

David C. Castillo, PharmD, BCPS, BCEMP

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EDUCATION AND TRAINING

Franciscan Health System; Tacoma, WA ASHP-Accredited Pharmacy Practice Residency	June 2011 – June 2012
Pacific University; Hillsboro, OR Doctor of Pharmacy	August 2008 – May 2011
Portland State University; Portland, OR Bachelor of Science Degree in Biochemistry	September 2003 – June 2007

LICENSURES

Board Certified Emergency Medicine Specialist, #B14100382	December 2023 – Present
Board Certified Pharmacotherapy Specialist, #3130304	November 2013 – Present
Oregon Board of Pharmacy license, #13461-P	February 2013 – Present
Washington Board of Pharmacy license, #60232644	July 2011 – Present

PROFESSIONAL EXPERIENCE

PeaceHealth Southwest Medical Center; Vancouver, WA Lead Emergency Department Clinical Pharmacist	December 2014 – Present
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Leadership / Staff Development

- Acted as the lead Emergency Department (ED) pharmacist and coordinated multiple interprofessional initiatives and workflow optimizations between nurses, physicians, and pharmacy management teams.
 - Developed ED pharmacist workflow and trained multiple ED pharmacists. Redefined pharmacist's role in ED Code situations from being outside the room to inside, passive to active, and consultant-based to leadership-based.
 - Helped expand ED pharmacist coverage from 8 to 24 hours a day.
 - Created an ED Pharmacist Core Group that met regularly to promote team development and discuss ED pharmacy service optimization and strategies to prove our value.
 - Redesigned the PGY-1 residency and APPE student rotations. Created new rotation syllabi, competency checklist, and became primary preceptor for all ED resident and student rotations. Acted as the primary mentor for one resident in the 2016-2017 residency class.
 - Acted as the primary consultant to PeaceHealth St. Joseph's as they expanded their ED pharmacist program and profiled their ED pyxises.
 - Represented PeaceHealth pharmacy at a system wide kaizen focused on ED sepsis identification and management. Helped design and implement a new ED pharmacist Code Sepsis workflow.
 - Formally presented various pharmacotherapy topics to ED and ICU nurses. Informally presented ED medication practice pearls to nurses daily at their team huddle.
 - Constructed multiple formal drug information write ups to ED pharmacists and physicians.
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- Routinely provided input on performance evaluations for medication reconciliation technicians and other ED pharmacists.

New Service Development

- Designed and implemented an ED Medication Reconciliation Program. Created the workflow, technician training materials, and various electronic documentation templates. Performed continuous quality improvements after implementation and throughout its expansion.
- Implemented an ED Pharmacist Led Culture Review process, designed materials to train staff, and coordinated efforts with a network hospital to ensure consistent regional practice.

Pharmacy and Therapeutics Committee / Operational Review Group; Approved Clinical Service Enhancements

- Constructed a guideline for the use of bolus-dose vasopressors (AKA, push-dose pressors) in drug-induced hypotension and peri-intubation patients.
- Constructed a guideline for the use of hypertonic saline in patients with hypotonic hyponatremia.
- Led pharmacotherapy portion of an ED Analgosedation orderset design. Then assisted ED Physicians with presentation to ED PeaceHealth Operational Review Group prior to approval.

Workflow Optimizations / Emergency Department Enhancements

- Coordinated the ED pharmacist team to update the Adult ED Infusion Drip Book to promote safe and accurate intravenous drug dosing and titration in critically ill ED patients.
- Created an annual auditing process to optimize ED Pyxis medication distribution.
- Created an auditing process to evaluate the use of controlled substances by ED pharmacists.
- Developed an ED specific Pyxis override and Auto-Verify system.
- Designed and help implement the use of Fixed-Dose Kcentra® kits in the ED.
- Redesigned the Rapid Sequence Intubation (RSI) and Cardiac kits in the hospital.
- Participated on the multidisciplinary team gathered to evaluate the electronic health record build prior to implementation. Provided feedback on drug dosing, orderset builds, and program functionality. Then assisted with workflow optimizations surrounding ED order verification thereafter.

Klamath Tribal Health and Family Services; Chiloquin, OR
Clinical Staff Pharmacist

August 2012 – November 2014

Major Accomplishments

- Designed and implemented a pharmacist-led anticoagulation clinic, including the development of a collaborative practice agreement, the coordination of ancillary staff, clinic implementation, and ongoing participation in the clinic resulting in a 24% increase time in therapeutic range for patients established on warfarin therapy.
- Constructed a rheumatoid arthritis clinical management protocol with tools for diagnosis, clinical assessment, disease activity monitoring, and medication management resulting in a nurse-run case management program that assists medical providers with patient care.
- Created over 30 drug-use-criteria to promote safe and appropriate prescribing of high cost and/or high-risk medications dispensed and paid for by the Klamath Tribes.
- Designed a prior authorization process for the initial prescribing of Enbrel®, Humira®, and Xeljanz® to ensure patient safety and promote appropriate Klamath Tribal spending.

- Developed clinic policies on Expedited Partner Therapy and Post-Exposure Prophylaxis.

