

# SAIRINA MERINO TSUI

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## OBJECTIVE

To leverage my 10 years of experience in educational leadership – creating a data-driven, restorative justice-based culture, developing teachers, and leveraging partnerships with communities – in a role that allows me to work toward systemic change of the status quo so that higher education is accessible and transformational for students in underrepresented groups.

## SUMMARY OF QUALIFICATIONS

- Experienced school leader, teacher coach, and teacher with 10 years of experience in education.
- Background in design and implementation of teacher development programs.
- Experienced in driving vision and strategy, leading adult learning, and professional development.
- Strong skills in work flow and analysis, having managed growth of over 80 teachers in the Bay Area and Atlanta.
- Results-oriented and organized STEM educator with record of achievement for students in underrepresented groups.
- Experience growing pilot programs into school- and network-wide partnerships and programs.
- Fluent in Cantonese, familiar with Mandarin.
- Self-taught experience in programming and web design, including Javascript, HTML, CSS, jQuery, and Django.

## EDUCATIONAL LEADERSHIP EXPERIENCE

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### KIPP King Collegiate, San Lorenzo, CA

8/2017-present

#### Assistant Principal (Grade Level and Math Department).

- Coached math department – managed and evaluated math teachers from Algebra I to AP Calculus.
  - Guided department chair in developing vision of equity for students in underrepresented groups.
  - Facilitated professional development and coached on issues of equity in math.
  - Trained and coached teachers on use of data for instruction, resulting in an increase in proficiency on the KIPP network-wide benchmark ACT exams between the diagnostic and first benchmark for all math courses.
  - Created high impact coaching plans for struggling teachers to increase student achievement.
- Led 9<sup>th</sup> and 10<sup>th</sup> grade – strengthened student achievement for grade-wide structures, resulting in the highest scores in the national KIPP network on the benchmark ACT exams, and highest 9<sup>th</sup> grade passing scores for semester 1 in school history at 92%.
  - Coached grade level chair in organizing effective 9<sup>th</sup> and 10<sup>th</sup> grade teacher-level meetings.
  - Led professional development and coached teachers on use of restorative justice in classrooms and advisory.
  - Launched weekly grade wide assemblies.
  - Designed weekly SEL (socio-emotional learning) curriculum around restorative justice and Circle culture.
- Streamlined tardy policy by developing pilot study and collecting and sharing daily data, leading to a daily decrease of over 22% in second through seventh period tardies within 3 weeks.
- Strengthened the Student Honor Council, a body of students using restorative justice to support peer conflict resolution.
- Organized and led the overnight Freshman Orientation for 165 incoming freshmen, 20 seniors, and 15 adult staff members.
- Operationalized and scheduled over 650 students and teachers for weekly school-wide enrichment time for study halls, clubs, and other extracurricular activities.
- Managed 504 plans and supported students with IEPs (Individualized Education Program).
- Mentored the Robotics team with over \$15,000 budget for the FIRST Robotics Competition, sponsored by NASA.

### The Weber School, Atlanta, GA

1/2016-06/2017

#### Dean of Science. (8/2016-06/2017)

- Developed 3-year plan for growth of math and science departments to achieve outcomes of STEM program using data-driven analysis of student and classroom data.
  - Established school's first annual STEM Night by leading 15 science, math, and technology teachers in developing the vision using the Design Thinking process, resulting in attendance of over 150 students, parents, and families.
  - Brought team of students to the International "Safe-Cracking" Physics Tournament at the Weizmann Institute of Science in Israel, placing first in all competing North American teams.
- Led monthly professional development for science teachers around instructional growth to develop a professional learning community around literacy to build vertical and horizontal alignment of skills across disciplines.
- Coached 5 science teachers, resulting in a 12% increase in pass rates in AP Chemistry, Biology, and Physics 1 and 2.

#### Classroom Teacher. (1/2016-06/2017)

- Redesigned honors and college preparatory chemistry and physics courses to align to Advanced Placement (AP) and Next Generation Science Standards (NGSS).
- Taught interdisciplinary month-long, project-based course: *Design Thinking in Water Sanitation and Hygiene (WASH)* in *Developing Countries*; designed and taught *Race, Gender, Class and Ethics*.

#### **Teach for America, Bay Area, CA**

**7/2014-7/2015**

##### Director, Science Content Specialist

- Developed and implemented the two-year teacher preparation arc for incoming science teachers, resulting in students from over 40 corps member classrooms across the Bay Area achieving strong academic outcomes.
- Led professional learning communities for 60 teachers and alumni through video and in-person coaching leading to over 75% of science classrooms toward transformational change for their students.
- Partnered with alumni, school leaders, and community, leading to growth of science partnerships with universities and scientific institutions in the Bay, including the Exploratorium, Academy of Science, Lawrence Hall of Science, and Chabot Space and Science Center for access to external professional development.

#### **Leadership Public Schools Oakland R&D Campus, Oakland, CA**

**11/2011-7/2014**

##### Academic Dean. (7/2013-7/2014)

- Implemented teacher development program for staff of 19 teachers by leading weekly professional development and a cycle of observation and data feedback, resulting in a 92% improvement in school-based teacher support systems compared to the previous year as measured by teacher surveys and feedback.
- Developed CAHSEE (California State Exam) intervention program resulting in pass rates of 87% in math and 80% in ELA with students that came in 19% and 22% CAHSEE-ready to our school.
- Coordinated student intervention team resulting in 72% of all students passing all classes by end of their first semester.
- Systematized and created structures to improve on the instructional model of the school.

##### Technology Curriculum Lead. (8/2012-6/2013)

- Developed four-year technology implementation plan, including professional development in replicable innovative strategies for instruction and assessment using ExitTicket (now Gooru), Google, and online portfolios.
- Served as the instructional technology coordinator with the local college, Merritt College, resulting in a 97% pass rate for students concurrently enrolled in the hybrid college class.
- Expanded online pilot program in which 100% of students concurrently enrolled in the pre-calculus course demonstrated content mastery with an A or a B by the end of the course.
- Coordinated team of young women to design an app for the international Technovation Challenge, developing partnerships with technology companies Pathbrite, Splunk, and Google.
- Led first school-wide technology club to win the grand prize for CK-12's international Get Real competition.

##### Chemistry and Environmental Science Teacher | Science Department Lead (11/2011-6/2013)

- Designed a rigorous lab and project-based curriculum resulting in a pass rate 25% higher than CA state average in Chemistry content mastery, as measured by the end-of-year California State Test (CST).
- Adapted and implemented technology-based inquiry activities, resulting in 31% growth in chemistry proficiency (and 35% decrease of below basic competencies) as measured by content mastery on network-wide benchmark.
- Implemented course-wide portfolio system for students to self-assess and track content mastery and growth.

## **EDUCATION**

### **M.S. in Education; Secondary Science, May 2011**

Lehman College, City University of New York

### **B.A. in Anthropology, Pre-medicine; Minor in Psychology and Chemistry, May 2008**

New York University

## **ADDITIONAL WORK EXPERIENCE**

*Teach for America, Chemistry Teacher. High School for Medical Professions, Brooklyn, NY*

9/2008-8/2010

*Founding Science Teacher. NYCiSchool, New York, NY*

9/2010-8/2011

Courses and Projects (Modules) taught:

*Investigations in Physical Science, Global Infectious Disease, Chemistry of Food, General Chemistry, Chemistry of Special Effects, Social Psychology, Critical Thinking in Psychology, and the Psychology of Evil.*