


CAROLYN MA, PHARM.D., BCOP, CHTP/I
Curriculum Vitae

Associate Professor and Chairman
Department of Pharmacy Practice
The Daniel K. Inouye College of Pharmacy
University of Hawaii at Hilo



EDUCATION

Advanced Oncology Resident - Oncology Pharmacotherapy Practice
The Hospital of the University of Pennsylvania
Department of Pharmacy and Drug Information
Philadelphia, Pennsylvania
July 1987- August 1988

Clinical Resident-Clinical Pharmacy Practice
Thomas Jefferson University Hospital
Department of Pharmacy
Philadelphia, Pennsylvania
July 1986-July 1987

Doctor of Pharmacy
University of California at San Francisco, School of Pharmacy
Degree Awarded March 1986

Bachelor of Science, Biology
University of Santa Clara
Santa Clara, California
Degree Awarded June 1982

WORK EXPERIENCE ADMINISTRATION

Associate Professor and Chairman Department of Pharmacy Practice UHH DKICP

June 1, 2012 – present (Chair)

- Responsible for all pharmacy practice didactic and experiential curriculum
- Supervise all pharmacy practice faculty and support personnel (26 FTE) on four islands (Hawaii, Oahu, Maui, Kauai)
- Delegate curriculum and practice workload for all department faculty
- Oversee all experiential practice sites, experiential practice faculty placements and practices
- Oversee experiential program through the Director of Clinical Education, two clinical education coordinators and two assistant clinical education coordinators
- Oversee and manage all experiential preceptors and experiential sites on four islands, South Pacific and Alaska
- Manage all international exchange programs for pharmacy practice experiential rotations – American Samoa, Saipan, Guam, Thailand, China, Japan
- Manage budget for pharmacy practice and experiential office (Budget \$1,000,000 non inclusive of salaries, facilities and capital equipment)
- Develop and receive grant funding for development of CoP Pharmacy Practice programs to include: Medication Therapy Management Program, Pharmacy Practice Residency programs, Simulation Mannequin program, Virtual laboratory, Medical Missions and Community Projects, Interprofessional education
- Develop and accredit postgraduate residency programs and supervise accreditation (0.5 PGY2 Psych, 1 PGY2 Critical Care (w. QMC), 2 Community Pharmacy Residency, 2 PGY2 Pharmacy Practice Residency in conjunction with Hawaii Pacific Health)
- Manage and assure all ACPE accreditation pertinent to department and college
- Oversee and manage all physical facilities pertinent to the department on four islands
- Mentor junior faculty in practice, teaching, scholarship and service development
- Monitor and shepherd department faculty through promotion and tenure process, conduct annual performance evaluations and set goals for practice faculty
- Work in conjunction with the Chairman for Pharmaceutical Sciences and Associate Dean for Academic Affairs in appropriate coursework development and maintenance and student activities in association with department
- Perform scholarship and teaching pertinent to current level of achievement
- Spokesperson and liaison for community partnerships pertinent to the success of the department
- Perform service at the college, university, state, profession, national and international level

- Recruit and place pharmacy practice faculty for hospital, ambulatory care and other faculty positions

Associate Professor

Department of Pharmacy Practice

UHH DKICP

January 2010 – May 2012 (Oahu based)

Duties:

- Present didactic curriculum for pharmacy practice related areas
- Oahu experiential coordinator
- Manage operations for Oahu office and mentor six faculty
- Perform and publish scholarship in peer reviewed publications and conferences
- Provide service to department, college, university, state and national pharmacy organizations

Associate Professor and Chairman

Director of Pharmacy Practice Experiences

Department of Pharmacy Practice

UHH DKICP

November 2008 – March 2010

- Responsible for all pharmacy practice didactic and experiential curriculum
- Supervise all pharmacy practice faculty and support personnel (10 FTE)
- Manage budget for pharmacy practice and experiential office (Budget \$1,000,000 non inclusive of salaries, facilities and capital equipment)
- Develop and receive grant funding for development of CoP Pharmacy Practice programs to include: Medication Therapy Management Program, Pharmacy Practice Residency programs, Simulation Mannequin program, Virtual laboratory, American Samoa Medical Missions and Community Projects
- Manage and supervise placement of neighbor island faculty
- Oversee and manage experiential program

Associate Specialist

Director of Pharmacy Practice Experiences/Clinical Coordinator

UHH DKICP, Hilo, Hawaii.

April 2007 – March 2010

- Create, develop and implement pharmacy practice experience sites, IPPE and APPE courses, recruit and train pharmacist preceptors
- Teach didactic and experiential course work for pharmacy practice courses
- Serve and chair various college and University committees
- Perform scholarship, innovation and design
- Training for experiential site pharmacy preceptors and site development

Pharmacy Administration and Management Consultant and Project Coordinator (consultant)

Stanford Hospitals and Clinics - Stanford, California
May 2006 – March 2007 (see below)

Change Management and Communications Project Coordinator for EPIC EMR conversion

The Queen's Medical Center – Honolulu, Hawaii
May 2005 – February 2006

- Coordinate unit and integrative testing of Epic/CARE*Link computer systems for implementation planning.
- Coordinate and implement communications and change management support strategy for QMC hospital staff and physicians.
- Coordinate and implement Go Live strategy for seven computer system conversion to Epic/CARE*Link computer system.

Systems and Pharmacy Management Consultant (Consultant)

San Mateo County Hospital – San Mateo, California
January 2005 – March 2005

- Evaluate clinical systems, clinic and pharmacy workflow, nursing and pharmacy education and staffing for cancer clinic.
- Re-design cancer clinic workflow processes to meet safety and efficiency standards.
- Educate nursing and pharmacy professionals on chemotherapy pharmacology, safe chemotherapy practice and administration.
- Design and implement chemotherapy order sets for clinic oncologist.

Pharmacy Management Consultant and Joint Commission (JCAHO) Preparation Coordinator (Consultant)

Stanford Hospitals and Clinics - Stanford, California
April 2003 – August 2004

- Joint Commission Survey Readiness, Chair - Medication Management Chapter
 - Revise current departmental policies and procedures
 - Develop and implement departmental and interdepartmental clinical services for compliance to 2004 JCAHO Medication Management Chapter – i.e. High Risk Medications, Look Alike/Sound Alike, Rapid IV Infusion Program
 - Survey March 2004 – Accreditation awarded – Medication Management Chapter without recommendations)
 - Educate and prepare hospital staff for survey readiness
 - Develop, implement and maintain Pharmacy Quality Assurance program – DUE, PI, Six Critical Processes of Medication Management
- Pharmacist and Pharmacy Technician Staff Competency and Education
- Develop and Implement Medication Waste Management Program
- USP 797 – Sterile Products Refurbishing Needs Assessment
- Assist in problem solving pharmacy operations and systems management

- issues
- Precept pharmacy students (UCSF) and residents for pharmacy administration rotation

External Consultant

AmMed International Corporation – Hong Kong, China

March 2002 – December 2002

- Assessment of clinical operations systems
- Problem solve electronic order entry system and nursing assessment and documentation
- Continuing education of nursing, physician and pharmacy staff