Selected Activities and Responsibilities

- Managed the anticoagulation clinic and conducted the majority of its patient care services, to ensure the highest level of personal care.
- Oversaw daily pharmacy operations, ensured medication appropriateness and safety, acted as a drug information resource to medical and dental staff, and dispensed appropriate medications to patients.
- Conducted chart reviews, led interdisciplinary patient rounds, performed medication monitoring and adjustments, and counseled patients in a diabetes clinic.
- Precepted pharmacy students. Supervised their drug use evaluations, drug information responses, and clinical presentations ensuring optimal project outcomes and a quality educational experience.
- Participated and presented frequently in the clinic's Pharmacy and Therapeutics Committee.

CERTIFICATIONS

Pediatric Advanced Life Support Certification, American Heart Association February 2016 – Present
Advanced Cardiovascular Life Support Certification, American Heart Association May 2009 – Present
Basic Life Support and First Aid Certification, American Heart Association May 2009 – Present
Medication Therapy Management Certification, American Pharmacists Association September 2013
Pharmacy-based Immunization Delivery certification, American Pharmacist Association April 2009

PROFESSIONAL APPOINTMENTS

Pacific University School of Pharmacy Alumni Advisory Board Member November 2018 – Present
Oregon State University School of Pharmacy Affiliate Faculty Member September 2018 – Present
Pacific University School of Pharmacy Curriculum Committee Member July 2019 – 2022

AWARDS AND HONORS

PeaceHealth Southwest Medical Center; Vancouver, WA November 2021
Nominated for the DIAMOND award (Decisive, takes the Initiative, Adaptable, Motivates others, always Optimistic, Nurturing and very Dynamic)

PeaceHealth Southwest Medical Center; Vancouver, WA August 2017
Emergency Department Employee of the Month

St. Anthony Hospital; Gig Harbor, WA March 2012
“Caught in the Act” award for patient care and nursing assistance
 Presented by the hospital's president

TEACHING EXPERIENCE

Pharmacy students; *PeaceHealth Southwest Medical Center*, Vancouver, WA December 2014 – Present
Preceptor

Pharmacy students; *Klamath Tribal Health and Family Services*; Chiloquin, OR August 2012 – November 2014

Preceptor

Nursing school students; *Oregon Institute of Technology*; Klamath Falls, OR May 2013
Guest lecturer

Pharmacy technician program; *Clover Park Technical College*; Lakewood, WA August 2011 – March 2012
Guest lecturer

Pharmacy students; *Franciscan Health System*; Tacoma, WA July 2011 – June 2012
Clinical weekly discussion leader

SELECTED PRESENTATIONS AND POSTERS (of over 40)

ASHP Midyear Clinical Meeting; Madeline Bay Hotel; Las Vegas, NV December 2022
“EM Pearls – Naloxone use for buprenorphine toxicity”

Emergency Department Nurses; *PeaceHealth Southwest Medical Center*; Vancouver, WA 2019 & 2021
“Analgo-sedation and Post-Intubation Management in the Emergency Department”

Various Nurses and Students; *PeaceHealth Southwest Medical Center*; Vancouver, WA 2016-2021
“Vasoactive Drugs and their use in Shock” (annual presentation)

Clark County Dental Society; *Webinar*; Vancouver, WA April 2020
“The Opioid Crisis and How to Use Opioids Safely in Dental Practice”

Dental Office Staff; *Periodontal Concepts*; Vancouver, WA January 2019
“Acute Procedural Anxiety and Anxiolysis in the Dental Office”

Poster Showcase; *American Society of Health-System Pharmacist*, Anaheim, CA December 2018
“Evaluation of Emergency Medicine Pharmacist Duties and the use of a Cost-Avoidance Model to Justify Current and Future Full-Time Equivalent Allocations”

Emergency Department Nurses; *PeaceHealth Southwest Medical Center*; Vancouver, WA October 2017
“Shock, Vasoactive Drugs, and Push-dose pressors in the Emergency Department”

Oregon State Physician Assistant Conference; *Salishan Resort*; Gleneden Beach, OR October 2016
“Vasoactive Drugs and their use in Shock”

Pharmacy and Therapeutics Committee; *PeaceHealth Southwest Medical Center*; Vancouver, WA November 2015
“Bolos-dose Vasopressors and their use in Emergencies”

Klamath Tribal Men’s Health Retreat; *Harbor Links Golf Course*; Klamath Falls, OR June 2014
“Heart Disease and Men’s Health”

Health Advisory Committee; *Klamath Tribal Health and Family Services*; Klamath Falls, OR December 2013
“Anticoagulation Clinic and its Impact on Patient Outcomes”

Nursing students; *Oregon Institute of Technology*; Klamath Falls, OR May 2013
“Antipsychotics and Mood Stabilizers”

Nursing students; *Oregon Institute of Technology*; Klamath Falls, OR May 2013
“Antibiotics”

Pharmacist; *Catholic Health Initiatives*; Tacoma, WA July 2013
“Exparel® and Post-Operative Analgesia”

Pharmacist; *Western States Conference*; Asilomar, CA May 2012
“Post-Discharge Counseling of Heart Failure to Improve Inpatient Processes and Readmission Rates”

Oncology Nurses; *Franciscan Health System*; Tacoma, WA October 2011
“Colony Stimulating Factor Use in Neutropenia”

Pharmacy staff journal club; *Rogue Valley Medical Center*; Medford, OR January 2011

“Endogenous Erythropoietin and Outcome in Heart Failure”

White Coat Ceremony; *Pacific University*; Hillsboro, OR
“Keynote Address”

August 2009

Community Service / Volunteering

Glenwood Adult Care Facility; Vancouver, WA
Vaccination Fair

November 2022

REFERENCES

Available Upon Request