



HAWAI'I PACIFIC UNIVERSITY 6TH ANNUAL CAPSTONE SYMPOSIUM 2018

THURSDAY, APRIL 19, 2018 | Aloha Tower Marketplace, Multipurpose Room 3

Culmination of College Learning with Real-World Applications

EXCELLENCE CREATIVITY INNOVATION

The 2018 Capstone Symposium is made possible by:

Capstone Symposium Sub-Committee, Program Review and Learning Assessment Committee: Dr. Hanh Nguyen, Dr. Wendy Lam, Dr. Noelia Paez, Dr. Mary Smith, & Dr. Valentina Arborado (Coordinators); Tracy Tangonan, Elizabeth Vang, David Larson, & Richard Vermeesch (Staff)

Office of Academic Affairs, College Deans, Student Life, Career Development Center, Marketing and Communications, Faculty Support Center, ATM Programming and Marketing

Proposal Reviewers

Dr. Valentina Arbodonado, Dr. Andrew Brittain, Dr. Jessica Garlock, Dr. Russell Hart,

Dr. Wendy Lam, Dr. Hyunsun Lee, Dr. Hanh Nguyen, Dr. Noelia Paez, Dr. Mary Smith, Dr. Edward R. Souza

CAPSTONE MENTORS:

Valentina M. Abordonado, Ph.D., Professor of English/ Assistant Dean for General Education
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Anaeliz Colon, BS, MPH, Adjunct Faculty, Public Health
Dorothy B. Douthit, Ph.D., Adjunct Faculty, School of Education
Gillian Dunn, Dr PH, Assistant Professor of Public Health
Jerome Feldman, Professor of Art History
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Jean Kirschenmann, Practicum Coordinator, TESOL Program
Keith E. Korsmeyer, Ph.D., Professor of Marine Science
Sarah P. Maynard, Ph.D., MSW, Assistant Professor of Social Work
Hanh thi Nguyen, Ph.D., Professor of Applied Linguistics
Olivia Nigro, Ph.D., Assistant Professor of Biology
Regina Ostergaard-Klem, Ph.D., Associate Professor of Environmental Science
Ngoc Phan, Ph.D., Assistant Professor of Political Science
James Pierce, Adjunct Faculty, College of Business/ Senior State Executive-IBM Hawaii & Guam
Curt Powley, Ph.D., Associate Professor of Computer Science
Michaela Rinkel, Ph.D., MSW, Assistant Professor of Social Work
Edward R. Souza, Instructor of Information Systems
Eric Vetter, Ph.D., Professor of Oceanography
JUDGES
Valentina Abordonado, PhD, Professor of English
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Stewart Crawford, Ph.D., Associate Professor of Computer Science, Department Chair
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Dave Field, Ph.D., Associate Professor, Adjunct
Lyndall Ellingson, Ph.D., Professor of Public Health
Catherine Hourani, Ph.D., Assistant Professor of Engineering, Engineering Chair
Marc Gilbert, Ph.D., Professor of History and NEH-supported Endowed Chair in World History
Allison Gough, Ph.D., Associate Professor of History, Dean of College of Liberal Arts
John Hart, Ph.D., Chair & Professor of Communication
Steven P. Hanneman, MBA, PMP Lecturer of Information Technology
Russell Hart, Ph.D., Professor of History and Program Director for Diplomacy and Military Studies
Keith E. Korsmeyer, Ph.D., Professor of Biology
Serge Marek, Ph.D., Assistant Professor of Geography
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Diana Mejia, BSN RN, Adjunct Clinical Instructor for Nursing Bachelorette Program
Olivia Nigro, Ph.D., Assistant Professor of Biology
Ngoc Phan, Ph.D., Assistant Professor of Political Science
Ken Rossi, Ed.D., Assistant Professor of Organization Development and Change
Larry Rowland, Ed.D., Associate Professor of Information Systems
Edward R. Souza, MSIS Lecturer in Information Systems
Lance Wilhelm, Trustee
Susan B. Watson, Ph.D., Associate Professor of Psychology and Program Director, MA-CMHC
Rob Wilson, Instructor of English