Vice President for Clinical Program Development

AmMed International Corporation - Hong Kong, China

October 2000 - December 2001

- Create and Develop AmMed Women's Health Center, Admiralty, Hong Kong
- Hiring and training and professional staff development (Nursing, technician, management staff, physician staff)
- Develop clinic operations work flows and systems management
- Develop and implement quality assurance program
- Supervise facility construction and technical development

Create and Develop AmMed Cancer Center at Hong Kong Adventist Hospital

- Development of Human Resources - job description, hire, training, evaluations for clinic nurses, clerical staff and managers
- Development of all clinical policies, operational procedures, treatment guidelines
- Development of technical clinical aspects including all medical equipment, pharmaceutical manufacturing, outpatient chemotherapy and radiation therapy treatment areas.
- Create and develop computerization of electronic chart system and clinical pathways, physician order entry chemotherapy and laboratories, patient registration, demographics and billing, nursing assessment, and medication administration documentation.
- Quality assurance of clinical operations and systems efficiency
- Develop and implement clinic interface with hospital inpatient and outpatient departments – laboratory services, radiology, pharmacy, medical records
- Develop and implement clinic fee schedule and reimbursement schemes
- Hire and supervise Clinic Operations Manager and staff

Organizational Change Consultant

The Queens Medical Center – Organizational Change

Honolulu, Hawaii

October 1998 – May 2000

Carolyn SJ Ma

- Led work teams for systems and organizational change – re-design all clinical roles, and patient care delivery systems
- Chairperson – Communications and Logistics team

Manager, Clinical Pharmacy Services

The Queen's Medical Center - Pharmacy Services

Honolulu, Hawaii

1993-1994

- Developed and expanded clinical pharmacy satellite services.
- Supervise and develop clinical pharmacy specialist staff (8 specialties), operational supervisor and staff pharmacists
- Developed monitoring tools for quality assurance of clinical pharmacy services

WORK EXPERIENCE

CLINICAL PHARMACY PRACTICE EXPERIENCE

Clinical Pharmacy Specialist in Oncology and Pain Management

The Queen's Medical Center
Honolulu, Hawaii
1988-2000

Responsibilities:

Clinical Practice:

- Identify, initiate and develop clinical pharmacotherapy program that perpetuate a progressive oncology service.
- Provide economically effective case management services in oncology patients requiring high dose antineoplastic chemotherapy, supportive pharmacological therapy and pain management pharmacological therapy.
- Conduct drug use evaluations that contribute to clinically therapeutic outcomes and cost effective drug therapy.
- Develop and monitor cost effective evidence based protocols and guidelines for oncology supportive care. E.g. Antiemetics, CSF's, pain management.
- Develop chemotherapy dosing, protocols and order sets for physician order entry program (CLIQ) and nursing assessment and electronic documentation for chemotherapy administration.

Research Practice:

- Coordinate pharmacy responsibilities and duties for all Phase I-IV clinical trials for investigational drug protocols and ABMT (Autologous bone marrow transplant) protocols. Serve as expert drug information source for oncology research.
- Conduct original pharmacotherapy research for supportive care in the oncology patient that contributes to advancing therapeutic practice with economic advantage.
- Coordinate and perform oncology practice and disease management evaluation. Develop practice guidelines and monitoring of outcomes.

Education:

- Serve as education resource for medical, nursing and other health care professional personnel in areas of oncology pharmacotherapy and pain management pharmacotherapy.

- Serve as oncology pharmacy preceptor for pharmacy and medical residents and students.
- Create and present written and verbal educational materials in the area of described specialties.

Institutional responsibilities:

- Pharmacy representative and resource for development of oncology policies and procedures. Ensure Joint Commission standards adherence for oncology pharmacy program.
- Participating membership on Institutional Research Board, Institutional Research Council, Cancer Committee.

TEACHING EXPERIENCE

Since DKICP Hire

Original Course Development, Implementation and Instruction

SUMMER 2013

PHPP 506 Retail Seminar for PY1 Community Pharmacy IPPE Rotation PY1 (45 students)

PHPP 542 APPE Community Retail PY4 (15 students)

Develop logistics and workshop materials for three workshops with emphasis on OSCE and patient education. Areas of manual blood pressure, asthma control and inhaler education, women issues, pediatrics, instillation of various dosage forms from eye drops, ear drops, nose drops and suppositories.

FALL 2012

PHPP 517 – Course Co-coordinator and Instructor Integrated Therapeutics III, 86 students (PY3)

40 hours of didactic lecture, 2 workshops, 2 assessment exercises, 2.5 exams – oncology, pain management and nutrition support, coordinate, correct and post all exams and assessment exercises, coordinate all instructors and topics.

SUMMER 2012

APPE 542 Retail – Seminar for PY1, 15 students

APPE 505 - Hospital Rotation – Hold medicine seminar and precept Pali Momi and Straub Hospital PY3, (15 students)

IPPE 501 Retail Seminar

Oahu seminar coordinator and instructor

PY1 students Block 1 – 30 students

PY1 Students Block 2 – 10 students

IPPE 504 Hospital Rotation Preceptor

Block 1 and Block 2 for PY2 students Pali Momi Medical Center (6 students)

Academic Rotation – Pharmacy Residents

PGY1 Resident Erika Miyahira, UH Hilo Community Pharmacy Resident, June 2012

PGY1 Resident Jill Gelviro – Arizona VA – June, July 2012

SPRING 2012

PHPP 518 Integrated Therapeutics IV – Co-coordinator and Instructor (90 students)

40 hours taught in Oncology, Pain and Nutrition support

Revised lectures, Exams 5, 6 and portion of 7, one case study, Prepare final exam

Evaluated and posted grades for 4 exams, all instructors and course topics, hold exam reviews

Fall 2012

PHPP 517 Integrated Therapeutics III – Instructor (86 students)

Develop two new lectures and exam questions for new lecture topics (3 hrs) Fibromyalgia and Systemic Lupus Erythematosis

SPRING 2011

PHPP 518 Integrated Therapeutics IV – Co-Coordinator and Instructor for Oncology, Pain Management and Nutrition

Lectures 35 hours, 90 students,

Revised lectures, created original test questions (130 questions, Exam 5,6, and 7), two case studies (one SimMan oncology case)

Coordinate all course topics, instructors, construct 7 exams and final, correct exams and post all grades, hold exam review

APPE 504 and 505 - Precept PY4 APPE Ambulatory Care and APPE Medicine seminars two days /week (45 students on Oahu)

SPRING 2010

Course Developer

PHPP 540 Advanced Pharmacy Practice Experience – Ambulatory Care (7 credit hours)

PHPP 541 Advanced Pharmacy Practice Experience – Hospital (7 credit hours)

PHPP 542 Advanced Pharmacy Practice Experience – Community Practice (7 credit hours)

PHPP 543 Advanced Pharmacy Practice Experience – Acute Care (7 credit hours)

PHPP 545 Advanced Pharmacy Practice Experience – Elective II SPRING 2010 (7 credit hours)

Spring 2010 Course Developer, Coordinator and Instructor

PHPP 522 Applied Pharmaceutical Care (PY3)

of students: 84; 3 credit hrs

Develop course structure and assignments, all debate scenarios and background, 3 new lectures, coordinate entire course. Develop all assessment tools for Debate Capstone for PY3 students.

