

**CHERIE H. L. CHU, PHARM.D., BCCCP**  
**Associate Professor of Pharmacy Practice**

**PERSONAL INFORMATION**

Current Contact  
Information:



**EDUCATION AND TRAINING**

2012-2013	Critical Care Specialty Residency (ASHP Accredited) Sheri Tokumaru, PharmD. BCPS, Residency Director University of Hawaii at Hilo Daniel K. Inouye College of Pharmacy and The Queen's Medical Center Honolulu, HI.
2011-2012	Clinical Pharmacy Practice Residency (ASHP Accredited) Mary Manning, PharmD., BCPS, Residency Director Banner Baywood Medical Center Mesa, AZ.
2007-2011	Doctor of Pharmacy University of Hawaii at Hilo Hilo, HI.
2000-2005	Bachelors of Science in Chemistry University of Hawaii at Manoa Honolulu, HI.

**PROFESSIONAL LICENSURE AND CERTIFICATIONS**

Jul 2017 – Present	Board Certified Critical Care Pharmacist: # 7151198
Dec 2013 – 2021	Board Certified in Pharmacotherapy: # 3130355
Jul 2011 – Present	Arizona State Pharmacist License: # S018635
Jul 2011 – Present	Hawaii State Pharmacist License: # PH-3269

## **PROFESSIONAL EXPERIENCE**

Jan 2014 – Present

Clinical Pharmacist (Call-in)  
Emergency Department  
The Queen's Medical Center  
Honolulu, HI.

- Clinical Pharmacist in the emergency department and the clinical decision unit.
- Clinical functions include providing drug information to health care professionals, pharmacokinetic dosing and monitoring, participate in trauma and code blue team response.
- Medication order entry and verification in computerized physicians order entry system.
- Prepare medication admixtures in the emergency department as needed.
- Perform medication histories, discharge counseling and education to patients seen in the emergency department.

Oct 2013 – Present

Associate Professor/ ICU Clinical Pharmacist  
University of Hawaii at Hilo Daniel K. Inouye College of Pharmacy  
Practice Site: Adventist Health Castle Medical  
Kailua, HI.

- Clinical Pharmacist in the intensive care unit, telemetry unit and emergency department.
- Provides comprehensive pharmacotherapy services for ICU and associated patients, other activities include: assisting in code blue response, medication reconciliation, education and discharge counseling for ICU patients, medication order entry and verification, formulary management and protocol development.
- DKICP faculty member at Adventist Health Castle Medical providing support and mentorship to preceptors.
- Develop and foster new and current advanced practice experiential education APPE rotations for students.
- Teach, precept and supervise pharmacy students and residents at practice site.
- Lecture in didactic courses for second and third year pharmacy students.
- Coordinate third year student Integrated Therapeutics courses for Fall and Spring (IT3 and IT4).

Oct 2012 - Oct 2013	PGY 2 Critical Care Resident University of Hawaii at Hilo Daniel K. Inouye College of Pharmacy and the Queen's Medical Center Honolulu, HI.
Jun 2011 - Jun 2012	Pharmacy Practice Resident Banner Baywood Medical Center and Heart Hospital Mesa, AZ.
Aug 2010 - Nov 2010	RCUH Student Researcher University of Hawaii at Hilo Hilo, HI.
Jan 2007 - May 2011	Pharmacy Technician/ Student Intern The Queens Medical Center POB III Pharmacy Honolulu, HI.
Aug 2006 - Jul 2007	Packaging Clerk Kaiser Permanente Automated Refill Center Honolulu, HI.

