



HAWAI'I PACIFIC UNIVERSITY

# 4TH ANNUAL CAPSTONE SYMPOSIUM 2016

THURSDAY, APRIL 21, 2016 | Aloha Tower Marketplace, Multipurpose Room 3

■■■■■■■■ Culmination of College Learning with Real-World Applications ■■■■■■■■

## EXCELLENCE CREATIVITY INNOVATION

### The 2016 Capstone Symposium is made possible by:

**Organizers:** Dr. Hanh thi Nguyen, Dr. Wendy Lam, and Dr. Noelia R. Paez Huaroto, together with the General Education Curriculum and Learning Assessment Committee and the Graduate Policies Committee



**Sponsors and Supporters:** Office of Academic Affairs, Student Activity Fund, Student Life, Career Services Center, Marketing and Communications, Kalamalama newspaper, Faculty Support Center

#### CAPSTONE MENTORS:

**Pamela Almeida**, PhD, APRN-Rx, NNP-BC, Nursing  
**Katherine Aumer**, PhD, Assistant Professor, Psychology  
**Michael Canute**, MS Instructor of Biology, Natural Science  
**Nita Jane Carrington**, EdD, Professor, Nursing  
**Yongli Chen**, PhD, Associate Professor, Natural Science  
**Gideon Berger**, PhD Assistant Professor, Natural Science  
**Jessica Garlock**, MSW, LSW, Lecturer, Social Work  
**Jean Kirschenmann**, MA, Assistant Professor, Applied Linguistics  
**Margo Kitts**, PhD, Professor, Arts and Humanities  
**Hyunsun Lee**, PhD, Assistant Professor Mathematics  
**Michaela Rinkel**, MSW, PhD, MSW Director/Assistant Professor, Social Work  
**Emily K. Roberson**, PhD, MPH, Lecturer, Public Health  
**Curt Powley**, PhD, Associate Professor, Computer Science  
**Mahealani Suapaia**, PhDc, RN, Assistant Professor of Nursing

#### SYMPOSIUM JUDGES:

**Valentina Abordonado**, PhD, Assistant Dean for General Education  
**Xin Fang**, Ph.D., Assistant Professor of Economics  
**Dan Flood**, Ph.D., Assistant Professor of Public Administration  
**Allison Gough**, PhD, Associate Professor of History and Dean of the Honors Program  
**Russell Hart**, PhD, Professor of History  
**Hui Huang**, PhD, Assistant Professor of Economics  
**Jean Kirschenmann**, MA, Assistant Professor of Applied Linguistics  
**Michael C. Van Lear**, MEd Director of Career Services  
**Chang Liu**, PhD, Assistant Professor of Finance  
**Daewoo Park**, PhD, Professor of Management  
**Ken Schoolland**, MSFS, Associate Professor of Economics  
**Edward R. Souza**, MSIS, Instructor in Information Systems  
**Mahealani Suapaia**, MS, RN, Assistant Professor of Nursing  
**Lei Wang**, PhD, Assistant Professor of Chemistry

