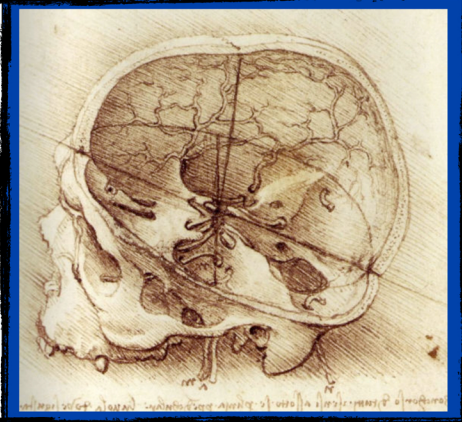


AAD 199: WINTER 2016 ART MEETS SCIENCE: MAKING THE INVISIBLE VISIBLE

INTERSECTIONS BETWEEN ART AND SCIENCE

What are artistic and cultural meanings of scientific images? How is scientific-based imagery displayed artistically and how do artists remix these visualizations in their own works? When placed within artistic contexts, scientific images change meaning over time and become part of our visual culture. As part of this seminar students have examined ways in which images, whether of the human body or the universe, are visually and artistically represented in public spaces and how such imagery tells us stories about our lives related to science. Each student researched and analyzed a specific artist throughout the term. From this research and artistic creation, a final paper and online formal visual presentation was then developed by each student.



Leonardo Da Vinci, Study of a skull, between 1510 and 1511

BUT SCIENCE AND EVERYDAY LIFE CANNOT AND SHOULD NOT BE SEPARATED.
—ROSALIND FRANKLIN

[T]HERE SHALL BE LOVE BETWEEN THE POET AND THE MAN OF DEMONSTRABLE SCIENCE. IN THE BEAUTY OF POEMS ARE THE TUFT AND FINAL APPLAUSE OF SCIENCE.
—WALT WHITMAN (1868) PREFACE TO THE FIRST EDITION OF LEAVES OF GRASS, POEMS BY WALT WHITMAN, P. 46.



Over the course of this First-Year Seminar, the students were able to visit the CAMCOR Labs at the University of Oregon and Oregon Contemporary Theatre. Additionally the students interacted with guest presenters from the Science Literacy Program, English/Comparative Literature, Physics, Chemistry/Bio-chemistry, Human Physiology, the Science Library, and a local scientific illustrator. From these visits the students worked with course readings, presentations, and most importantly their own research towards the culmination project that included a "Creative Display" and formal research paper. These projects highlighted a specifically identified artist working with a field of science. Scientific research areas included environmental science, anatomy, drone technology, fractals, neuroscience, psychology of medical transplants, the Fibonacci sequence, and astrophotography/astronomy.

The artists, and artist groups researched included: Ned Kahn, Scott Snibbe & Cab Spotting, Ars Electronica, Buster Simpson, Mandy Barker, Scott Draves & Electric Sheep, Andrew Carnie, G. Brad Lewis, Kellyann Geurts, Eliot Goldfinger, and MyersBerg Studios.

The student work you will see presented today to the larger University of Oregon community is a showcase of the students' cumulative 10-week work on their research and Creative Displays. If you have questions about the seminar please contact us: Julie Voelker-Morris (jvoelker@uoregon.edu), Robert Voelker-Morris (rmmorris1@uoregon.edu).