Fall 2009

Course Developer, Coordinator and Instructor

PHPP 521 Pharmacy Management and Marketing (PY3)

of students: 84; 3 credit hrs

Developed coursework and assessment tools for 30 hours of new lectures and two major marketing projects. Student work in small groups with 51 hours of Meet the Professor sessions.

Spring 2009

Course Developer, Coordinator and Preceptor

PHPP 505 Introductory Pharmacy Practice Experiential (PY3)

of students: 88; 1 credit hr

Responsibilities includes development of course orientation, objectives, syllabi, rotation calendar, site acquisition of hospital sites on Hawaii, Maui and Oahu, preceptor training, serve as facilitator of student case presentations, supervise CoP faculty site preceptors, student and preceptor evaluation, correction of reflection statements, portfolio and assignment of grades for second year PharmD students.

Fall 2008

Course Developer, Coordinator and Preceptor

PHPP 503 and 504 Introductory Pharmacy Practice Experiential (PY2)

of students: 88; 1 credit hr.

Responsibilities includes development of course orientation, objectives, syllabi, rotation calendar, site acquisition of clinics and long term care centers, preceptor training, serve as facilitator of student case presentations, supervise CoP faculty site preceptors, student and preceptor evaluation, correction of, reflection statements, portfolio and assignment of grades for second year PharmD students.

Fall 2008

Course Developer, Coordinator and Instructor

PHPP 516 Foundations and OTC Medications

of students: 88, 1 credit hr

Developed syllabus, organized lecture calendar, developed 2 new lectures on pain management. Developed midterm and final exams, graded exams and organized and reported all grades

Fall 2007

Course Developer, Coordinator and Preceptor

PHPP 501 and 502 Introductory Pharmacy Practice Experiential IPPE (PY1)

of students: 90, 1 credit hr

Responsibilities includes development of course orientation, objectives, syllabi, rotation calendar, site acquisition, preceptor training, serve as site preceptor, student and preceptor evaluation, correction of OTC papers, reflection statements, portfolio and assignment of grades for first year PharmD students.

COURSE INSTRUCTION for UHH DKICP

Spring 2015

PHPP 520 Ethics and Law

89 students:

Lecture 3 hours - HI State Board of Pharmacy

Hawaii State Board of Pharmacy meeting – 3 hours

Fall 2014

Case Development and workshop facilitator for Interprofessional Education Case – Pediatric Oncology and Adult Geriatrics

Oct. 6, 2014

45 students in conjunction with JABSOM, SONDH and Social Work

Fall 2014

PHPP 517 Integrated Therapeutics III

89 students; 7 credit hours

21 hrs of lecture for Oncology, 1 workshop, 2 exams

Summer 2014

UHH DKICP Seminar Acute Medicine APPE/IPPE

Spring 2014

UHH DKICP Course Instructor

PHPP 520 Law and Ethics

80 students, PY2

3 hour lecture – Board of Pharmacy

Fall 2013

UHH DKICP Course Instructor

PHPP 517 Integrated Therapeutics III

89 students; 7 credit hours

20 hrs of lecture for Oncology, 1 workshop, 2 exams

Summer 2013

UHH DKICP Course Instructor – Seminar

PHPP 506 IPPE Retail Pharmacy

50 student, 1 credit hour

Summer 2013

UHH DKICP Course Instructor – Seminar

PHPP 545 APPE Community Pharmacy

10 students PY4, 1 credit hour

Fall 2012

UHH DKICP Course Instructor

PHPP 518 Integrated Therapeutics IV

84 students; 7 credit hrs

40 hrs of lectures Oncology, Pain Management and Nutrition, 2 workshops, 3 exams

Spring 2012

UHH DKICP Course Instructor

86 students; 7 credit hours

PHPP 518 Integrated Therapeutics IV

40 hrs of lectures Oncology, Pain Management and Nutrition, 2 workshops, 3 exams

Spring 2011

Course Instructor

UHH DKICP 84 students; 7 credit hours

PHPP 518 Integrated Therapeutics IV

40 hrs of lectures Oncology, Pain Management and Nutrition, 2 workshops, 3 exams

Spring 2010

Course Instructor

UHH DKICP PHPP 516 Integrated Therapeutics I

Develop 2 new lectures and present 10 hours of lecture on gastrointestinal therapeutics. Prepare exam questions and case study workshop

FALL 2009

Course Instructor

UHH DKICP Integrated Therapeutics PHPP 517

of students: 84

Developed 18 (34 hours of lecture time) new lectures for Oncology modules, three case study sessions, prepared exam questions.

SPRING 2009

Course Instructor

UHH DKICP

Integrated Therapeutics PHPP 516

Taught 15 hours of gastrointestinal therapeutics lectures; developed new lecture materials for five new topics

of students: 90, 7 credit hours

FALL 2008

Course Coordinator and Preceptor

UHH DKICP

PHPP 501, Introductory Pharmacy Practice Experiential (PY1)

90 students, 1 credit hour (100% contribution)

Course Instructor

UHH DKICP

PHPP 512 Interdisciplinary Team Care and Culture, (PY1), 90 students, 3 credit hours,

Taught 8 hours of culture lectures

SPRING 2008

Course Coordinator and Instructor

UHH DKICP

PHPS 507 Foundations of Integrated Therapeutics

Fall 2008

of students: 88, (3 credit hours)

Responsibilities include preparing new lectures (10 hrs) presenting lectures on medical terminology and enteral nutrition, development of course objectives, syllabi, development of examination materials for second-year PharmD students

Course Instructor

UHH DKICP

PHPS 505 Pharmaceutics II

students: 88, (3 credit hours)

Prepare and present 12 new lectures and development of examination materials

Lecturer

PrePharmacy Course

Fall 2008

Prepared and presented one lecture for pre-pharmacy course

FALL 2007

Course Instructor

PHPP 512 Interdisciplinary Team Care and Pharmaceutical Culture

Fall 2007 PY1 course

Students: #90 (3 credit hours)

Prepared 12 hours of new lectures, development of examination materials

TEACHING PRIOR TO UHH DKICP Hire:

May 2003 – January 2006

Pharmacy Resident (Stanford) and PharmD. Student Preceptor(UCSF)

Stanford Hospitals and Clinics

Stanford, CA

May 2003- September 2004

May 2005- January 2006

Rotations: Pharmacy Administration

July 1988 – 2000

Pharmacy Resident and PharmD Student Preceptor

The Queens Medical Center

Honolulu, Hawaii

Rotations: Oncology, Pain Management

1998- 2000

Assistant Clinical Professor

University of Hawaii School of Nursing

Honolulu, HI

1990-1994

Instructor

Kapiolani Community College

School of Nursing

Honolulu, HI

Principles of Pharmacology

1986 – 1988

Adjunct Clinical Faculty

Philadelphia College of Pharmacy and Sciences, Philadelphia, PA

Oncology rotation preceptor for PharmD Students

Oncology rotation preceptor for B.S. Pharmacy Students

SERVICE

Since DKICP Hire

UHH DKICP Committees

2014/2015

Executive Council – member

Committee on Committees – member
Library Committee - member
Post-graduate Pharmacy Practice Education committee –member
Continuing Education Executive Committee – ex-officio

