

# JOANNE CHUN

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## EDUCATION

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<b>University of California, Berkeley Extension</b> <i>Certificate Coding/Full-Stack Bootcamp</i>	<b>2022</b>
<b>University of California, San Francisco</b> <i>Ph.D. Pharmaceutical Chemistry and Molecular Biology</i> Dissertation: Cellular and Molecular Characteristics of Organic Cation Transport in Epithelial Cells	<b>1996</b>
<b>University of California, San Francisco</b> <i>Pharm.D.</i>	<b>1993</b>
<b>University of California, Berkeley</b> <i>B.S. Nutrition and Food Science</i>	<b>1988</b>

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## WORK EXPERIENCE

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<b>University of Hawai'i Cancer Center</b> <b>Research Specialist</b> <ul style="list-style-type: none"><li>Work focuses on studying the molecular genetics and signaling pathways during liver cancer growth to develop new therapies to treat liver cancer.</li></ul>	<b>Current</b> Honolulu, HI
<b>CBI (Cellular Bioengineering) – Skai Technologies</b> <b>Senior Research Scientist</b> <ul style="list-style-type: none"><li>Established the safety of TruTag, a micro tag that can be applied to pills, tablets, and capsules as edible barcodes</li><li>Investigated different methods of application of TruTag to relevant products after assessing chemical purity of tag</li><li>Authored and submitted drug master file (DMF) to the Food and Drug Administration (FDA)</li></ul>	<b>2007 – 2009</b> Honolulu, HI
<b>University of California, San Francisco</b> <b>Graduate Researcher</b> <ul style="list-style-type: none"><li>Designed and researched drug processes in the kidney; how transport processes are regulated at a molecular level</li><li>Utilized expression cloning in <i>Xenopus laevis</i> oocytes to clone the renal organic cation transporter and subsequently elucidated the mechanisms involved in the regulation of said transporter</li></ul>	<b>1990-1996</b> San Francisco, CA
<b>University of California, San Francisco</b> <b>Teaching Assistant</b> <ul style="list-style-type: none"><li>Directed workshops teaching pharmaceutical chemistry to support students enrolled in UCSF Pharm.D. program</li><li>Led lessons in biopharmaceutics/pharmacokinetics to students enrolled in UCSF M.D. and Pharm.D. programs</li></ul>	<b>1992-1993</b> San Francisco, CA
<b>Kaiser Foundation Hospital</b> <b>Pharmacist Intern</b> <ul style="list-style-type: none"><li>Trained in Outpatient pharmacy, processed new and refill prescription requests, counseled patients on medication</li><li>Prepared drug admixtures including IV chemo, investigational, and parenteral/enteral nutrition; prepared unit dose medication, filled pixis machine, performed out-of-date checks, and handled safe medication disposal</li></ul>	<b>1989-1993</b> San Francisco, CA
<b>University of California, Irvine – Medical Center</b> <b>Pharmacist Intern</b> <ul style="list-style-type: none"><li>Trained in anti-coagulation clinic, drug information, poison control, and clinical and neonatal/pediatric pharmacy</li><li>Monitored warfarin patients with consult to evaluate lab results, drug/food interactions, and outpatient follow-up</li></ul>	<b>1993</b> Orange, CA

- Researched to provide oral and written referenced responses to questions about medication exposures as well as household, occupational, and environmental exposure concerns along with other drug information requests
- Optimized patient care utilizing medical history, medication reconciliation, and proposing drug therapy plans

## FHP Pharmaceutical Services

### Pharmacist Intern

1993

Tustin, CA

- Trained in home-infusion/home-health pharmacy, both administrative methods and medical delivery equipment
- Prepared IV antibiotics, parenteral/enteral nutrition, hydration, and other sterile drug product admixtures

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## PUBLICATIONS & PRESENTATIONS

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**Joanne K. Chun**, Micheline Piquette-Miller, Lei Zhang, and Kathleen Giacomini: "Expression of Human Polyspecific Renal Organic Cation Transport Activity in *Xenopus laevis* Oocytes". Journal of Pharmaceutical Sciences 86(6):753-755.

Lei Zhang, Mark J. Dresser, **Joanne K. Chun**, Patricia C. Babbitt and Kathleen Giacomini: "Cloning and functional Expression of a polyspecific organic cation transporter (OCT3) from rat kidney". Clinical Pharmacology and Therapeutics. 61:235.

**Joanne K. Chun**, Lei Zhang, Micheline Piquette-Miller, Ernest Lau, Li-Qi Tong, and Kathleen Giacomini: "Characterization of Guanidine Transport in Human Renal Brush Border Membranes". Pharmaceutical Research, 14(7):936-941.

Lei Zhang, Mark J. Dresser, **Joanne K. Chun** et al: "Cloning and Functional characterization of a rat renal organic cation transporter isoform (rOCT1A)". J. Biol. Chem. 1997: 272:16548-16554.

Micheline Piquette-Miller, Carlo Bello, **Joanne K. Chan**, Kathleen Giacomini: "Interaction of nucleoside analogs with an intestinal Na<sup>+</sup>-Nucleoside transporter, N1". Clinical Pharmacology & Therapeutics, 59:186-186.

Ronda J. Ott, **Joanne K. Chan**, Vikram K. Ramanathan, Andrew C. Hui and Kathleen Giacomini: "Effect of Phenylisothiocyanate on Organic Cation Transport in Opossum Kidney Cells". J. Pharmacol. Exp. Ther. 269(1):204-208.

## Western Pharmacology Society Meeting

"Expression of the Renal Organic Cation Transporter in *Xenopus laevis* Oocytes"

1995

Maui, HI

## American Association of Pharmaceutical Scientists Meeting

"Substrate Regulation of the Organic Cation-H<sup>+</sup> Antiporter in Opossum Kidney Cells"

1993

Orlando, FL

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## AWARDS & HONORS

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## Western Pharmacology Society

### Best Poster Presentation

1995

Maui, HI

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## ADDITIONAL

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- HTML, CSS, javascript, SQL, ORM, noSQL, PWAs, React, MERN
- Cantonese (conversational), Portuguese (conversational), French (conversational), Spanish (conversational)
- Proficient in Kareo medical billing
- Real estate investing, development, and management in Hawaii, California, and Nebraska
- Enjoy volunteer work: preparing meals for migrant fisherman, sewing/knitting and donating various products to underserved communities