SESSION ONE: 10:50 AM to 12:15 PM

DIVISION	MAJOR	CATEGORY	PRESENTER(S)	TITLE
Undergrad	Asia-Pacific Studies	Research	Kaila Malavet	Political Instability and Economic Development
Undergrad	Asia-Pacific Studies	Research	Donnette Tuisano	Controversy over the Kawaihae Cave Artifacts
Undergrad	Cinematic Production	Creative Work	Laura Garber	The Anonymous
Undergrad	Computer Science	Project	Rhea'Da Unpingco, Daniel Gallardo, Stefan Borg, Jocelyn Louie, Wataru Takahashi, & Jiru Xu	Does memory matter to a machine that learns?
Undergrad	Integrated Multimedia	Creative Work	Nicholas Roman	Cu
Undergrad	Management Information Systems	Project	Marjury Cabanlit, William Cayetano, Kim Trathen, Jeffery Stacy, Dwayne Beaman, & Anthony Cambra	Systems Enterprise Architecture IT Solutions
Undergrad	Public Health	Project	Trisha Good	Disparate Rates of HIV Diagnoses in African American Youth
Undergrad	Public Health	Project	Tihani Kalaaukahi	Decreasing the prevalence of GDM amongst the Native Hawaiian Population
Undergrad	Public Health	Project	Ronalyn Adajar	Lowering The Rate of Suicide in Alaska
Undergrad	Public Health	Project	Chaney Manarin	Lowering the Rate of HIV/AIDS in Africa
Undergrad	Public Health	Project	Britany Manabe	Addressing Adverse Childhood Experiences Among Children of Low-Income Households in the United States
Undergrad	Public Health	Project	Rachel Olegario	Sudden Infant Death Syndrome in Hawaii
Undergrad	Social Work	Research	Lavon Petersen	Qualitative Study on the Usage of Single Room Occupancies to House Severely Mentally Ill & Low-Income Homeless Individuals
Undergrad	TESOL	Internship	Eri Noguchi & Reyn Okamura	Fostering Language Learning Through Communicative Skill Development
Grad	Education	Research	Rosa Bell	The Impact Of Motivation Through Incentives On Learning in A Foreign Language Class
Grad	Marine Science	Internship	Kjersti Johnson	Seafloor Mapping at Oceanic Imaging Consultants
Grad	Marine Science	Internship	Beverly Beebe	Impact of Marine Debris on Whales and Dolphins in Hawai'i
Grad	Marine Science	Research	Ashley Fossett	2015-2017 He'eia Coral Reef Recovery Following the 2015 Bleaching Event Kāne'ohe Bay, Oahu
Grad	Public Health	Research	Jerson Timbobolan	Verification of PCR Method as Component for Surveillance on CRE (Carbapenem-resistant Enterobacteriaceae)
Grad	Social Work	Research	Patrick Taylor	The Impact of Technology-Based Intervention Prevention Support Services and Systems on Suicidal Ideation

SESSION TWO: 12:30-1:55

Division	Major	Category	Presenter(s)	Title
Undergrad	Computer Science	Project	Reggie Acoba, Rian Blahut, & Conrado Sanchez	Computer Vision: Motion Detection Cam
Undergrad	Computer Science	Project	Candace Farris, Tyler Atiburcio, & Alter Calubana	Harvest Vision
Undergrad	Mass Communication	Project	MC 4900: DeShawn Christmas & Evie Bonnevier Lindbom	The Ocean Spray Experience
Undergrad	Political Science	Research	Zena Falaniko	Punitive Punishment and the Opioid Epidemic
Undergrad	Political Science	Research	Brittany Bardsley-Marcial	The Growth of Housing First
Undergrad	Public Health	Project	Caroline Stoner	Lowering the rate of obesity in adolescents by promoting healthier diets
Undergrad	Public Health	Project	Wilda Cielo	Addressing Substance Abuse Among Middle School Students In The Island of Hawai'i
Undergrad	Public Health	Project	Genie Jane Reutirez	The correlation between unintended pregnancies and low income women ages 18-30
Undergrad	Public Health	Project	Giselle Aagsalud	Dengue Fever in South America
Undergrad	TESOL	Internship	Whitney Hartford	Strategies to Develop Students' Capacity Reading Level at Hawaii Literacy
Undergrad	TESOL	Internship	Britney Largent & Michelle Manganello	Gamifying the Language Classroom
Grad	Education	Internship	Amanda Desmond	Teaching Comedy as a Common Language in Middle Schoolers
Grad	Marine Science	Internship	William Duritsch	Husbandry practices and conditions for the successful survival and growth of deep sea gorgonians at the Waikiki Aquarium
Grad	Social Work	Research	Lisa Blair	Online Misinformation, Critical Thinking, and Social Work Practice
Grad	Social Work	Research	Sieun Kong	The Role of Social Work in CSR: The Social Work Delphi Study
Grad	Social Work	Research	Aja Murillo	Influences of Substance Use Initiation Among People Who Grow Up in Hawaii
Grad	Social Work	Research	Michaela Arnett	A Comparative Study of Factors Contributing to Substance Use: Military vs. Civilian Youth
Grad	Social Work	Research	Raquel Curtis	Injection Drug Treatment: Understanding the Deleterious Role of Shame
Grad	TESOL	Internship	Romina Castagno	Experiential Language Learning with Food: A theme-based unit of instruction for beginner ESL students