2013/2014

Continuing Education Executive Committee – member
Committee on Committees – member
Faculty Development Committee – member
Executive Council – member
Search Committee for Director of Operations – Chair
Search Committee for Office Assistant – Oahu – Chair
PY4 Student Advisor, Class of 2014, (6 students)

2013

Continuing Education Executive Committee – member
Committee on Committees – member
Executive Council – member
PY1 Student Advisor, Class of 2016 (6 students)

2012

Graduate Programs Committee – Chair
Continuing Education Executive Committee – Member
PY1 Student Advisor, Class of 2016 (6 students)
Executive Council - member

2011

Graduate Programs Committee - Chair
Faculty Development committee – member
Continuing Education Executive Committee – member
PY4 Student Advisor, Class of 2012 (6 students)

2009-2010

Executive Council - member
Curriculum Committee - member
By-Laws Committee - member
Student Promotion and Graduation Committee
Committee on Committees - member
Search Committee – Assistant Clinical Education Coordinator - Chair
Final Reviewer for Pharmacy Practice Search Committee
Final Reviewer for Facilities Director Search Committee
Student Liaisons Committee - member
PY3 Student Advisor, Class of 2011 (6 students)

PY2 Student Advisor, Class of 2012 (6 students)

2008-2009

Search Committee Pharmacy Practice Faculty - Chair

Student Scholarship Committee - member

Strategic Planning for Human Resources Committee - member

Strategic Planning For Pharmacy Research Committee - member

Student Promotion and Graduation Committee - member

Curriculum Committee –member

ACPE Self Study Committee for Candidate Status -member

PY2 Student Advisor, Class of 2011 (6 students)

PY1 Student Advisor, Class of 2012 (6 students)

2007-2008

Search Committee-Pharmacy Practice Faculty - member

Search Committee Clinical Education Coordinator - member

Search Committee Student Affairs Director Position - member

Search Committee Director for Community Relations -member

ACPE Self Study Committee for Pre-Candidate Status - member

Curriculum Committee –member

Student Promotion and Graduation Committee -member

PY1 Student Advisor, Class of 2011 (6 students)

SERVICE – University of Hawai'i

2014 – Present

Interprofessional Education Workgroup

For development of IPE strategic plan with UH Manoa SONDH and JABSOM, Myron B. Thompson School of Social Work. IPE plan submitted to respective Deans

2012-Present

Consultant to RMATRIX Regulatory Knowledge and Support (DSMB) Data Safety Monitoring BOARD, NIH infrastructure grand funded through NIMHD. Provides funds and resources to promote clinical and translational research to address health disparities in Hawaii.

2009-2010 Campus Wide UH Hilo Curriculum Committee

SERVICE – Hawaii State, Professional Organization and Miscellaneous

Hawaii Pharmacists Association, Past President, May 2014-May 2015

Hawaii Pharmacists Association, President, April 2013-April 2014

Hawaii State Board of Pharmacy – Director for Oahu, Governor Appointed Commission, term 2011-

2015

Rehabilitation Hospital of the Pacific – Advisory Council –Development of Cancer Rehabilitation Program, 2012- current

Hawaii Pharmacists Association, President-Elect, 2012- 2013

Hawaii Pharmacists Association, Board of Directors, Director – Alternate Health Systems, 2011-2012

Hawaii Pharmacists Association, Board of Directors, Director - Outer Islands, 2009 - 2010

Hawaii Pharmacists Association – Member 2007 - present

Rho Chi Honor Society – Delta Iota Chapter – Member 2011 – present

American Society of Health System Pharmacists, Member, 1986 - present

American College of Clinical Pharmacy, Member, 2007-present

SERVICE – Other

2013 – current - 2nd Expansion of Oahu Satellite office to 4200 ft. – to include student lounge and additional office space, additional information technology equipment, key card access, development of policies and procedures for student space, procurement of furnishings and technical aspects

2012 – Current

Identifying and vetting office space, faculty placement, polycom and AV distance facilities for Kauai at Wilcox Memorial Hospital with Dr. Roy Goo

2011/2012

1st expansion of Oahu office - furnished 3200 sq. ft. office space

Designed, ordered and coordinated installation of all furnishings and all technical aspects for 4200Sq.ft space to include 7 cubicles, 2 offices, kitchen, 1 conference room, two polycom classroom systems, classroom seating for 40 students with audio-visual and polycom multiple screens, all phone and IT systems

Design, construct and implement a polycom wired 10 seat conference room

Facility houses 8 faculty members, seminars runs 3 days/week year round, average of 30-40 students/seminar

2009 – 2010

Oahu Satellite office - Designed and furnished 1000 sq. ft office space – housed two desk stations, one conference room, 30 seat classroom with polycom system

2000-present

Faculty recruitment and Hire in role as Pharmacy Practice Department Chair:

Facilitated hire and placement:

2014 – Hire 5 faculty, Hilo (1), Oahu (4), 1 assistant clinical education coordinator Hilo

2013 – Hilo, 3 faculty, Dept. of Pharmacy Practice

2010 – Oahu, 5 faculty, Dept. of Pharmacy Practice; 1 Clinical Education Coordinator, 1 Assistant Clinical Education Coordinator

2009 – Hilo, 2 faculty, Dept. of Pharmacy Practice; 1 Clinical Education Coordinator

2008 – Hilo, 3 faculty, Dept. of Pharmacy Practice; 1 Clinical Education Coordinator

SERVICE - Previous to UHH CoP Hire

American Society of Hospital Pharmacists. Hawaii State Delegate-1989-1991 term.

American Cancer Society - Pan Pacific Division. Director-at-Large, Board of Directors 1993-1995

Hawaii Cancer Pain Initiative. Board member - Executive Administrative Council, 1995-2000

Health Care Advisory Council - American Cancer Society, Hawaii State Delegation 1999- 2000.