## **PUBLICATIONS, PRESENTATIONS AND PERFORMANCES**

### **Peer-Reviewed Publications**

1. Chu C, Prudencio J, Gomez L, Thompson M. Generational Awareness Education as a Strategy to Prepare IPPE and APPE students for the Modern Workplace. Accepted manuscript pending publication. June 2022. (85% effort).
2. Dinh T, **Chu C**. Calming the Storm: A review of corticosteroid use in severely ill COVID-19 patients on mechanical ventilation. J Mech Vent 2021; 2(4):132-141 (50% effort).
3. **Chu C**, Lteif L, Young N. Obesity: The Drug Dose Debate. Hawaii J Med Public Health. 2017 Jun; 76(6): 162–165 (85% effort).
4. Goo R, **Chu C**, Yoneda M, Ma C. The Development of Antimicrobial Stewardship Programs in Hawai'i. Hawaii J Med Public Health. 2016 Jul; 75(7): 208–211. Contributing author for sections on; ASP Strategies and Development of Decision Support Tools (35% effort).
5. Ma C, Wong Smith H, **Chu C**, Juarez DT. Big data in pharmacy practice: current use, challenges and the future. Integrated Pharmacy Research and Practice. 2015 Aug 6; 4:91-99. Contributing author for sections on; clinical informed decision making and challenges for big data (35% effort).

6. **Chu C**, Tokumaru S, Izumi K, Nakagawa K. Obesity increases risk of anticoagulation reversal failure with prothrombin complex concentrate in those with intracranial hemorrhage. *Int J Neurosci*, 2014 Dec 27. [Epub ahead of print]. PI on research project and primary author of manuscript (90% effort).
7. Hogenauer, T.J.; Wang, Q.; Sanki, A.K.; Gammon, A.J.; **Chu, C.H.L.**; Kaneshiro, C.M.; Kajihara, Y.; Michael, K. "Virtually epimerization-free synthesis of peptide- $\alpha$ -thioesters" *Org. Biomol. Chem.* **2007**, 5, 759-762. Undergraduate research assistant involved with the development of various synthesis routes for peptide- $\alpha$ -thioesters (15% effort)

### **Posters Presented at Professional Meetings**

1. Tsoi N, Paulachak K, Wong N, **Chu C**. Comparison of Hospital-Acquired *Clostridium difficile* Infection Onset in Patients Receiving Stress Ulcer Prophylaxis: A Retrospective Study. Presented at the ASHP Midyear Clinical Meeting. Anaheim, California. December 4, 2018. Poster presented at national meeting. Precepted 3 UHH DIKCP students on project. PI on the project with respect to research design, IRB submission. Oversaw data-collection and analysis. Taught students how to design poster, extensively reviewed and edited content (45% effort).
2. Ortiz M, Medeiros T, **Chu C**. A retrospective evaluation of the appropriate use of piperacillin-tazobactam at a small community hospital in Hawaii. Presented at the ASHP Midyear Clinical Meeting. Orlando, Florida. December 6, 2017. Poster presented at national meeting. Precepted 2 UHH DIKCP students on project. PI on the project with respect to research design, IRB submission. Oversaw data-collection and analysis. Taught students how to design poster, extensively reviewed and edited content (45% effort).
3. **Chu C**, Guimaraes A. Assessment of potential cost-savings with use of newer antimicrobial agents in a small community out-patient infusion center in Hawaii. Presented at the ASHP Midyear Clinical Meeting. Las Vegas, Nevada. December 5, 2016. Poster presented at national meeting. Presenter and PI on project. Designed research, submitted IRB, reviewed data, and created poster (85% effort).
4. Gilliam E, **Chu C**, Gomez L. Learners' Perspectives of Structural Learning in an Emergency Medicine Pharmacy Practice Experience. Poster presentation at the American Association of Colleges of Pharmacy (AACP) Annual Meeting. National Harbor, Maryland. July 12, 2015. Poster presented at national meeting. Helped with data-collection, analysis and poster (35% effort).
5. Yanagisawa A, Young N, Auyeung C, **Chu C**. Assessing the need for anti-Xa levels to monitor enoxaparin in obese patients in a small rural community hospital in Hawaii. Poster presented at the American Society of Health-System Pharmacist (ASHP) Midyear Clinical Meeting. Anaheim, California. December 9, 2014. Poster presented at national meeting. Precepted 3 UHH DIKCP students on project. PI on the project with respect to research design, IRB submission. Oversaw data-

collection and analysis. Taught students how to design poster and extensively reviewed content (75% effort).

