Reimbursement” UH-JABSOM Alumni Reunion Educational Forum
- “2016 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- 2017 “2017 in Review: Three Articles that Changed the Practice of Medicine.” Medicine Grand Rounds, The Queen's Medical Center.
- “Training Workshop to Ensure Diversity, Inclusion, and Meaningful Participation in Clinical Trials.” RCMI Translational Science 2017, Washington DC
- 2018 “Inoculating Against Burnout by Hardwiring Resiliency.” Health Professions Education Conference, University of Hawaii. (Feb 16, 2018)

“Provider Wellness in Hawaii.” Hawaii Health Workforce Summit. Honolulu, HI (Sept 8, 2018)

Ke Ala Haloa: Reclaiming Cardiometabolic Health in Hana. 5th Annual Meeting of the Mountain West Clinical and Translational Research – Infrastructure Network. Las Vegas, NV. (June 11-12)

Kākou – Hawaii’s Town Hall. The Future of Work (Part One). Will you be employable? Will your children? (Hawaii PBS) October 25, 2018

Considering Social Factors in Addressing Preventable Hospitalizations and Rehospitalizations for Heart Disease and Diabetes. 2018 Healthcare Association of Hawaii’s Inaugural Healthcare Conference. September 21, 2018

2019 The Sweet Spot in Resilience, Burnout, Productivity Venn Diagrams: Learning Communities. Health Professions Education Conference 2019. February 16, 2019.

Bibliography:

Manuscripts, invited reviews, letters and editorials

1. **Seto TB**, Taira DA, Davis RB, Safran C, Phillips RS. The effect of physician gender on the prescription of estrogen replacement therapy. *J Gen Int Med.* 1996;11:197-203.
2. **Seto TB**, Taira DA, Tsevat J, Manning WJ. Cost-effectiveness of transesophageal echocardiographic-guided cardioversion: A decision analytic model for patients admitted to the hospital with atrial fibrillation. *J Am Coll Cardiol* 1997;29:122-30.
3. Taira DA, Safran DG, **Seto TB**, Rogers WH, Kosinski M, Ware JE, Lieberman N, Tarlov AR. Asian-American patient ratings of physician primary care performance. *J Gen Intern Med.* 1997;12:237-42.
4. Taira DA, Safran DG, **Seto TB**, Rogers WH, Tarlov AR. The relationship between patient income and physician discussion of health risk behaviors. *JAMA.* 1997;278:1412-1417.
5. **Seto TB**, Taira DA, Davis RB, Mittleman MA, Kawachi I. Seasonal variation in coronary artery disease mortality in Hawaii: observational study. *Brit Med J.* 1998;316:1946-7.
6. **Seto TB**, Taira DA, Tsevat J, Manning WJ. Cost-effectiveness of TEE-guided cardioversion. *Cardiovascular Review.* 1998;15:50-55.
7. Douglas PS, **Seto TB**. Outcomes research review. *J Am Soc Echocardiogr.* 1998;11:916-20.
8. **Seto TB**, Taira DA, Manning WJ. Cardioversion in patients with atrial fibrillation