SCHOLARSHIP

RESEARCH GRANTS

Since DKICP Hire

Reducing Health Disparities in Female College Student HPV Immunization Rates, PA-13-226
Evidence-Based Demonstration Projects in Immunization (Admin Supplement to BRIDGES)

PI: Brenda Hernandez, MD, JABSOM, Department of Native Hawaiian Health, Lee Buenconsejo-Lum, MD, JABSOM Department of Family Practice; Angela Sy, PhD, School of Nursing, UH Manoa, **Carolyn Ma, PharmD**, College of Pharmacy. Budget \$90,000, Portion: 3.5 % Offset = \$6,612 of Annual salary
Budget year: 8/1/13 - 7/31/14, Actual Project period: 11/1/14-7/31/14
RCUH account #: 6101831

PCORI Grant – Comparative Effectiveness of Ethnobotanicals, Alpha Lipoic Acid, and

Gabapentin in the Treatment of Diabetic Neuropathy. Katherine Anderson, Joel Vonnahme, Randall Carpio, Kristine McCoy, Millie Fong, **Carolyn Ma**, and Robert Borris. Budget for three years at \$1.5 million (denied)

Innovation Grant in Collaboration with John A. Burns School of Medicine, Division of Family Medicine, Neal Palafox MD (\$3,000,000 denied)

Ma, Carolyn, Hawaii Friendly Pharmacy, Hawaii State Asthma Initiative, Department of Health, May 2012, (\$9,500 awarded – 100% contribution)

Ma, Carolyn, Hawaii Friendly Pharmacy, Hawaii State Asthma Initiative, Department of Health, March 2011 (\$4,950 awarded – 100% contribution)

Ma, Carolyn, Target Grant 2009-2010 Program: Capturing the Growing Pharmacy Market, (\$4,000 awarded – 100% contribution)

Ma, Carolyn, U.S. Department of Education Part B Continuing Education Program for Applied Rural Science Program and Clinical Pharmacy Training Program, and Performance of Feasibility Study for the Implementation of a Physical Therapy Program, June 2008 – June 2009. (\$160,000 awarded – 50% contribution)

Pezzuto, John (PI), **Ma, Carolyn** (co-investigator) U.S. Department of Education, Grant for Residency training (\$150,000 – awarded, 50% contribution)

Pezzuto, John (PI). **Ma, Carolyn** (co-investigator) U.S. Department of Education, Grant for Development of Medication Therapy Management Center, 2009- 2010 (\$70,000 awarded – 20% contribution)

Pezzuto, John (PI), **Ma, Carolyn** (co-investigator). U.S. Department of Education, Grant for Simulation Mannequin Laboratory. 2009-2010 (\$100,000 awarded – 40% contribution)

Pezzuto, John (PI), **Ma, Carolyn** (co-investigator). U.S. Department of Education, Grant for Virtual Sterile Products Laboratory, 2009-2010 (\$40,000 awarded – 40% contribution)

Ma, Carolyn, Hawaii Friendly Pharmacy, Hawaii State Asthma Initiative, Department of Health. October 2009, (\$9,500 awarded – 100% contribution)

CURRENT RESEARCH PROJECTS

Interprofessional Education – Hawaii Interprofessional Training, Patient Discharge Planning, THSCC, JABSOM, SONDH, DKICP

Factors that influence non-prescription medicine purchase among adults 18yrs and older in

American Samoa. Francine Amoa, Supakit Wongwiwatthananukit, Carolyn Ma

Drug Take Back Programs in Hawaii in Conjunction with Narcotics Enforcement Agency. Carolyn Ma, Lani Ladao, Forrest Batz

A Multidisciplinary Community-Based Intervention to Increase Human Papilloma Viruses (HPV) Vaccination among College Students

PI:: Lee Buenconsejo-Lum, MD, JABSOM Department of Family Practice; Brenda Hernandez, MD, JABSOM, Dept. of Native Hawaiian Health, Angela Sy, PhD, UH Manoa SONDH, Carolyn Ma, PharmD, College of Pharmacy

Impact of Advanced Community Pharmacy Practice Student-Led Seminars on Competencies of Students Enrolled in the Introductory Community Pharmacy Practice Experience. Carolyn Ma, Lara Gomez, Supakit Wongwiwatthananukit

**PROFESSIONAL and RESEARCH PRESENTATIONS –Invited
Since DKICP Hire**

“How To Get Into Pharmacy School” Pre-Pharmacy Club, University of Hawaii at Manoa, November 11, 2014. Honolulu, HI

“Experiential Education” Chinese Medical University, June 7, 2014 Hangzhou, China

“Attributes of Desirable Pharmacy Student Applicant” Pre-Pharmacy Club, U. of Hawaii at Manoa, Feb. 13, 2014, Honolulu, HI

“Developing the Experiential Program for The Daniel K. Inouye College of Pharmacy”, Josai Pharmaceutical University, Saitama, Japan, November 27, 2013

4th Annual Asia Pacific Pharmacy Education Workshop, Pharmacy Education, “Clinical Partnerships” Plenary Session #3, Tokyo, Japan, November 25, 2013

Invited Lecturer and Professor for Experiential Visit and UHH Experiential Program Lectures, Chulalongkorn University, Bangkok, Thailand. November 15-22, 2013

University of Hawaii at Hilo High School Counselors Luncheon, Honolulu, Hawaii, October 26, 2012

Hawaii Pharmacists Association, Immunization Certification Course, Solo speaker, Honolulu, HI, August 15, 2012

The 12th Asian Conference on Clinical Pharmacy, “University of Hawaii at Hilo College of Pharmacy students participate in Hawaii Asthma Friendly Pharmacy Project for Hawaii Department of Health, Hong Kong, SAR, China, July 8, 2012 (100% Contribution)

Rho Chi Inaugural Chapter Keynote Address, “**How Will You Define Success?**” Rho Chi Honor Society Chapter Delta, Hilo, HI, April 2012

PMAG, Keynote Address, “**Motivational Interviewing**” Japanese Cultural Center, Oahu, Hawaii, April 24, 2012

Hawaii Society of Speech Pathologists, “**Let’s Talk About Your Meds**”, Oahu, Hawaii, April 19, 2012

American Pharmacy Association Immunization Certification Course, UH Hilo Oahu Office, October 14, 2011

UHH DKICP, Keynote Speaker Graduation Dinner, Inaugural Class of 2011, May 2011

IPPE and APPE Preceptor Training, Maui Memorial Hospital, Maui, Hawaii, May 2009

IPPE and APPE Preceptor Training, Pharmacy Preceptor Training, The Queen’s Medical Center, Honolulu, Hawaii, April 2009

IPPE and APPE UH Hilo Pharmacy Students, Pharmacy Preceptor Training, Kaiser Permanente, Honolulu, Hawaii, April 2009

Hawaii Asthma Friendly Pharmacy Project and P1 Pharmacy Preceptor Overview, Coconut Grill, Hilo, Hawaii August 12, 2008

“**Harry Potter Meets Jedi Masters**” Hawaii Pharmacists Association Annual Meeting Honolulu, Hawaii, May 2008

Pharmacy Practice Preceptors Orientation and Training, UH Hilo College of Pharmacy, August 2007

PROFESSIONAL and SCIENTIFIC PRESENTATIONS – Invited

Previous to DKICP Hire

“**JCAHO’s Medication Reconciliation Patient Safety Goal Effective Strategies, Tips, and Tools to Comply**”, HC Pro’s Health Care Marketplace, Audioconference, January 28, 2005.

"USP 797- Implementation" HCPro's Health Care Marketplace, Audioconference, October 20, 2004

JCAHO's Patient Safety Goals for 2005: Tips and Recommendations for compliance" HCPro's Healthcare Marketplace Audioconference, August 24, 2004.