6. Osugi A, Ishizuka K, Young N, **Chu C**, Tokumaru S. Assessing Treatment Options for Promoting Cognitive and Functional Recovery in Traumatic Brain Injury. Poster presented at the ASHP Midyear Clinical Meeting. Anaheim, California. December 9, 2014. Poster presented at national meeting. Precepted 3 UHH DIKCP students on poster conception, construction of poster and reviewed content (35% effort).
7. **Chu C**, Tokumaru S, Izumi K, Nakagawa K. Predictors of Anticoagulation Reversal Failure with Prothrombin Complex Concentrate in Patients with Acute Intracranial Hemorrhage. Encore Poster Presentation at the Hawaii Pharmacist Association (HPhA) Annual Meeting, Honolulu, HI. April 5, 2014. Poster presented at local meeting. Presenter and PI on project. Designed research, submitted to IRB, collected and analyzed data, wrote presentation and created poster (90% effort).
8. **Chu C**, Tokumaru S, Izumi K, Nakagawa K. Predictors of Anticoagulation Reversal Failure with Prothrombin Complex Concentrate in Patients with Acute Intracranial Hemorrhage. Presented at the Neurocritical Care Society (NCS) Annual Meeting, Philadelphia, Pennsylvania. October 3, 2013. Poster presented at national meeting. Presenter and PI on project. Designed research, submitted to IRB, collected and analyzed data, wrote presentation and created poster (90% effort).
9. Au A, **Chu C**, Cai D, Adriance-Mejia D. Nebulized Morphine: A case report. Poster presented at the ASHP Midyear Clinical Meeting. Las Vegas, Nevada. December 7, 2009. Poster presenter at national meeting. Data query and construction of poster (50% effort).

### **Invited Continuing Education Presentations**

1. Non-narcotics for Chronic Pain. Hawaii State Rural Health Association, Behavioral Health ECHO Speaker. (1 hour), Honolulu, Hawaii. November 22, 2022.
2. *Pharmacology of Covid-19 Treatment: Exposé of treatments seen in the media*. UH West Oahu Contact Tracer Course (PUBA 446). (1 hour), Honolulu, Hawaii. June 26, 2020.
3. Preceptor Training: Enhancing student self-assessment during clinical rotations. Tripler Army Medical Center DKCIP preceptor training (1 hour CE), Honolulu, Hawaii. February 28, 2019.
4. Preceptor Training: Enhancing student self-assessment during clinical rotations. VA Hawaii DKICP preceptor training (1 hour CE), Honolulu, Hawaii. February 28, 2019.
5. Hawaii Antimicrobial Stewardship Collaborative Workshop: 101 for Long Term Care Facilities (LTCF): Getting to Know Your Program; ASP Transitions of Care (TOC)

Workshop: Is Your Care as Coordinated as Your Wardrobe? Association for Professionals in Infection Control and Epidemiology (APIC) Hawaii Conference (8 hour CE), Honolulu, Hawaii. Nov 5, 2018.