- and LA thrombi on TEE: Should TEE be repeated prior to elective cardioversion? A cost-effectiveness analysis. *J Am Soc Echocardiogr.* 1999; 12:508-16.
9. **Seto TB**, Manning WJ. The use of echocardiography for patients with suspected endocarditis. Where's the beef? (editorial) *Am J Med.* 1999;107:281-2.
 10. **Seto TB**, Buchholz WA, Douglas PS, Manning WJ. When the body and appendage of the left atrium disagree – "Focal" atrial fibrillation: Implications for atrial thrombus formation and risk of thromboembolism. *J Am Soc Echocardiogr.* 1999;12:1097-1100.
 11. **Seto TB**, Taira DA, Berezin R, Chauhan M, Cutlip DE, Ho KKL, Kuntz RE, Cohen DJ. Percutaneous coronary revascularization in elderly patients: Impact on functional status and quality of life. *Ann Intern Med.* 2000;132:955-958
 12. **Seto TB**, Kuwat D, Taira DA, Douglas PS, Manning WJ. Physicians' recommendations to patients for use of antibiotic prophylaxis to prevent endocarditis. *JAMA.* 2000;284:68-71.
 13. Taira DA, **Seto TB**, Berezin R, Cutlip DE, Ho KKL, Kuntz RE, Cohen DJ. Effect of cigarette smoking on health status improvement after percutaneous coronary revascularization. *Circulation.* 2000;102:1369-74.
 14. **Seto TB**, Douglas PS. Outcomes research review. *J Am Soc Echocardiogr.* 2001;14:654-8.
 15. Taira DA, Safran DG, **Seto TB**, Rogers WH, Inui TS, Montgomery J, Tarlov AR. Do patient assessments of primary care differ by patient ethnicity? *Health Services Research.* 2001;36:1059-71.
 16. **Seto TB**, Cohen DJ. Cost-effectiveness of adjunctive intracoronary brachytherapy for the treatment of in-stent restenosis. *Vascular Radiotherapy Monitor.* 2001;4:9-15.
 17. **Seto TB**, Thomas L, Baden LR, Manning WJ. Specialty and training differences in the reported use of endocarditis prophylaxis at an academic medical center. *Am J Med.* 2001; 111:657-60.
 18. Taira DA, **Seto TB**, Marciel C. Ethnic disparities in care following acute coronary syndromes among Asian Americans and Pacific Islanders during the initial hospitalization. *Cellular & Molecular Biology.* 2001;47:1209-15.
 19. Manning WJ, Silverman DI, **Seto TB**, Weigner MJ. Value of precardioversion transesophageal echocardiography in managing cardioversion of atrial fibrillation. *J Am Coll Cardiol.* 2002;40:1889.
 20. Gertsch JH, **Seto TB**, Mor J, Onopa J. Ginkgo biloba for the prevention of severe acute mountain sickness (AMS) starting one day before rapid ascent. *High Altitude Medicine & Biology.* 2002;3:29-37.
 21. Sanders GP, Yeon SB, Grunes J, **Seto TB**, Manning WJ. Impact of a specific echocardiographic report comment regarding endocarditis prophylaxis on compliance with AHA recommendations. *Circulation.* 2002;106:300-03.