"Integrating Healing Touch and Allopathic Drug Therapies, Denver, Colorado. Healing Touch International Conference, workshop, January 1999.

"Utilizing Healing Touch to Complement Cancer Chemotherapy. Denver, Colorado. Colorado University Cancer Center, January 1999

"Medicinal Herbs" Mind Body Medicine Institute, The Queen's Medical Center, November 1998

"Medicinal Herbs - Applications for the Healthcare Professional" The Queen's Medical Center, October 1998.

"Advances in Cancer Chemotherapy, Have We Reached The Hilary Step?" Hawaii Oncology Nurses Association, August 1998.

"Evaluation of standardized administration times for aminoglycosides and vancomycin" 15th Annual ASHP Meeting. San Francisco, CA June 1988. (100% contribution)

"Alternative therapies for supportive cancer care, East meets West" Hawaii Oncology Nursing Society and Hawaii Society of Health System Pharmacists. April 29, 1998

"A retrospective cost analysis of 5-HT3 antagonists used in the treatment of moderately-high to highly emetogenic chemotherapy." Western States Conference, Pacific Grove, CA. May 1997. (100% contribution)

"New developments in cancer chemotherapy" Hawaii Oncology Nursing Society Chapter Annual Meeting. Honolulu, Hawaii, August 1997.

"Healing Touch and chemotherapy symptom management" Hawaii Oncology Nursing Society Chapter Annual Meeting. Honolulu, Hawaii, August 1997.

"Introduction of Healing Touch to the Cancer Patient", American Cancer Society Leukemia Support Group. Honolulu, Hawaii, October 1996.

"Applications of narcotics and adjuvant medications in the pain management patient" Hawaii Society of Physical Therapists. Honolulu, Hawaii, November 1995.

"Pain management in the cancer patient" Hawaii Cancer Pain Initiative. Honolulu, Hawaii. 1994.

"Advances in the management of nausea and vomiting" The Queen's Medical Center Cancer Institute Symposium - Women and Cancer Conference, Honolulu, Hawaii. August 1992.

"Supportive treatment of the oncology patient" Hawaii Oncology Nursing Society, Honolulu, Hawaii, August 1992.

"Approaching Pain Management" Medical Grand Rounds, Kapiolani Women and Children's Hospital. Honolulu, Hawaii December 1991.

"Management of Narcotic Side Effects" Medical Grand Rounds, Queen's Medical Center. Honolulu, Hawaii June 1991.

"Comparative study between patient-controlled morphine sulfate and epidural morphine in post-operative gastrointestinal surgery" , 25th Annual ASHP Midyear Clinical Meeting. Las Vegas, NV. December 1990. (100% contribution)

"Prophylaxis against stomatitis: A randomized trial using sucralfate suspension: 22nd Annual Midyear ASHP Midyear Meeting. Atlanta, GA. December 1987. (100% Contribution)

POSTERS (Peer Reviewed)

Since DKICP Hire

Hayashi T, Wen A, Wong L, Ma C, Tokumaru S, Deutsch M, Ing D, Sakai D, Bell C, Juszczak P, Masaki K. **Educational Effectiveness of an Interprofessional Teamwork Simulation Exercise for Nursing, Pharmacy and Medical Students at the University of Hawaii.** Abstract Accepted for Poster Presentation at the American Geriatrics Society Annual Meeting, May 15, 2015, Washington, D.C. (15% contribution)

Angela U Sy, Lee E Buenconsejo-Lum, Guangxiang Zhang, Rissa Fedora, Mavis Nitta, Carolyn Ma, Brenda Y Hernandez, Maricel Abad, Ronald Balajadia. **"A Pilot Study of Pacific Islander and Asian-American college students' knowledge and intentions on human papillomavirus (HPV) vaccination: Results and Recommendations"**. American Public Health Association (APHA) Annual Meeting and Exposition, New Orleans, LA, Nov. 2014, # 314445,

Bueconsejo-Lum, L, Angela U Sy, Lee E Buenconsejo-Lum, Guangxiang Zhang, Rissa Fedora, Mavis Nitta, Carolyn Ma, Brenda Y Hernandez, Maricel Abad, Ronald Balajadia. **"A Pilot Study of Pacific Islander and Asian-American college students' knowledge and intentions on human papillomavirus (HPV) vaccination: Results and Recommendations"**. John A. Burns SOM, May 2014, Honolulu, HI

Amoa, F, Wongwiwatthananut, S, Ma, C, Factors Influencing Consumers to Purchase Over-the-Counter Drugs in American Samoa, APHA Annual Meeting, March 2014, Orlando, Florida (15% contribution)

Katherine Anderson, Pharm.D., Joel Vonnahme, M.A, Elizabeth Doran, Pharm.D. Candidate, Jill Anne Villarosa, Pharmacy Student, Kristine McCoy, M.D., Carolyn Ma, Pharm.D., and Soo Borson, M.D., Brief Assessments Used to Identify Prescription Literacy Deficits among Hawaii County Residents, ASCP Conference, Seattle, WA, September 2013, (5% contribution)

Kim, P, Sakamoto, S, Ma, C. Reviewing the transition and aftermath of patients switched over from warfarin to dabigatran in an outpatient clinic, Follow up and Results, ASHP Midyear Meeting 2012, Las Vegas, NV (35% contribution)

Kim, P, Sakamoto, S, Cheng, B, Voidtriede, C, Ma, C. "Reviewing the transition and aftermath of patients switched over from warfarin to dabigatran in an outpatient clinic", ASHP Midyear Meeting 2011, New Orleans, LA (10% contribution)

Ma, C, Gomez LH, Ciarleglio AE, Holuby RS, Pharmacy Mission to American Samoa as Experiential Elective Leads to Funding for APPE, AACP Annual Meeting 2011, San Antonio, Texas (70% contribution)

Ma, C, Gomez LH, IPPE Students Participate in Hawaii Asthma Friendly Pharmacy Project for Department of Health, AACP Annual Meeting, 2011, San Antonio, Texas (80% contribution)

Adriance D, Dawn Kelihoomalulu D, Saito D, Ma C. "Anticoagulation outcomes in an isolated, underserved, community hospital. ASHP Midyear, Las Vegas, NV, December 2009, (10% contribution)

Ma, C, Ciarleglio A, Holuby, R.S. Wongwiwatthananut, S. "IPPE in Community Health Clinics and LTC Develops Foundational Clinical Skills" AACP Annual Meeting, Boston, MA. July 2009, (80% contribution)

Ma,C. "Creation of IPPE PY1 in a Rural Island Community" AACP Annual Meeting, Boston, MA, July 2009 (100% contribution)

POSTERS (Non-Peer Reviewed)

Since DKICP Hire

Ma,C, Fisher E. "Creation of IPPE PY1 in a Rural Island Community" AACP Annual Meeting, Boston, MA, July 2009 (85% Contribution)

Ma, C, Fisher E, " IPPE in community health clinics and LTC develop foundation clinical

skills” AACP Annual Meeting and Seminars, Boston, Massachusetts, July 18-22, 2009. (85% Contribution)