6. Preceptor Training: Mentoring and working with the next generation. Kaiser Permanente Hawaii DKCIP preceptor training (1 hour CE), Honolulu, Hawaii. October 17, 2018.
7. Preceptor Training: Facilitating Learning of the Next Generation Learner. UHH DKICP annual preceptor training (1.5 hour CE), Hilo, Hawaii. April 29, 2018.
8. Preceptor Training: Facilitating Learning of the Next Generation Learner. UHH DKICP annual preceptor training (1.5 hour CE, 2 separate sessions), Honolulu, Hawaii. March 29, 2018.
9. Preceptor Training: Facilitating Learning of the Next Generation Learner. Tripler Army Medical Center and Veterans Affairs Clinic (1 hour CE), Honolulu, Hawaii. January 18, 2018.
10. Critical Care Pharmacy Practice and Residency. Guest Speaker the Hawaii Student Society of Health-System Pharmacy and Academy of Managed Care Pharmacy (1 hour), Hilo Hawaii. October 25, 2017.
11. Hawaii Antimicrobial Stewardship Certificate Program. Hawaii Antimicrobial Stewardship Collaborative (HASC) longitudinal training program. (10 hour CE), Hawaii. Enrollment open from October 15, 2016 – July 31, 2017.
12. Hawaii Antimicrobial Stewardship Collaborative Workshop. Association for Professionals in Infection Control and Epidemiology (APIC) Hawaii Conference (1.75 hour CE), Honolulu, Hawaii. July 22, 2016.
13. "Bridging the Gaps: ASP related Guidelines (2016 Update)". Hawaii Antimicrobial Stewardship Initiative webinar (1 hour CE), Honolulu, Hawaii. July 1, 2016.
14. "MIST: A New Paradigm for Managing Infected Pleural Infections". Castle Medical Center Grand Rounds (1 hour CE), Kailua, Hawaii. May 31, 2016
15. "Getting to know the NOACs: Update on the New Oral Anticoagulants". HPhA Annual Meeting (1 hour CE), Honolulu, Hawaii. March 7, 2015.

### **Standard Operating Procedures and Protocols**

1. Andexanet Alfa Protocol. Adventist Health Castle Medical, Kailua, Hawaii. October 2018
2. ICU titrations order set. Adventist Health Castle Medical, Kailua, Hawaii. October 2018

3. Neurosurgical admission order set. Adventist Health Castle, Kailua, Hawaii. January 2018.
4. Review and re-development of CIWA protocol. Adventist Health Castle, Kailua, Hawaii. March 2018.
5. Probiotics and Yogurt Initiative. Adventist Health Castle, Kailua, Hawaii. March 2018.
6. Review and revision of Post-operative open heart order set. Adventist Health Castle, Kailua, Hawaii. March 2018.
7. Intravenous Immunoglobulin (IVIG) administration guidelines. Adventist Health Castle, Kailua, Hawaii. May 2018.
8. Vancomycin Process Improvement Project- Part 1. Castle Medical Center, Kailua, Hawaii. April 2016.
9. Vancomycin Process Improvement Project- Part 2. Castle Medical Center, Kailua, Hawaii. April 2016.
10. Ketamine infusion for sedation. Castle Medical Center, Kailua, Hawaii. March 2015
11. Antimicrobial Stewardship Program Development. Castle Medical Center, Kailua, Hawaii. January 2015 – Present.
12. Heparin drip protocol. Castle Medical Center, Kailua, Hawaii. October 2014 – Present.
13. Pentobarbital infusions for status epilepticus. Castle Medical Center, Kailua, Hawaii. July 2014.

#### **GRANTS/ EXTRAMURAL FUNDING**

1. Roy Goo, **Cherie Chu**, Aryn You, Nicole Young. Mocha Minutes Project Enhancement. Co-investigator: Cherie Chu; Granting Agency: Hawaii Department of Health.  
Status: awarded \$130,000; May 1, 2021.
2. Roy Goo, **Cherie Chu**, Aryn You, Bryce Fukunaga. Statewide Quality. Co-investigator: Cherie Chu; Granting Agency: Mountain Pacific Quality Health.  
Status: awarded \$20,000; June 1, 2018.
3. Louis Lteif, **Cherie Chu**, Roy Goo. Establishment of the Pacific Islands Antimicrobial Stewardship Collaborative (PIASC).

Principal Co-investigators: Louis Lteif and Cherie Chu; Granting agency: Pfizer Independent Grants for Learning and Change, in collaboration with the Joint Commission; Letter of Intent submitted May 2018; Status: attempted, requested funding \$200,000.