SESSION THREE: 2:05-3:30

Division	Major	Category	Presenter(s)	Title
Undergrad	Cinematic Production	Creative Work	Gabriella Marzullo	Bud & Daisy
Undergrad	Cinematic Production	Creative Work	Moe Iinuma	Students React
Undergrad	Cinematic Production	Research	Gabriele Schiefer	Old Cartoons: Reactions to Hanna-Barbera Productions
Undergrad	Cinematic Production	Creative Work	Lucie Nie	Phoenix
Undergrad	Cinematic Production	Creative Work	Alexandria Allen, Izzy Ronsse, & Keola Domingo	Burger Joint
Undergrad	Integrated Multimedia	Creative Work	Kristin Niizawa	Rainbow State: A Collection of Cinemagraphs
Undergrad	International Studies	Research	Leslie Thai	The Impact of Economic Development on Human Rights
Undergrad	Marine Biology	Research	Cherise Spotkaeef	Genomic Annotation of a Novel Thermophilic Virus from the Oceanic Basement
Undergrad	Marine Biology	Research	Kaylee Scidmore-Rossing	Lasting Impressions: Determining total length of Galeocerdo cuvier tiger sharks using partial bite impressions in Hawaiian waters
Undergrad	Political Science	Research	Harley Didriksen	The Path to Citizenship: Economic Implications for Refugees
Undergrad	Political Science	Research	Allison Carone	Mind the Gap: Gender Parity in National Legislatures and Violence Against Women
Undergrad	Psychology	Research	Hector Ordonez	Personality Traits as a Predictor of Leadership of South-American Presidents
Undergrad	Public Health	Project	Rachel Camarin A. Gonzales	Addressing the Mental Health of Male Prisoners in the United States
Undergrad	Public Health	Project	Eunice Seet	What can we learn from Zika in Brazil?
Undergrad	Public Health	Project	Andrew Tang	Opioids in Maternal and Child Health
Grad	Education	Research	Heather Delgado	Improving Learning Effectiveness by Considering Learning Styles
Grad	Education	Internship	Chanel Kawasaki	Teaching an Introduction to Shakespeare's Romeo and Juliet
Grad	Information Systems	Project	Sodbileg Chuluunbaatar	Oahu Vehicle Parking Space Rental Website
Grad	Information Systems	Project	Alex Wurzel, Blake Mateo, Cameron Chin, Ron Lum, & Niju Shrestha	Integrated Graduate Degree Plan Management Tool
Grad	Information Systems	Project	Craig Riley, William Daywalt, Donald Indermuehle, & Craig Kandler	City and County of Honolulu Emergency Call Center System Application
Grad	Information Systems	Research	Alex Wurzel, Don Indermuehle, Will Daywalt, Craig Kandler, Niju Shrestha, Sodbileg Chuluunbaatar, & Blake Mateo	IT in the Hospitality Industry
Grad	TESOL	Research	Justin Pannell	Negotiating Emancipatory Topics in View of Problem-Posing and Banking Education: A Critical Ethnography of Temporary Resident ESL Learners

Award Ceremony: 4:00-4:45

DOOR PRIZES AT THE END OF EACH SESSION!

<https://www.hpu.edu/about-us/student-success/capstone-symposium/index.html>