PUBLICATIONS

Since DKICP Hire

Published Abstracts-Peer Reviewed

Hayashi T, Wen A, Wong L, Ma C, Tokumaru S, Deutsch M, Ing D, Sakai D, Bell C, Juszczak P, Masaki K. **Educational Effectiveness of an Interprofessional Teamwork Simulation Exercise for Nursing, Pharmacy and Medical Students at the University of Hawaii.** Abstract Accepted for Poster Presentation at the American Geriatrics Society Annual Meeting, May 15, 2015, Washington, D.C. (15% contribution)

Juarez DT1, Ma C, Kumasaka A, Shimada R, Davis J. Failure to reach target glycated a1c levels among patients with diabetes who are adherent to their antidiabetic medication. *Popul Health Manag.* 2014 Aug;17(4):218-23. doi: 10.1089/pop.2013.0099. (15% contribution)

"A Pilot Study of Pacific Islander and Asian-American college students' knowledge and intentions on human papillomavirus (HPV) vaccination: Results and Recommendations" 142nd APHA (American Public Health Association) Annual Meeting and Exposition, New Orleans, LA., Nov. 2014, # 314445,

Amoa, Francine, **Factors Influencing Consumers to Purchase Over-the-Counter Drugs in American Samoa**, APHA Annual Meeting, March 2014, Orlando, Florida (15% contribution)

Katherine Anderson, Pharm.D., Joel Vonnahme, M.A, Elizabeth Doran, Pharm.D. Candidate, Jill Anne Villarosa, Pharmacy Student, Kristine McCoy, M.D., Carolyn Ma, Pharm.D., and Soo Borson, M.D., **Brief Assessments Used to Identify Prescription Literacy Deficits among Hawaii County Residents**, ASCP Conference, Seattle, WA, September 2013, (5% contribution) Kim, P, Sakamoto, S, Ma, C.

Kim, P, Sakamoto, S, Ma, C **Reviewing the transition and aftermath of patients switched over from Warfarin to dabigatran in an outpatient clinic, Follow up and Results**, ASHP Midyear Meeting 2012, Las Vegas, NV (35% contribution)

Kim, P, Sakamoto, S, Cheng, B, Voidtriede, Ma C. **“Reviewing the transition and aftermath of patients switched over from warfarin to dabigatran in an outpatient clinic”**, ASHP Midyear Meeting 2011, New Orleans, LA (10% contribution)

Ma, C, Gomez LH, Ciarleglio AE, Holuby RS, Pharmacy Mission to American Samoa as Experiential Elective Leads to Funding for APPE, San Antonio, Texas, AACP Annual Meeting, 2011 (80% contribution)

Ma, C, Gomez LH, IPPE Students Participate in Hawaii Asthma Friendly Pharmacy Project for Department of Health, San Antonio, Texas, AACP Annual Meeting, 2011 (80% contribution)

Ma, CSJ, Pellegrin, K, Gomez, LH Preceptor Perspectives on Student Preparedness for Final IPPE Rotations, Seattle, WA. AACP Annual Meeting, 2010 (70% contribution)

Ma, CSJ, Larva, J, Abel, S. Effect of Utilizing the DISC profile on group project interactions in a Pharmacy Management Course, AACP Annual Meeting, Seattle, WA, 2010 (50% contribution)

Ma, CSJ, Ciarleglio, A.E., Holuby, S.R. Wongwiwatthananukit, S and Litzinger, M. (2009). IPPE in community health clinics and LTC develop foundation clinical skills. Poster Presentation at the 2009 AACP Annual Meeting and Seminars, Boston, Massachusetts, July 18-22, 2009. Published in Amer J Pharm Educ 2009;73 (4), 22. (70% contribution)

Ma,CSJ. Creation of IPPE PY1 in a Rural Island Community. Poster Presentation at the 2009 AACP Annual Meeting and Seminar, Boston, Massachusetts, July 18-22, 2009. Amer J Pharm Educ 2009, 73 (4), 19. (80% contribution)

Journals – Peer Reviewed Since DKICP Hire

Juarez, DT, Chu, C, Zacchetti, M, Ma, C. “Impact on Big Data Bases on Pharmacy Practice” *J Integrated Pharmacy Research and Practice*, Submitted for publication

Ma, CSJ, Wongwiththananukit, S, Juarez, DT, Tokumaru, S, Khampanphan C, Impact of Advanced Pharmacy Practice Student – Led Seminars on Competencies of First Year Community Retail Student Experience, *J Pharmaceutical Care and Health Care Systems*, 2015 (submitted) (70% contribution)

Ma, C, Tokumaru, S, Goo, R, Ciarleglio, A. “Pharmacy Graduates Continue Training in Post-Graduate Training Residency” *Hawaii J of Med & Public Health* 2015;74:5 (pp) (80% contribution)

Ma, CS, “Shifting the Paradigm for Interprofessional Healthcare Education: Linking Academia and Health Care Systems”, *J Pharmaceutical Care and Healthcare Systems*, 2015; Accepted for

publication

Pezzuto JP, **Ma, CSJ**, “Academic Pharmacy Comes to Hawai’i, Part 2” *Hawaii J Med & Public Health*. 2015;75:3(120-128) (50% contribution)

Ma, CS, Nett B, Kishaba, G, Gomez, L Impact of Utilizing Pharmacy Students as Workforce for Hawaii Asthma Friendly Pharmacy Project, *Hawaii J Med & Public Health*, 2015;74:3(57-62) (85% contribution)

Pellegrin, KL, Miyamura J, **Ma, C**, Taniguchi, R. Improving accuracy and relevance of race/ethnicity data: Results of a state-wide collaboration in Hawaii. *J Healthcare Quality*. 2015; Vol, Issue (proofs) (15% contribution)

Adrian JA, Zestostarski P, **Ma, CSJ** “Developing Pharmacy Student Communication Skills Through Role Playing and Active Learning”. *J Pharmacy Education* (Submitted May 2014, Accepted for Publication, 2015; (30% contribution)

Goo, RA, **Ma, CSJ**, Juarez, DT. “Disparities in Medication Therapy in Patients with Heart Failure Across the State of Hawaii”, *Hawaii J Med & Public Health* 2015;74:2 (5-8) (30% contribution)

Juarez DT1, **Ma C**, Kumasaka A, Shimada R, Davis J. Failure to reach target glycated a1c levels among patients with diabetes who are adherent to their antidiabetic medication. *Popul Health Manag*. 2014 Aug;17(4):218-23. doi: 10.1089/pop.2013.0099. (10% contribution)

Ma, C. Role of pharmacists in optimizing the use of anti-cancer drugs in the clinical setting, *Journal of Integrated Pharmacy Research and Practice*, 2014;3; 11-24. Dove Press

Ma, CS, Batz, F, Juarez DT, Ladao, LC. Take Back in Hawaii: Partnership Between the University of Hawaii Hilo College of Pharmacy and the Narcotics Enforcement Division, , *Hawaii Journal of Medicine & Public Health*, 2014 73(1):26-31. (60% contribution)