22. Taira DA, **Seto TB**, Siegrist R, Cosgrove R, Berezin R, Cohen DJ. Comparison of analytic approaches for the economic evaluation of new technologies alongside multicenter clinical trials. *Am Heart J.* 2003;145:452-8.
23. Wijetunga M, **Seto T**, Lindsay J, Schatz I. Crystal methamphetamine-associated cardiomyopathy: Tip of the iceberg? *J Toxicology.* 2003;41:981-6.
24. Gelber RP, Sumida KN, **Seto TB**. Variation in breast cancer management in Hawaii: A survey of physician practice. *J Healthcare Quality Online.* 2004;26:W4:1-5, Jul-Aug.
25. Lum JJ, Madison J, **Seto T**, Spies C. Management of patients with chronic kidney disease presenting with acute coronary syndrome. *Hawaii Med J.* 2004;63:3302.
26. Lee A, Lum J, **Seto T**, Spies C, Madison J. Severity of chronic kidney disease did not influence bleeding during treatment of acute coronary syndromes. *Hawaii Med J.* 2004;63:333-6.
27. Sonson J, Lum J, Madison J, **Seto T**, Spies C. Gender differences in therapy for patients admitted for unstable angina and myocardial infarction with underlying chronic kidney disease. *Hawaii Med J.* 2004;63:337-40.
28. Yamada K, Lum J, Madison J, **Seto T**, Spies C. Bleeding risk in patients with underlying chronic kidney disease admitted for acute coronary syndromes. *Hawaii Med J.* 2004;63:344-7.
29. Kishimoto M, Lim HY, Tokuda Y, Narita M, Kitazono H, Ito H, **Seto TB**, Sumia KN, Gelber RP. Prevalence of venous thromboembolism at a teaching hospital in Okinawa, Japan. *Thrombosis and Haemostasis.* 2005 2005;93:876-9.
30. Yeo KK, Beauvallet S, Mau M, **Seto TB**. Procedural success and complications following percutaneous coronary interventions among Asians and Pacific Islanders. *Clin Cardiol.* 2005;28:429-32.
31. Gelber RP, **Seto TB**. Patient ethnicity and use of venous thromboembolism prophylaxis. *Int J Qual Health Care.* 2006. 18(1):23-9.
32. Kirtane AJ, Rahman AM, Martinezclark P, Jeremias A, **Seto TB**, Manning WJ. Adherence to American College of Cardiology/American Heart Association guidelines for the management of anticoagulation in patients with mechanical valves undergoing elective outpatient procedures. *Am J Cardiol.* 2006; 97(6):891-3.
33. Gelber RP, McCarthy E, Davis J, **Seto TB**. Ethnic disparities in breast cancer management among Asian Americans and Pacific Islanders. *Ann Surg Oncol.* 2006;13(7):977-84.
34. Yeo KK, Wijetunga M, Ito H, Efird J, Tay K, **Seto TB**, Alimineti K, Kimata C, Schatz IJ. The association of methamphetamine use and cardiomyopathy in young patients. *Am J Med.* 2007;120:165-171.
35. Assimes TL, Narasimhan B, **Seto TB**, Yoon S, Curb JD, Olshen RA, Quertermous T. Heritability of left ventricular mass in Japanese families living in Hawaii: The SAPPHiRe Study. *J Hypertens.* 2007;25(5):985-92.

36. **Seto TB.** The case for infective endocarditis prophylaxis: Time to move forward. *Arch Int Med.* 2007;167:327-30.
37. **Seto TB.** Rebuttal to Morris: Pro-side. *Arch Int Med.* 2007;167:333.
38. Taira DA, Gelber RP, Davis J, Gronley K, Chung RS, **Seto TB.** Antihypertensive adherence and drug class among Asian Pacific Americans. *Ethn Health.* 2007.12(3):265-81.
39. Kaholokula JK, Saito E, Mau MK, Latimer R, **Seto TB.** Pacific Islanders' perspectives on heart failure management. *Patient Education Counseling.* 2008;70:281-91.PMC2254651
40. Sekikawa, A, Curb JD, Ueshima H, El-Saed A, Kadowaki T, Abbott RD, Evans RW, Rodriguez BL, Okamura T, Sutton0Tyrrell K, Nakamura Y, Masaki K, Edmundowicz D, Kashiwagi A, Willcox BJ, Takamiya T, Mitsunami K, **Seto TB,** Murata K, White RL, Kuller LH. Marine-derived n-3 fatty acids and atherosclerosis in Japanese, Japanese-American, and white men. *J Am Coll Cardiol.* 2008;52:417-24. PMC2736602
41. Mau MK, Asao K, Efird J, Saito E, Ratner R, Hafi M, **Seto T.** Risk factors associated with methamphetamine use and heart failure among Native Hawaiians and other Pacific Island Peoples. *Vascular Health Risk Management.* 2009;5:45-52. PMC2672449
42. Soll BA, Yeo KK, Davis JW, **Seto TB,** Schatz IJ, Shen EN. The effect of posture on Cheyne-Stokes respirations and hemodynamics in patients with heart failure. *Sleep.* 2009;32(11):1499-506. PMC2768956
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44. Lee R, Onopa J, Mau MK, **Seto TB.** Diabetes care in a predominantly Native Hawaiian and Pacific Islander outpatient population. *Hawaii Med J.* 2010;69(S2):28-30. PMC3158437
45. Ito H, Yeo KK, Wijetunga M, **Seto TB,** Tay K, Schatz IJ. A comparison of echocardiographic findings in young adults with cardiomyopathy: with and without a history of methamphetamine abuse. *Clin Cardiol.* 2009;32(6):E18-22. PMC3787838
46. Droitcour AD, **Seto TB,** Park BK, Yamada S, Vergara A, El Hourani C, Shing T, Yuen Lubecke VM, Boric-Lubecke O. Non-contact respiratory rate measurement validation for hospitalized patients. *Conference Proceedings: Annual International Conference of the IEEE Engineering in Medicine & Biology Society.* 2009:4812-5, 2009. PMC4313750
47. Chow D, Stein JH, **Seto TB,** Mitchell C, Sriratanaviriyakul N, Grandinetti A, et al. Short-term effects of extended release niacin on endothelial function in HIV-infected patients on stable antiretroviral therapy. *AIDS.* 2010; 24:1019-23. PMC2925834
49. Nishida K, Hirota SK, **Seto TB,** Smith DC, Young C, Muranaka W, Beauvallet S, Fergusson DJ. Quality measure study: Progress in reducing the door-to-balloon time in patients with ST-segment elevation myocardial infarction. *Hawaii Med J.* 2010;69(10): 242-6. PMC3071180

