SELECTED PRESS RELEASES – Diabetes Health and national recognition awards

- UHH Stories of Excellence Pacific Islander Mobile Screening Clinic (PIMSC) award winning project http://hilo.hawaii.edu/excellence/ Student pharmacists earn national award for Pacific Islander Mobile Screening Clinic http://hilo.hawaii.edu/news/press/release/1287
- Harding College of Pharmacy professors awarded for collaboration with ARCare Diabetes Clinic http://www.harding.edu/news_2010/news_2010%20Pharmacy%20PSPC%20Award.html

SCHOLARSHIP, RESEARCH GRANTS, AND AWARDS

IRB Approved Research

- University of Hawaii Manoa Office of Research Compliance: Medication Delivery Strategies for Improving Regimen Adherence among Pacific Islanders 2013
  Katherine Anderson, Mimi Pezzuto, Kristine McCoy
- University of Hawaii Manoa Office of Research Compliance: Comparative Efficacy of Ethnobotanicals, Alpha-Lipoic Acid, and Gabapentin in the Treatment of Diabetic Neuropathy 2013
  Katherine Anderson, Carolyn Ma, Kristine McCoy
- University of Hawaii Manoa Office of Research Compliance CHS No. 20054: Integrating Cognitive Screening and Videoconferencing in Disease State Management in Rural Alaska and Hawaii. 2012
  Katherine Anderson, Carolyn Ma, Shanele Shimabuku, Yaw Owusu, Leslie Rodriguez, Kristine McCoy
- U of W Human Subjects Application No. 06-0149-V/E 01. Using Medication Safety Cognitive Screen (Medi-Cog), Mini Mental Status Exam (MMSE), and Mini-Cog cognitive screens to assess a patient’s ability to fill a pillbox. 2006
- Veteran’s Administration IRB. Using Medication Safety Cognitive Screen (Medi-Cog), Mini Mental Status Exam (MMSE), and Mini-Cog cognitive screens to assess a patient’s ability to fill a pillbox. 2006

Grant Applications

- Funding Agency: PhRMA Foundation. New Investigator. $50,000 2013
  Project Title: Medication Delivery Strategies for Improving Regimen Adherence among Pacific Islanders
Purpose: Employ an escalating dose titration of an ethnobotanical delivered by teabag or capsule formulation to assess patient ability to adhere to an increasingly complex regimen.
Role: PI. 90% Authorship.
Status: Not funded

- Funding Agency: Patient-Centered Outcomes Research (PCORI) $1.5 M over 3 years 2013
  Project Title: Comparative Effectiveness of Ethnobotanicals, Alpha Lipoic Acid and Gabapentin in the Treatment of Diabetic Neuropathy
  Purpose: Clinical trial to determine safety and efficacy of Marshallese ethnobotanical “kiden,” with a head-to-head trial against 3 other agents for efficacy in mitigating neuropathic pain.
  Role: Co-PI. 60% Authorship
  Status: Not funded

- Funding Agency: American Association of Colleges of Pharmacy (AACP) $15,000 2013
  Project Title: Pacific Islander Mobile Screening Clinic (PIMSC) Student Community Engaged Service Award
  Purpose: Expand student health screening outreach efforts among Pacific Islanders and improve outcomes through health access to follow-up medical care.
  Role: PI, PIMSC Advisor, Award Application Editor
  Status: Funded.

- Funding Agency: Target Corporation $2,000 2012
  Project Title: Pacific Islander Mobile Screening Clinic (PIMSC)
  Purpose: Support PIMSC health screening efforts to reach Pacific Islanders with diabetes with reduced access to medical care.
  Role: PI and Grant Manager
  Status: Funded

- Funding Agency: PCORI 5 million over 5 years 2012
  Project Title: The Center for Rural Health Science: Patient-centered research on access to care.
  Purpose: Measuring and reducing rural health disparities, improving access to care, and establishing a multi-disciplinary team of health services researchers with unique expertise in achieving patient-centered outcomes.
  PI: Karen Pellegrin, PhD
  Role: Co-Investigator. 15% Authorship
  Status: Not funded

- Funding Agency: Funding agency: NIMHD $1,023,049 2012
  Project Title: Increasing Appropriate Use of Medications by Pacific Islanders in Hawai`i
  Purpose: To conduct a needs assessment and develop an intervention to improve medication adherence among Pacific Islanders in Hawaii.
  PI: Deborah Juarez, PhD
  Role: Co-investigator. No Authorship.
  Status: Not funded

- Funding Agency: RMATRIX $16,322 2012
  Project Title: Integrating Literacy and Cognitive Screens with Insulin Use in Pacific
Islanders
Purpose: Employ literacy and cognitive screens in evaluating and educating Pacific Islanders in safe and effective use of insulin
Role: PI. 100% Authorship
Status: Not funded

- Funding Agency: Hawaii Island Beacon Community $20,000 2012
  Project Title: Marshallese Mobile Screening Clinic
  Purpose: Provide effective diabetes health screenings by overcoming language and cultural barriers to improve health care access and outcomes for underserved populations.
  PI: Elizabeth Heffernan, MA
  Role: Grant manager and Study PI. No Authorship.
  Status: Funded

- Funding Agency: PCORI $622,911 2011
  Project Title: Serving Under-reached Populations with Medication Therapy Management
  Purpose: Improve health outcomes of Native Alaskan and Pacific Islander disparate populations with transdisciplinary medical care using videoconferencing when needed to bridge diabetes care to rural populations.
  Role: PI. 100% Authorship
  Status: Not Funded

