

Rachel Iufer

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PROFESSIONAL EXPERIENCE

Science Teacher, Saint Lawrence Academy, Santa Clara CA 08/14 - present

- Mentored and collaborated with the two other teachers in the science department to create a cohesive program with high expectations for student learning and achievement
- Created a YouTube channel ([Teacher's Pet](#)) full of short, polished science videos about biology and chemistry that are part of a bank of open educational resources for teachers to modify and reuse in any way they want
- Mentored 13 freshman boys three days a week and moderated the Eco Club

Science Teacher, Inspire School of Arts and Sciences, Chico CA 1/10 - 6/2013

- Collaborated with teachers and staff to create a new school, curriculum (biology, chemistry, integrated science and anatomy/physiology), culture and reputation for a brand new high school charter focused on the arts and sciences in a high-poverty district
- "Flipped classroom" by creating own online screencast lessons that students watch at home, and created and implemented lessons, labs and activities that deepen student learning and understanding while in the classroom, including whole-class inquiry assessments and role-play science scenarios
- Teamed up with medical illustrators, science professionals and designers to create relevant, engaging, student-centered inquiry lessons that caused deep and reflective student learning
- Served on multiple committees (financial sustainability, advisory, facilities) to make pivotal decisions for the school
- Mentored approximately 30 students from sophomore year through senior year through a 4-day-per-week advisory period and personally handed them their high school diploma at the graduation ceremony
- Club advisor for the CSI (Christians Serving Inspire) club for three years

Science Teacher, Princeton Jr./Sr. High School, Princeton CA 8/09 - 6/10

- Developed and implemented novel, and engaging curriculum for 7th grade science, 8th grade science, biology, physics and physical science (emphasis on Earth Science) classes

AWARDS

- **Sharing is Caring, Digital Innovations in Learning Award**, and **Winner's Choice Award** (educator), 2014
- **Claes Nobel Educator of Distinction Award**, National Society of High School Scholars 2013

PROFESSIONAL DEVELOPMENT

- **Participant**, Amgen Biotech Experience, training in abridged biotechnology program and implementation 2015
- **Leader**, trained K-12 teachers from Chico USD in technology tools that enhance student engagement, Dec 2015
- **Participant**, Strategic Instruction Model, 2014-2015
- **Leader**, trained K-college educators in ScreenFlow and best practices for flipping the classroom, April 2014
- **Consultant and Attendee**, Apple Distinguished Educator Conference, Cork Ireland, 2013 consulted the Duarte Inc. speaking team on education, and helped modify their content for an audience of educators
- **Member**, Flipped Learning Network, PLC for teachers using screencasting/flipped classrooms in education, 2012
- **Attendee and Member**, NSTA National Conference, over 10 science workshops attended, 2011
- **Participant**, Sustaining Formative Assessment workshop with Dylan Wiliam, 2010
- **Participating Teacher**, BTSA year 1 and 2, 2009-2011
- **Participant**, Conscious Classroom Management workshop with Rick Smith 2008
- **Participant**, California Science Project, Science of Humans, continuing education, summer 2008

SKILLS

- **Computer programs** expert in: Microsoft Word & PowerPoint, Keynote, Google Apps, ScreenFlow, Excel
- **Classroom technology**: document cameras, microscopes, projectors, DVD/BluRay players, BYOD integration, interactive whiteboard, microscope camera, biotechnology, Aeries, PowerSchool

EDUCATION

University of San Francisco:

- **M.A. Digital Media and Learning** – May 2014

California State University, Chico:

- **California Single Subject Credential** obtained Dec. 31, 2008 (Biology, Chemistry, Geoscience)
- **B.S. Biology** completed December 2007