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51. Hedges JR, Shiramizu B, **Seto T**. RMATRIX - Clinical Translational Research Award. *Hawaii Med J*. 2011;70(1):18-9. PMC3071192
52. Look MA, Kaholokula JK, Carvalho AF, **Seto T**, de Silva M. Developing a Culturally-Based Cardiac Rehabilitation Program: The HELA Study. *Progress in Community Health Partnerships: Research Education and Action*. 2012;6(1):103-10. PMC3524268
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Research Support

Ongoing Research Support

U54MD007584

(Hedges PI)

09/16/10 – 04/30/19

NIMHD/NIH

RCMI Multidisciplinary and Translational Research Infrastructure Expansion Hawaii

The goal of RMATRIX Hawaii is to further develop the research infrastructure at the University of Hawaii and increase capacity to perform translational research that spans the spectrum from bench to bedside to the community.

Role: Co-Program Director and Director, Collaborations and Partnerships Core

RO1HL126577-01

(Kaholokula PI)

4/21/15 – 1/31/20

NHLBI/NIH

The KAHOLO Project: Preventing Cardiovascular Disease in Native Hawaiians

This proposed research uses hula, the traditional dance form of NH and hallmark of NH culture, as the PA basis for a culturally relevant and sustainable CVD prevention program targeting HTN management. We will compare the effects of a 6-month intervention that combines hula training and brief culturally-tailored HTN self-management education delivered by peer educators and Kumu hula to a wait-list control group in reducing systolic BP and CVD risk scores.

Role: Co-Investigator

R25Gm16740-02 (Rubio PI) 9/25/15 – 7/31/20
Leading Emerging and Diverse Scientists to Success
This project is a partnership with 5 Minority Serving Institutions further promote and implement research professional skill development for postdoctoral fellows (PhD and MD clinical fellows) and junior faculty. Our proposed program, Leading Emerging And Diverse Scientists to Success (LEADS) will take advantage of the considerable expertise at the University of Pittsburgh's Institute for Clinical Research Education where we have been training successful researchers for 15 years. Our goal is to develop a one-year program that provides applied professional skill development, networking, and career coaching to postdoctoral fellows and junior faculty at MSIs.
Role: Co-Investigator

K12HL143960 (Ndhlovu, Seto, Shikuma multiple PIs)
Hawaii Interdisciplinary Mentored Career Development in HIV Co-Morbidity
NIH/NHLBI Role: Multiple PI