4. **Cherie Chu.** Travel Award 2016 ASHP Midyear Clinical Conference. Granting Agency: University of Hawaii at Hilo Research Council. Status: awarded \$2,200; October 12, 2016. Date of travel: December 2016.
5. **Cherie Chu, Roy Goo, Louis Lteif.** Antimicrobial Stewardship Certificate and Continuing Education Course. Principal Investigator: Cherie Chu; Granting Agency: Hawaii Department of Health. Status: awarded \$14,525; May 23, 2016.
6. Roy Goo, **Cherie Chu.** Hawai'i Antimicrobial Stewardship Collaborative (HASC). Co-investigator and Site Coordinator for the island of O'ahu: Cherie Chu; Granting Agency: Hawaii Department of Health. Status: awarded \$3,000; October 6, 2015.
7. **Cherie Chu, Dan Bendtson, Deborah Tiara-Juarez, Carolyn Ma.** Evaluation of enoxaparin for venous thromboembolism prophylaxis among hospitalized obese patients in Hawaii. Principal Investigator: Cherie Chu; Granting agency: RMATRIX-II; Letter of Intent submitted January 2015; Status: attempted.
8. **Cherie Chu, Carolyn Ma.** Purdue Know Pain, Know Gain Pharmacy Patient Pain Counseling Competition. Application submitted September 2014 and accepted for \$500 in grant funds to hold a pain counseling competition at the HPhA annual meeting. March 2015. Status: application accepted; grant not awarded due to last minute withdrawal from grant due to scheduling issues with HPhA.

## **RESEARCH PROJECTS**

1. Inter-generational awareness of pharmacy students. University of Hawaii Daniel K Inouye College of Pharmacy and University of Colorado Skaggs School of Pharmacy and Pharmaceutical Science, Honolulu, Hawaii. March 2019 – May 2022
2. Comparison of Hospital-Acquired *Clostridium difficile* Infection Onset in Patients Receiving Stress Ulcer Prophylaxis. University of Hawaii Daniel K Inouye College of Pharmacy and Castle Medical Center, Honolulu, Hawaii. August 2018
3. A retrospective evaluation on the appropriate use of piperacillin-tazobactam at a small community hospital in Hawaii. University of Hawaii Daniel K Inouye College of Pharmacy and Castle Medical Center, Honolulu, Hawaii. August 2017- January 2018
4. Assessment of potential cost-savings with use of newer antimicrobial agents in a small community out-patient infusion center in Hawaii. University of Hawaii Daniel k Inouye



5. Assessing the Need for anti-Xa levels to Monitor Enoxaparin in Obese Patients in a Small Rural Community Hospital in Hawaii. University of Hawaii Daniel k Inouye College of Pharmacy and Castle Medical Center, Honolulu, Hawaii. October 2014 – May 2017
6. Novel Treatment Strategies in Refractory Status Epilepticus, a case report. University of Hawaii at Hilo College of Pharmacy and The Queen's Medical Center, Honolulu, Hawaii. December 2012 – January 2016
7. Warfarin Reversal for Intracranial Hemorrhage Using an Institutional Prothrombin Complex Protocol. University of Hawaii at Hilo College of Pharmacy and The Queen's Medical Center, Honolulu, Hawaii. October 2012 – June 2013

#### **SERVICES TO THE COLLEGE, UNIVERSITY, COMMUNITY AND PROFESSION**

Sept 2022- Present	Member, Emergency Medicine Section Faculty Development Subcommittee, Society of Critical Care Medicine
May 2021	Panel Member, High school medical problem-solving course, Health Career Opportunities Panel @ UH JABSOM
Sept 2020- Present	Committee Member, Chair 2021, Pharmacy Practice Departmental/ Division Personnel Committee, UHH DKCIP
June 2019	Coordinator and Facilitator, IT Retreat, UHH DKCIP
June 2019	Panel Member, High school medical problem-solving course, Health Career Opportunities Panel @ UH JABSOM
Apr 2019	Workshop Facilitator, JHOC Annual Workshop, UH JABSOM
Spring 2019	Faculty Participant, Interprofessional Education Simulation: HIPTCS, UH Manoa Nursing, JABSOM and UHH DKCIP
Spring 2019	Faculty Participant, Interprofessional Education Simulation: TELIPoRT, UH Manoa Nursing, JABSOM and UHH DKCIP
Spring 2019- Present	Member, Pharmacy Practice DPC Revision Workgroup, UHH DKCIP