Ma, C, Holuby, R.S., Bucci, L, “Physician and Pharmacist Collaboration- The University of Hawaii Hilo College of Pharmacy-JABSOM Experience, *Hawaii Med J*; 2010 Jun;69 (6 Suppl 3):42-4 . PMID: 20540001. (70% contribution)

TEXTBOOKS and CHAPTERS

Since DKICP Hire

Ma, C, Goo, R, Tokumar, S. Book Chapter: "Career in Pharmacy: Areas and Opportunities". Pharmacy for the Curious, Why Study Pharmacy. Editor Kishor Vaidya. U. of Canberra, Australia, October 2014 U. of Canberra Press (ISBN 978-1-925128-51-2), (80% contribution)

Miscellaneous Publications - Peer-Reviewed

Since DKICP hire

- Promotion guidelines for Non-tenure track faculty 2013, (60% contribution)
Revision of Promotion Guidelines for Tenure Track Pharmacy Practice Track Faculty DKICP, 2013, (90% contribution)
Pharmacy Practice Guidelines for DKICP– Promotion and Tenure Timeline and Submission for Peer Review Procedure 2013 (100% contribution)
Pharmacy Practice Department Leave and Vacation Procedure, 2013 (100% contribution)
Pharmacy Practice Department Orientation for New Faculty, 2013 (50% contribution)
Pharmacy Practice Department Operations Manual, 2013 (90% contribution)
Annual Evaluation Packet for Pharmacy Practice Faculty DKICP, 2009, Revised 2012, Revised 2013 (100% contribution)
Preceptor Handbook for DKICP, 2007- 2010 (100% contribution)
Student Handbook for DKICP, 2007 (30% contribution)

Miscellaneous - Non-Peer Reviewed

Since DKICP hire

- Ma, C.** Western States Pharmacy Resident Conference Today's Vision: Tomorrow's Reality, Summer 2014 Kawili La'au 6;(4):10
- Ma, C.** Cancer research update. From the clinical front. Kawili La'au Spring 2014;6(3):11
- Ma, C.** Trip to Japan holds promise for future collaborations. Kawili La'au Winter 2013, 6(2): 18.
- Ma, C., Anderson, K.** Pacific Islander Mobile Screening Clinic Receives National Recognition, Kawili, Lau'au, Summer 2013, Vol. 5, Issue 4
- Ma,C,** Graduates Continue Training in Pharmacy Postgraduate Residency Programs, Kawili La'au, Summer 2013, Vol.5, Issue 4
- Ma, C.** Different Types of Pharmacy Practices on Oahu, Kawili La'au, Spring 2013, Vol. 5, Issue 3.

Publications - Previous to DKICP Hire

Textbooks and Chapters

- Gibbs, Maureen, **Ma, Carolyn.** Medication Reconciliation Practical Strategies and Tools for JCAHO Compliance. HC Pro Inc. Marblehead, MA. 01945, 2005. (15% contribution)
- Ma, Carolyn,** Taoka K. Study Guide for the Core Curriculum for Oncology Nursing Chapter 10, "Symptom Management and Supportive Care: Pharmacologic Interventions" W.B. Saunders and Co. Philadelphia, PA 1999. (90% contribution)

Ma, Carolyn, Taoka K. Oncology Nursing Certification Core Curriculum Chapter 10, "Symptom Management and Supportive Care: Pharmacologic Interventions" Saunders and Co. Philadelphia, PA 3rd. Edition. 1999 (90% contribution)

Journals – Peer Reviewed

Ma, Carolyn. "Liposomal Technology, Beauty from the Beast" **Pharmatopics**, 1998; 18:(3);1-2.

Ma, Carolyn. "Antihypercalcemic Agents: The New Kids on the Block" **Pharmatopics** 1993;13(2);1-2.

Ma, Carolyn. "Biotechnology Pipeline" **Pharmatopics** 1992 ;12(2) ;1-2

Ma, Carolyn. "What does "CSF" Stand For?" **Pharmatopics** 1992 ;12(4);1-3.

Ma CSJ, Lin, D. "Patient controlled analgesia: drug options, infusion schedules and other considerations." **Hospital Formulary** 1991;26:198-206

Ma, Carolyn. "Epidural narcotics" **Pharmatopics** 1991;11:1-3.

Ma, Carolyn. "Implementing PCA" **Drug Utilization Review** 1989; 5:137-141

Ma, Carolyn. "Patient Controlled Analgesia - PCA" **Pharmatopics** 1989; 9:1-3.

Ma, Carolyn SJ, Hart LL. "Calcium Channel Blocker Agents in Asthma: **Drug Intelligence and Clinical Pharmacy** 1986; 20:364-365 (90% contribution)

EDITORIAL and PEER REVIEW EXPERIENCE

Peer Review

Pharmacotherapy Practice and Principles - Chapter on Ovarian Cancer, 2009

AACP Abstract Reviewer – Annual Meeting 2009 - 2012

American College of Pharmaceutical Education – Journal reviewer 2011 – present

Hawaii Pharmacists Association Annual Meeting Posters Reviewer – 2013

American Journal of Pharmacy Education, 2010- present

Editorial

Hawaii Journal of Medicine and Public Health – Coordinator and Contributing Editor, Dec. 2014 – present

Articles reviewed and edited under this role:

Pezzuto JP, Pezzuto, M “**Academic Pharmacy Comes to Hawai’i, Part 1**” 2015;75:1(pp)

Pellegrin, KL, **Pharm2Pharm: Leveraging Medication Expertise Across the Continuum of Care:** Hawai’i J Medicine and Public Health, 2015;75:7 (pp)

Journal of Pharmaceutical Care and Healthcare Systems- Editorial Board, 2015-present
International Inter-disciplinary Peer-review and Advisory Panel (IIPAP) , International Journal of Interdisciplinary Education Research and Practice (IJIP), 2014 – present

LICENSURE and CERTIFICATION

Professional Pharmacy Specialty Board Certification Oncology
Board Certified Oncology Pharmacist (BCOP) 1998 – present
Recertified in 2006, 2013

Professional Licensure

State of Hawaii	Pharmacy License #1174 Status: Active
State of California	Pharmacy License #PC 040545 Status: Active
State of Nevada	Pharmacy License #9358 Status: Active

Complementary Medicine Practitioner Certification

Certified Healing Touch Practitioner (CHTP) June 1997 – present
Recertified in 2002, 2007, 2012
Certified Healing Touch Instructor (CHTI) January 1999-2013
Recertified in 2004, 2009

APHA Immunization Certified

Immunizer June 2008 – present
Immunization Instructor Certified, June 2008 – present

AWARDS

Leadership Award – Hawaii Pharmacists Association, April 2014

NCPA Pharmacy Leadership Award, April 2014

Bowl of Hygeia, Awarded by the Hawaii Pharmacists Association, October 2011

Excellence in Teaching, Teacher of the Year Award, Dept. of Pharmacy Practice from UH Hilo Class

Carolyn S.J. Ma

of 2012, May 2011

Pharmacy Resident Research Project Award, "Placebo Controlled Trial with Sucralfate Suspension for Chemotherapy Induced Mucositis" Spring 1987