Completed Research

5P20MD000173-080007 (Seto PI) 10% FTE 9/30/07 – 05/31/12
NCMHHD
An Evaluation of Hula as Exercise Training Following CABG Surgery
Role: Principal Investigator

1 R21 AT003725-01A1 (Seto PI) 15% FTE 9/1/07 – 5/30/10
Tai Chi for Obesity: A Randomized Controlled Pilot Trial
NCCAM
Role: Principal Investigator

1 UO1 HL079152-01 (Seto PI) 20% FTE 10/1/04 – 8/31/10
NHLBI
Heart Failure Disparities in Native Hawaiians
Role: Principal Investigator

5R01HL095135-02 (Shikuma PI) 5% FTE 9/25/08 – 6/30/13
NHLBI
Role of Oxidative Stress and Inflammation in HIV Cardiovascular Risk
Role: Co-Investigator

5P20RR016453-08 (Shohet PI) 5% FTE 9/24/01 – 5/31/12
NCRR
COBRE Center for Cardiovascular Research
Role: Community liaison

1 U54RR0261 36--01A1 (Hedges PI) 20% FTE 9/1/10 – 8/30/13
NCRR
RCMI Multidisciplinary and Translational Research Infrastructure Expansion Hawaii (RMATRIX)
Role: Co-Program Director

1R24HS011627-01 (Seto PI) AHRQ / NIH Cancer Among Asians and Pacific Islanders Role: Principal Investigator	9/30/01 – 8/31/04
Queen Emma Foundation (Honolulu, HI) (Seto PI) Risk Factors for 3 rd and 4 th Degree Perineal Lacerations During Vaginal Deliveries Role: Principal Investigator	9/1/04 – 8/31/05
2 U01 HL54498-06 (Curb PI) NHLBI Family Blood Pressure Project Role: Co-Investigator	1/1/01 – 12/31/05
P20 MD000173-01 (Mau PI) NHLBI Partnerships for Diabetes Related Disparities in Hawaii Role: Pilot Core Director	9/28/02 – 09/27/07
0926076 (Boric-Lubecke PI) 10% FTE NSF Robust Physiological Signal Extraction Using High Precision Hardware and Personalized Signal Processing. Role: Co-Principal Investigator	8/15/09 – 7/31/10
2901 (Seto PI) Office of Hawaiian Affairs <u>Hana Ulu Pono: A community-based participatory research study</u> In this community-based participatory research study, we are working the community partners in the geographically isolated rural community of Hana, on the island of Maui, to implement a culturally- tailored, community-based, and community-led exercise and education program to reduce obesity and associated cardiovascular risk factors.	07/1/14 – 06/30/16
1R21HL124457-01 NHLBI/NIH Cardio-Pulmonary Stethoscope: A Novel Radio Frequency Sensor for Non-Invasive Measurement The objective of this study is to validate the accuracy of the Cardio-Pulmonary Stethoscope (CSP) in measuring changes in lung water and other vital signs in a clinical setting. Vital signs measured by CPS will be compared to those obtained from right heart catheterization and other standard monitoring procedures. This project is a collaboration between the University of Hawaii John A. Burns School of Medicine, UH College of Engineering and The Queen's Medical Center.	(Seto / Iskander Co-PI) 7/23/14 – 6/30/16
U54GM104944 NIGMS/NIH Clinical and Translational Infrastructure Network Pilot Project <i>Ke Ala Haloa: Reclaiming Cardiometabolic Health in Hāna</i> (Seto Pilot project PI)	Kumar (PI) 7/1/17 – 6/30/18

This is a clinical trial grounded in community-based participatory research principles that will randomize 40 patients to either a Traditional Hawaiian Eating Plan or their usual diet. The primary study endpoint will be body mass index (BMI), with other endpoints that include blood pressure, insulin resistance, inflammatory markers, and health-related quality of life. Information from this pilot study will be used for a larger, more definitive extramural NIH grant application.

Role: Pilot Project Principal Investigator