### OPENING: 10:50-10:55 | SESSION ONE: 10:55 to 12:15

DIVISION	MAJOR	PRESENTER(S)	TITLE
Undergraduate	Health Science	Danielle Sharek	Reducing Teenage Pregnancy in Hawaii by Increasing Contraceptive Access
Undergraduate	Humanities	Shala L. Borne	Asian-Pacific Perspective on Death & the Afterlife
Undergraduate	Nursing	Elizabeth Eichenberger	Sepsis, Quick Recognition: Nurse-Driven Protocol in Complication Prevention
Undergraduate	Public Health	John Jones	Reducing Methamphetamine Users in Hawaii through Education & Prevention Training
Undergraduate	Social Work	Katrina Perez	Helping Children Cope with Separation & Divorce
Undergraduate	Social Work	Nichole Fian	Barriers for Clients Maintaining Housing: Hoarding
Undergraduate	Social Work	Nicole Bieneman	Helping or Harming
Undergraduate	Social Work	Yais Serrato	Swept Us Off our Feet: Homelessness in Hawaii
Graduate	Social Work	Ambria Flippo	Community Assessment of Underage Drinking
Graduate	Social Work	Ana Palte	Practitioners' Views on Dialectical Behavior Therapy for Minimizing Suicidality among Persons Diagnosed with Borderline Personality Disorder
Graduate	Social Work	Carol Anne Fagaragan	Including Non-sexually Abused Siblings in Treatment
Graduate	Social Work	Erik Gray	Homeless Youth on Oahu: More Effective Services
Graduate	Social Work	Giavante' Douglas	Institutional Slavery with African American Women: Exploring Ethnic Identity & Cultural Roots
Graduate	Social Work	Gina Baez	Military-Connected Children & Chronic Stress Derived from Geographical Moves: The Effects & Implications for Social Workers & School-based Interventions
Graduate	Social Work	Jimberly Valenzuela	A Qualitative Study of Family Caregivers Experience
Graduate	Social Work	Kainani M Kahunanui	Native Hawaiian Kupuna & Accessibility to Social Services
Graduate	Social Work	Kimberly King	Do Gender Binary Concepts Influence our Acceptance of Transgender Individuals?
Graduate	Social Work	Lindsey Fox	Dynamics in Health Care Teams
Graduate	Social Work	Shanell Crouch	Hospital Discharge Barriers
Graduate	Social Work	Laura Leonard	The Implementation of Mindfulness Practice with Children by the Social Work Profession
Graduate	Social Work	Kristen Wolf	What Volunteers Identify as the Extrinsic Motivations to Volunteerism Within Nonprofit Organizations in Hawai'i
Graduate	TESOL	Kaori Watanabe	Extensive Reading in An English-as-a-Foreign-Language Context

## SESSION TWO: 12:30-1:55

DIVISION	MAJOR	PRESENTER(S)	TITLE
Undergraduate	Chemistry	David Chambers	Alternative Preparation of 3-[(trisopropylsilyloxy)propanal using Periodate Cleavage of Vicinal Diols
Undergraduate	Health Science	Kylie Bretzel	Reducing Childhood Obesity in Hawaii through Feasible & Culturally-Tailored Prevention Programs
Undergraduate	Health Science	Magi Dabis	Reducing Suicide Among Young Adults in Hawai'i
Undergraduate	Nursing	Aileen De Jesus	Care Transitions: Ways to Improve Hospital Consumer Assessment of Healthcare Providers & Systems Scores
Undergraduate	Nursing	Sarah Hanes	The R.E.A.L. Problem- Reducing Errors of Administration & Learning
Undergraduate	Psychology	Ning Hsu & Shion Pritchard	Elements of Racial Identity in a Diverse Setting
Undergraduate	Public Health	Bryan Sarte	Legislative Advocacy to Reduce HIV Among Men Who Have Sex with Men in Hawaii
Undergraduate	Social Work	Erika Manzano	The Effectiveness of Social Skills Training Group Intervention for Emotional/Behavioral Disorders in Elementary School Students
Undergraduate	Social Work	Jaimee Tabangay	Raising Awareness of After-school & Out-of-School Time Programs in Hawaii Using Interactive Mapping
Undergraduate	Social Work	Jerrell Davis	The Effectiveness of Financial Literacy in Homelessness
Undergraduate	Social Work	Kerri Robbins	Acting on a Mental Health Need: Improving the Intake Process for Homeless Individuals Dealing with Mental Illnesses in Emergency Shelters
Undergraduate	Social Work	Kristy Phillips	What Are the Benefits & Effectiveness of Fidget Devices for Children of Special Needs?
Undergraduate	Social Work	Maia Tjarks	Recreation Groups for People with Disabilities
Undergraduate	Social Work	Ray Gerald Abarintos	Down & Out: Identifying & Overcoming Sheltered Homeless Women's Barriers to Accessing Resources
Graduate	Social Work	Jessica J. N. Yaple	Faith, Resiliency, & Compassion Fatigue
Graduate	Social Work	Aletia Point Du Jour	Evaluating the Benefits of the Walk in the Mall Program as a Grief Support Tool
Graduate	Social Work	Ashley Bonton	Attitudes, Knowledge, & Beliefs About Mental Health: An Evaluation of an Educational Intervention Among Hawaii Pacific University College Students
Graduate	Social Work	Caroline Reid	Strengthening the Field of Veterinary Social Work
Graduate	Social Work	Dānya Herrell	Cognitive Behavioral Therapy in the Correctional Setting
Graduate	Social Work	Gilda Abes	Strategies in Engaging with Children Who Have Experienced Sexual Abuse: A Qualitative Study from the Perspectives of Mentors
Graduate	Social Work	Michael S. Paeste	Recognizing Burnout & Cultural Influences Among Multigenerational Family Caregivers
Graduate	Social Work	William Perez	Effectiveness of Hawaii Veterans Treatment Court in Reducing Recidivism
Graduate	TESOL	Kae Miyake	Second Language Learning & Identity Transformation