- Funding Agency: PCORI $2013 $22,408 2011
  Project Title: Assessing for Safe Medication use Skills: Medi-Cog and MOCA Cognitive Screen Correlations with Patient Accuracy in Pillbox Organization
  Purpose: Compare the Medi-Cog and MoCA cognitive screens in their ability to predict pillbox loading accuracy
  Role: IRB PI, Grant Co-investigator, 50% Authorship
  Status: Not Funded

- Funding Agency: Blue and You Foundation for a Healthier Arkansas $50,000 2009
  Project Title: Evaluating Outcomes of Cognitive Status and Pillbox Education on Diabetes Management
  Purpose: Improve health outcomes through piloting cognitive, health literacy and pillbox skills screens to better assess patients, individualize patient care and track improved A1c measures of improved glycemic control and improved health outcomes.
  Role: PI. 75% Authorship
  Status: Funded

- Funding Agency: Elmer M. Plein Endowed Research Fund 5,000 2008
  Project Title: A Pilot Study Using Cognitive Screens to Assess Patients' Ability to Self-manage Medications
  Purpose: Assess Patients Ability to Self-manage Medications Using Medi-Cog As a Predictive Tool.
  PI: Annie Lam, Pharm.D.
  Role: Co-Investigator. 35% Authorship
  Status: Funded

- Funding Agency: American Society of Consultant Pharmacists Foundation $5,000 2007
  Project Title: Identifying Seniors at Risk for Medication Mismanagement: Using the Medi-Cog as a Rapid Screening Tool to Predict a Patient's Accuracy in Filling a Pillbox
Purpose: Fund Medi-Cog studies to determine its ability to predict patient pillbox organization skills and medication adherence
Role: PI. 100% Authorship
Status: Funded

RESEARCH - PEER REVIEWED POSTER PRESENTATIONS

National

- **Anderson K**, Vonnahe J, Doran E, Villarosa JA, McCoy K, Ma C, Borson S. Brief Assessments Used to Identify Prescription Literacy Deficits among Hawaii County Residents. Accepted for presentation at ASCP Annual Conference, Seattle, WA November 2013
- **Anderson K**, Ogle S, Owusu Y. Brief Screening Method for Identifying Barriers to Effective Diabetes Management. American Pharmacists Association Annual Conference. Los Angeles, California. March 2013 90% Contribution
- Lam AY, **Anderson K**, Smith, FL A Pilot Study to Assess Cognition and Pillbox Fill Accuracy in Community Dwelling Adults. American Society of Consultant Pharmacists Annual Meeting, Orlando, Florida. 2010 10% Contribution

State/Regional

Katherine J. Anderson, PharmD, CGP, FASCP

- Berlin S, Myers A, Anderson K. Fall Prevention in Geriatrics. Arkansas Association of Health-System Pharmacists, Little Rock, AR. 2009 20% Contribution

Local
- Anderson K, Chen J & Hu M. Effects of Isoflavones on UGT Metabolism of 7-OH-4-trifluoromethylcoumarin Using Rat Intestinal Microsomes. SURF Research Fellowship in Pharmacology and Toxicology, Pullman, WA. March 2002

RESEARCH – PLATFORM PRESENTATIONS

National
- Anderson K, Kissack, JC, Remington R. Comparison of scoring methods for cognitive screens used to predict patient accuracy in filling a pillbox. American College of Clinical Pharmacy, Anaheim, California. 2009 Platform presentation 90% Contribution
PUBLICATIONS – PEER REVIEWED

Published Abstracts

- Sana J, Gustilo B, **Anderson K**. Outreach Efforts of the Pacific Islander Mobile Screening Clinic. HJMPH Supplement 2013;72,(8):3.
- **Anderson, K**, Huie-Li Amy, Willmore, C. Using Cognitive Screens to Predict Pillbox Organizational Skills. JAGS April 2012
- **Anderson K**, Jue SG, Madaras-Kelly KJ. Identifying Patients at Risk for Medication Mismanagement: Using Cognitive Screens to Predict a Patient’s Accuracy in Filling a Pillbox. Consult Pharm 2008;June;23(6):259-72

Published Text Contribution – peer reviewed


Published Article


JOURNAL PUBLICATIONS – PEER REVIEWED


• Anderson K, Jue SG, Madaras-Kelly KJ. Identifying Patients at Risk for Medication Mismanagement: Using Cognitive Screens to Predict a Patient’s Accuracy in Filling a Pillbox. Consult Pharm 2008;June;23(6):259-72. [PMID:18764676]


Working Papers

• Anderson K, Huie-Li A, Borson S. “Using Cognitive Screens to Predict Pillbox Use Skills” targeted for JAGS.

• Anderson K, Smith F, Soo Borson. “Montreal Cognitive Assessment (MoCA), Medi-Cog, and Pillbox Loading Accuracy” targeted for TCP.

Web Case for Geriatric Board Review
• Anderson K, Fox, C. Unintentional Weight Loss in the Older Adult, Geriatric Pharmacy Review. American Society of Consultant Pharmacists. 2011

PUBLICATIONS – NON-PEER REVIEWED

Web Articles


Other Publications


• **Anderson, K.** On the Other Side of Dementia. The Apothecary, Boise VA. April 20

• **Anderson, K.** Pieces of the Pick’s Disease Dementia Puzzle. The Apothecary, Boise VA February 2006.


• **Anderson, K.** To the Faculty: Thank you! WSU College of Pharmacy Annual Report Giving, 2005.


