

Salon XXIII: Science and Art

Thursday, August 31, 2016

4:30pm (Foege S-110)

Sam Entwisle and Katherine Xue

Upcoming events:

Salon XXIV: Metaphors in Science

Thursday, September 18, 2016

4:30pm (Simpson Center - CMU 202/204)

Leah Ceccarelli and Sarah Nelson

UW Genomics Salon website: <https://genomicssalon.wordpress.com/>

UW Genomics Salon mailing list: <https://groups.google.com/forum/#!forum/uw-genomics-salon>

Special guests:

Tami Tolpa - science and medical illustrator (<https://www.tolpa.com>)

Susan Zoccola - artist (<http://susanzoccola.com>)

Kate Thompson - artist (<http://katethompson.com>)

Science and art may seem like distinct pursuits, but they have always informed and inspired one another. Art can show us the beating heart of science--and pose difficult questions about science and society. In this salon, we will explore the various ways in which art and science interact and discuss different works of art. How does training in the arts enrich a career in science? What are some of the benefits of a strong relationship between science and art? When does it make sense to separate the two practices? We will be joined by guests with direct experience at the interface of science and art.

Framing questions:

1. In what different ways can art and science interact productively?
2. How does a training in the arts enrich a career in science? Vice versa? Should training in the arts be a prerequisite, or at least more valued by admissions/employers, for careers in research?
3. To what extent does it make sense to separate the practices of science and art?

Discussion questions for each artwork:

1. What is the piece doing? (Explaining? Questioning? Something else?)
2. Was this piece made with a particular type of viewer in mind?
3. In what context would this most likely be viewed?
4. What scientific and artistic concepts does the piece make use of?
5. What decisions did the artist make about how to represent or abstract scientific concepts?

Upcoming events and opportunities:

- **Proof** at the Pocket Theater, Greenwood Avenue - *Proof* is a play about mathematicians. Who better to play mathematicians than mathematicians? (And scientists, engineers, medical professionals, science writers, and more!) Our cast of STEMM professionals will be performing Pulitzer and Tony winner *Proof*, about the struggles of math, education, and mental illness. After the show, you'll get to hear from the cast about what they and their work are really like. Thursday September 14, 7pm; Saturday September 16, 2pm; Saturday, September 23, 6pm. https://thepocket.vbotickets.com/event/Proof_Theatre/22108

- **SPARK: 5 strategies for the visual communication of science** - Online course co-taught by Tami Tolpa. SPARK teaches you how to communicate your ideas successfully by making a picture of them. What you'll learn can be applied to many different ways of presenting information—such as diagrams, charts, or data visualizations. The pictures you'll learn to make can be used for talks, publishing, websites, or posters.

<https://www.pictureasportal.com/courses/five-strategies-for-the-visual-communication-of-science>