**James Jooseong Kang**

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**SUMMARY**

**Improvement-driven educator with a background in immunological research. Student-led approach to teaching that puts cultural and individual funds of knowledge at the front of learning. Focuses on inspiring curiosity through authentic PBL and hands on scientific inquiry.**

*TEFL Certified. 2021 EnCorps Fellow.*

**EDUCATION**

B.A., Molecular & Cell Biology, Immunology, University of California, Berkeley  **Aug 2013 – Aug 2018**

M.Ed., Teaching in Learning, San Diego Teacher Residency, High Tech High Graduate School of Education **Aug 2021 - Present**

**EXPERIENCE**

**Student Teacher (San Diego Teaching Residency) Aug 2021 – Present**

*High Tech High GSE*

* Collaborate with multi-disciplinary teaching team to design authentic project-based learning experiences for students.
* Foster culturally responsive classroom environments that promote student inquiry and knowledge ownership.
* Develop early teaching practices while earning California Preliminary Teaching Credential.

**Dance Teacher (Argentine Tango)** **Oct 2018 – Present**

*Self employed*

* Develop individualized lesson curriculum for dancers based on specific learning needs and physical capabilities.
* Facilitated training and development of national-level dancers and performers.
* Present collegiate level lectures as an expert of content material and technique.
* Adapted class curriculum to virtual learning.

**Museum Floor Educator (Field Trip Explainer) Sep 2019 - Jun 2020**

*FTE Department, Exploratorium, San Francisco*

* Modeled scientific investigations and engagement with scientific phenomena to a variety of learners while facilitating an inquiry-based approach to understanding concepts.
* Engaged student groups and visitors at exhibits and empowered learning processes by facilitating inquiry and interest in understanding natural phenomenon.
* Attended specialized workshops hosted by the Exploratorium’s Teacher Institute and the Institute for Inquiry to enrich teaching practices.

**Undergraduate Researcher, Laboratory of Russell Vance**  **May 2014 – Aug 2018**

*Department of Molecular and Cell Biology, University of California, Berkeley*

* Collaborated with researchers from diverse disciplinary backgrounds, and contributed to the publication of results in the Journal of Experimental Medicine (JEM)
* Trained and supervised incoming undergraduate technicians in practical techniques and concepts essential to safe practice wet-lab procedure.
* Presented scientific data on a bi-weekly basis to an audience of peers composed of graduate and post- doctoral researchers.

**Staff Research Assistant, Gene Targeting Facility July 2013 – May 2014**

*Cancer Research Laboratory, University of California, Berkeley*

* Shortened procedure times and costs by developing and introducing novel techniques and tools to facilitate microdissection and murine organ extraction.
* Regularly transposed written experimental data to digital format to facilitate storage and analysis.
* Responsible for preparation and handling of various chemical reagents.
* Completion of Biosafety level 1 and 2 training.

**SKILLS**

**Molecular**: In-vivo bioassay, cell-based ELISA, DNA purification, PCR, LDH assays, Western Blot

**Microscopy**: Histology, cryotome & microtome operation, confocal microscope operation, slide preparation

**Cellular:** Bacterial growth culture and transformation; Isolation and culture of primary macrophages

**Computer:** Microsoft Office, Prism, MacVector, Zeiss ZEN, SoftMax Pro

**Personal:** Spanish speaker. Experienced public speaker, Certified B2 Level Spanish Fluency

**PUBLICATIONS**

Rauch, Isabella, Jeannette L. Tenthorey, Randilea D. Nichols, **James J. Kang**, Khatoun Al Moussawi, Chulho Kang, Barbara I. Kazmierczak, and Russell E. Vance. (2016) "NAIP Proteins Are Required for Cytosolic Detection of Specific Bacterial Ligands in Vivo." The Journal of Experimental Medicine 213 (5): 657 – 665