Spring 2019- Present	Member, Student Recruitment Workgroup, UHH DKICP
Feb 2019	Guest Panel Speaker, JHOC Career Panel, UH JABSOM
Fall 2018- Present	Lead/ Chair, IT Coordinator Committee, UHH DKICP
Spring 2018	Faculty Participant, Interprofessional Education Simulation: HIPTCS, UH Manoa Nursing, JABSOM and UHH DKICP
Fall 2017- Present	Member, DKICP Alumni Advancement Team, UHH DKICP
Oct 2017	Interviewer, Acute Medicine Residency Program, P3 Mock Residency Interviews, UHH DKICP
Oct 2017	Faculty Coordinator, Residency “Boot Camp” Workshop for DKICP P4 students, UHH DKICP
Spring 2017- Fall 2018	Committee Member, Assistant, Associate, or Full Professor of Pharmacy Practice Search Committee, UHH DKICP, Position #73326, 73424, 73428, 73430, 86364
Spring 2017	Faculty Participant, Interprofessional Education Simulation: HIPTCS, UH Manoa Nursing, JABSOM and UHH DKICP
Jan 2017	Interviewer, Acute Medicine Residency Program, P3 Mock Residency Interviews, UHH DKICP
Oct 2016	Faculty Coordinator, Residency “Boot Camp” Workshop for DKICP P4 students, UHH DKICP
Oct 2016	Judge, DKICP HSSHP Clinical Skills Competition, UHH DKICP
May 2016 - Present	HASC ASP Training Certificate Program, HASC Education Coordinator and Program Developer
Spring 2016	Faculty Participant, Interprofessional Education Simulation: HIPTCS, UH Manoa Nursing, JABSOM and UHH DKICP
Oct 2015 - Present	Site coordinator Oahu and Education Coordinator, Hawaii Antimicrobial Stewardship Collaborative (HASC)
Oct 2015	Judge, DKICP HSSHP Clinical Skills Competition, UHH DKICP

Fall 2015- Present	Committee Member, Committee Chair (2015 - 2016), Awards Committee, UHH DKICP
Fall 2015- Present	Committee Member, Graduate Sciences Education, Graduate Student Affairs, and Joint Program Degrees committee, UHH DKICP
Spring 2015- Present	Committee Member, Distance Learning and Education Technology Committee, UHH DKICP
Spring 2015- Spring 2016	Committee Member, Professionalism Committee, UHH DKICP
Fall 2014- Fall 2015	Committee Member, Tenure Track Faculty Search Committee, UHH DKICP, Position #73333 & 73326
Oct 2014	Faculty Coordinator, Residency "Boot Camp" Workshop for DKICP P4 students, UHH DKICP
Nov 2014	Judge, DKICP HSSHP Clinical Skills Competition, UHH DKICP
Mar 2014	Faculty Representative, UH Manoa Pre-Pharmacy Club, UHH DKICP
Spring 2014- Present	Invited Member, Critical Care Committee, AHCM
Spring 2014	Committee Member, Clinical Track Faculty Search Committee, UHH DKICP, Position #73398
Spring 2014	Committee Member, Student Scholarship and Awards Committee, UHH DKICP
Oct 2013	Faculty Coordinator, Residency Workshop for UHH CoP Students, UHH CoP

### **COURSES CURRENTLY TAUGHT**

#### **Experiential Teaching (Site Development, Rotation Implementation and Instruction)**

Spring 2019	PGY 2 Critical Care Resident Preceptor
Spring 2014- Present	PHPP 542/544/545 Acute Medicine/ Cardiac Care Unit/ Medical Intensive Care Unit/ Academic