## SESSION THREE: 2:05-3:30

DIVISION	MAJOR	PRESENTER(S)	TITLE
Undergraduate	Applied Math	Lisa Barroga & Paul Diaz	Monte Carlo Option Pricing: Pricing Financial Options by Flipping a Coin
Undergraduate	Biochemistry	Erik Henze	The Effect of Linalool on Lactate Dehydrogenase
Undergraduate	Biology	Avery Stetson	A General Methodology for Artificial Chromosomes & Genetic Engineering: Building a Better Human
Undergraduate	Computer Science	David Jone & Jesse Zimmerman	Web-based Database for Grant Proposals
Undergraduate	Computer Science	Hunter Ranon, Aaron Bernath, Yohei Tsuji, Jake Stensrud, & Malin Kildal	Robot Operating System
Undergraduate	Health Science	Haley Holt	How Coaches Help Prevent Eating Disorders in Female Athletes
Undergraduate	Health Science	Stephanie Buzzotta	Diabetes Prevention Program Among Hawaiian & Pacific Islander Communities
Undergraduate	Nursing	Christine Alexis Calumag	Tapering Opioids to Prevent Overuse, Misuse, & Abuse
Undergraduate	Public Health	Katia Worley	Ka Wai no Nā Keiki: Water for the Children
Undergraduate	Social Work	Austan Vance	If You Knew How to Save a Life, Would You? A Training Guide for Overdose Intervention
Undergraduate	Social Work	Kra'Shawn Fogle	Healthy Families Oahu (HFO) Reward Program: HFO Bucks
Undergraduate	Social Work	Lindsey Ostrowski	The Use of Culture in Prevention Science
Undergraduate	Social Work	Sarah Wangit	The Effectiveness of Case Management In Housing First Programs
Undergraduate	Social Work	Sean Lane	Incentive Program for At-Risk Youth
Undergraduate	TESOL	Christian M. Salinas	Teacher as Facilitator in the Language Classroom
Undergraduate	TESOL	Haley Fillman	Reading with a Purpose: Using Post-readingg Materials to Engage Students
Graduate	Social Work	Adrian Ramos	The Influences on Gay Collegiate Male Athletes' Coming Out
Graduate	Social Work	Laura Manzano	What Impact Does Mental Health Have on Homelessness
Graduate	Social Work	Shari Ann Bautista	Bridging the Cultural Divide: Shifting the Caregiver Mentality to a Self-Determination Approach
Graduate	Social Work	Sinead Angus	Alcohol's Effects on Current College Students' Sexual Experiences
Graduate	Social Work	Wayne R. "Doc" Wilson	Music in the Clinic: The Effect of Music on the Reduction of Perceived Stress Among Staff in a Mental Health Clinic/Agency
Graduate	Social Work	Sharon Hughley	Why Do College Students Engage in Problematic Drinking?
Graduate	Social Work	Sarah (Bobby) Cercone	Contingency Management with Substance Abuse Treatment
Graduate	TESOL	Or-on Thamintorn	Three Strategies to Create Meaningful Materials for Learners of English as a Second Language

## AWARD CEREMONY: 4:00-4:15

**DOOR PRIZES AT THE END OF EACH SESSION!**

