



PACIFIC COLLEGIATE SCHOOL

## 5th Annual Capstone Symposium

May 16th, 2019

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### Poster Presentations

5:30 p.m. - 6:50 p.m.

**Noah Alonzo, "RUIN: A Graphic Novella" (VPA)**

Noah Alonzo is drawing and writing a graphic novella. His process included character and environment design, script writing, and panel composition.

**Logan Bercaw, "Role Playing Games For Developing Kids' Social Skills" (Int.)**

Logan played role playing games with kids in 5th and 6th grade to help them improve their social skills. By bringing different kids together sharing a common goal, they can come out of their comfort zones and learn more easily. He used purposeful and targeted goals and methods in his games in order to teach certain lessons through the narratives they created together.

**Callum Farber, "Rio Sands" (VPA)**

Callum wrote and produced a six-song EP titled *Rio Sands*. Callum has been writing music for three years and wanted to manifest his ideas in a more professional setting. The EP includes genres such as alternative and progressive rock, jazz/blues, and acoustic interludes.

**Isabel Folger, "Improving Writing by Reading" (English)**

Isabel focused on expanding her skills as a creative writer by studying authors she admires (such as Roxane Gay, Raymond Carver, E. E. Cummings, and Charles Bukowski) and applying their techniques to her own work. Her project culminated in curating a chapbook of work spanning a range of styles, designed to reflect the diversity of the work she studied this year.

**Sylvie Fraley, "Writing a Children's Book On Disease and Illness" (English)**

Sylvie wrote a children's book explaining the biology behind illness and disease. She will talk about the process of writing a children's book and, in particular, the idea of combining creative writing with the study of biology.

**Andrew Harris, "Red Reaper" (English)**

Andrew has wanted to write a novel for as long as he can remember. For his capstone project, he took some of the unpolished ideas he had over the years and began transforming them into a dark-fantasy narrative titled *Red Reaper*.

**Kira King, "Sequential Art in the Digital Era" (VPA)**

Kira King explored the process of writing, designing, and illustrating an ongoing webcomic.

**Marcos Kvaternik, "Analyzing Architectural Design Processes" (VPA)**

Marcos spent his first semester exploring different architectural styles through Google SketchUp and made designs for five houses. In the second semester, he researched the different ways architects go about the design process.

**Anna Lauridsen & Melia Van Hecke, "It's My Life: An Original Musical" (VPA)**

Anna and Melia adapted and lengthened an original musical that is centered around teenage mental health and the struggle of growing up and finding one's place in the world.

**Clem Peterson, "We Are All Still Children: An Unfinished Book of Poetry" (English)**

For more than three years, Clem has been diving into their love of poetry: reading it, writing it, and sharing it through various forms of media, community art markets and poetry competitions. This year they decided to backtrack all their poetry and wrote or edited over 100 poems in the hopes of publishing within the next year.

**Tristan Peterson, "Leading Model UN" (History)**

Tristan wrote bylaws for and a guide to leading the Model UN club at PCS.

**Rina Rossi, "Finding Frank" (English)**

Over the course of the past three years, Rina wrote and edited a novel, *Finding Frank*, that is composed of two volumes through an online self-publishing platform.

**Sophie Scott, "The Benefits of Aquaponics: How Fish and Plants Can Save the World" (Science)**

Sophie has spent the last three years becoming interested and invested in helping solve the problem of the global food crisis. Over the last year, she has done

research and written a paper outlining why and how we need to change the way our global food system works and how aquaponics, a practice that combines the rearing of fish and the growing of plants, fit into our future.

**Tara Tempesta, “Modern Shoemaking and Design” (Int.)**

Tara’s family has participated in the shoemaking industry since the beginning of the 20th century. She learned family history and shoemaking techniques from her grandmother and used what she learned to update the old methods and contribute her own design to the collection.

**Ileana Waddy, “Multicultural Representation in Fantasy” (Int.)**

Ileana created a portfolio of concept art pieces, draft sketches, visual and textual research, and descriptions of original fictional characters, as well as the societies they hail from. The designs of the characters and their societies explore and are inspired by history and cultures from around the world in the creative context of a traditional fantasy setting.

**Tatum Whitehead, “Pigeon: A New Kind of Social Media” (Science)**

This past year Tatum pursued her interest in graphics and digital arts to design a social messenger application called Pigeon because before we had social media we used, you know, carrier pigeons.

**Tilden Wooley, “Snowboard Dynamics” (Int.)**

Tilden spent his year designing and building two snowboards. Tilden is a competitive snowboarder and sought to learn more about how the shape of the board affects its (and his) performance. The process involved determining the desired shape and profile of the board, building a press to combine the various structural layers of the board into the designated shape, and finally assembling and pressing the board.

## Oral Presentations

**7:00: Perry Otto, “Environmental Teens” (Int.)**

Perry brought together a group of teens in Santa Cruz County to help educate the public on our current environmental issues. She researched topics such as endangered species, animal agriculture, sustainable fashion, and recycling. Perry emphasized how our generation can spread awareness about environmental topics, and with the help of other PCS students, led a booth at Earth Day Santa Cruz in April.

**7:15: Anika Hayes, “Got Health? Mental, Emotional, and Physical Health for Middle Schoolers” (Int.)**

Anika created and taught a year-long curriculum called “Got Health?” which addresses mental, emotional and physical health for middle schoolers. The curriculum covers topics from building trust and confidence, self-care and coping skills, suicide prevention, mental health and the stigma around it, friendships, acceptance, bullying, consent and relationships, eating disorders, alcohol and drugs, gratitude, self-identity and learning about yourself and physical health.

**7:30: Nico Panzardi, “Motorizing a Recumbent Trike” (Science)**

Nico fixed up and motorized a recumbent tricycle he received off of Craigslist. To make the trike street legal and street safe, he attached working pedals, brakes and made the trike 2-wheel drive. He designed everything on his own in order for everything to work safely.

**7:45: Ruby Taylor, “The Nuances of Vocal Performance” (VPA)**

Ruby Taylor worked over the course of the year with Alice Hughes and Ben Dorfan to prepare thirteen art songs and arias for a final performance in May.

**8:00: Quinn Williams, “The Art of Food” (Int.)**

Quinn spent the year learning how to cook in northern Indian and Persian styles to better prepare himself for a lifelong dive into the culinary arts. He will show a small portion of what he learned by catering the Symposium.

**8:15: Terry Cole, “Dot: Forgotten Masterpieces of American Symbol Design” (VPA)**

Terry has been involved in graphic design during his years at PCS and has become increasingly fascinated with the union of aesthetics and meaning. Stemming from a long interest in the signage used in airports, over the past year he has worked on a short documentary explaining the design process and historical context behind the AIGA DOT Symbol Signs in use across the United States today.