Spring 2014-Present	PHPP 505 Introductory Pharmacy Practice Experiential V-Institutional
Fall 2013- Present	Acute Medicine Weekly Seminar 20-30 Students per week depending on rotation schedules 6 Residents (1 resident per week depending on schedule)

### Didactic Teaching

Fall 2020- Present	PHPP 515 Integrated Therapeutics I <ul style="list-style-type: none"> <li>• Instructor <ul style="list-style-type: none"> <li>○ Shock syndromes</li> </ul> </li> </ul>
Fall 2016- Present	PHPP 517 Integrated Therapeutics III <ul style="list-style-type: none"> <li>• Course Coordinator (7 credit course)</li> </ul>
Spring 2016-2020	PHPP 516 Integrated Therapeutics II <ul style="list-style-type: none"> <li>• Instructor <ul style="list-style-type: none"> <li>○ Infective Endocarditis</li> </ul> </li> </ul>
Spring 2015, 2016, 2021-Present	PHPP 518 Integrated Therapeutics IV <ul style="list-style-type: none"> <li>• Course Coordinator (7 credit course)</li> </ul>
Fall 2015- Present	PHPS 511 Pharmacokinetics <ul style="list-style-type: none"> <li>• Instructor <ul style="list-style-type: none"> <li>○ Traditional Aminoglycosides</li> <li>○ Digoxin</li> <li>○ Traditional Vancomycin</li> </ul> </li> </ul>
Spring 2014- Present	PHPP 504 Introductory Pharmacy Practice Experiential IV <ul style="list-style-type: none"> <li>• Instructor</li> </ul>
Spring 2014- Present	PHPP 518 Integrated Therapeutics IV <ul style="list-style-type: none"> <li>• Instructor <ul style="list-style-type: none"> <li>○ Critical Care</li> </ul> </li> </ul>
Fall 2013- Present	PHPP 517 Integrated Therapeutics III <ul style="list-style-type: none"> <li>• Instructor <ul style="list-style-type: none"> <li>○ Nutrition Support</li> <li>○ Pain Management</li> <li>○ Medical Marijuana</li> <li>○ Systemic Lupus Erythematosus</li> <li>○ Fibromyalgia</li> </ul> </li> </ul>

## **MEMBERSHIPS**

Feb 2021- Present	Society of Mechanical Ventilation
May 2016 - Present	Neurocritical Care Society
Jun 2013 – 2019; 2022 – Present	Society of Critical Care Medicine
Jan 2012 - Present	American College of Clinical Pharmacy
Aug 2009 - Present	American Society of Health-System Pharmacists
Feb 2008 - Present	Hawaii Pharmacists Association

## **AWARDS AND HONORS**

Oct 2018	Pharmacist of the Year Nominee, Hawaii Pharmacists Association
Academic Year 2014-2015	Faculty Preceptor of the Year Award
May 2011	Mylan Pharmaceuticals Excellence in Pharmacy Award
May 2009	Hawaii Pharmacists Association Edmund E. Ehlke Scholarship

## **EDITORIALS AND REVIEWING ACTIVITIES**

Oct 2017	Manuscript Peer Reviewer. Clinical Neurology and Neurosurgery
Mar 2017	Abstract Review 6th Annual Hawaii Pharmacist Association Poster Presentation Session Hawaii Pharmacist Association Honolulu, HI.
Mar 2016	Abstract Review 5th Annual Hawaii Pharmacist Association Poster Presentation Session Hawaii Pharmacist Association Honolulu, HI.
Jan 2016	Manuscript Peer Reviewer. Pharmacy Practice Journal

Mar 2015

Abstract Review  
4<sup>th</sup> Annual Hawaii Pharmacist Association Poster  
Presentation Session  
Hawaii Pharmacist Association  
Honolulu, HI.

Mar 2014

Abstract Review  
3<sup>rd</sup> Annual Hawaii Pharmacist Association Poster  
Presentation Session  
Hawaii Pharmacist Association  
Honolulu, HI.

Feb 2023