

Christopher H. Kan

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Work Experience

Regulatory Affairs and Product Integrity Consultant

- Created for a biotech firm a regulatory compliance plan to allow the firm to meet cGMP and FDA regulations at their farm, factory, and production line.
- Collaborated with the biotech firm to craft best practices for ensuring product integrity throughout the supply chain when using contract manufacturing.
- Produced plans for a consumer facing start up to prevent product spoilage during trans-Atlantic shipments of sensitive biological material.

Graduate Researcher and UC Regents' Fellow

2013-2017

UC Santa Cruz, Santa Cruz, California

- Developed a new genomic technique which used python, R, and bash scripts to detect introgression events in the whole genome data of nine species.
- Leveraged computing grid resources to effectively process terabytes of complex data.

President of Local Bike Share

2011-2013

Brunswick, Maine

- Rescued a financially failing organization months from closing turning it into an enduring community institution.
- Organized a new business model that significantly boosted operational efficiency resulting in positive cash flow.
- Hired all new staff and reshaped organizational culture to focus on customer service

Service Activities

Student Observer to the UC Board of Regents' Committee on Finance

2014-2015

- Negotiated a key part of a \$28.5 billion budget during a critical budget negotiation year
- Built fruitful working relationships with board members and appointed officials
- Collaborated with stakeholders statewide to develop effective response to the budget crisis
- Navigated divisive political disagreements to build consensus between students, the university, and the state

UCSC Academic Senate Committee on Teaching

2014-2016

- Worked with faculty to create a plan for a teacher training center to enhance learning at UCSC. UCSC was the only UC campus at the time that lacked a teacher training center.
- Helped convince key administrators and stakeholders to allocate \$1 million to the center

Publications and Awards

"Genetic Population Structure and Accuracy of Morphological Assessment in *Alosa aestivalis* and *A. pseudoharengus*" Kan, C., et al. *Northeastern Naturalist*.

2017

Best Presentation at the Keck Graduate Institute ASCB Workshop
Rapid Prototyping of a 3D Printed Artificial Hip

2016

- Developed business plan that included market, scientific, production, ethical, and regulatory analysis of the implant
- Created presentation deemed the best in the competition due to its thoroughness, synthesis of facts, and "*clear demonstration of superior teamwork.*"

Graduate Student Leadership Certificate

2015

Education

UC Santa Cruz
M.A. Ecology and Evolutionary Biology
[Genomics and Programming Focus]
2013-2018 (In Progress)

Keck Graduate Institute
Certificate in Bioscience Management
[MBA Style Program]
2016-2017

Bowdoin College
B.A Biology [Honors] and
Anthropology
2009-2013
