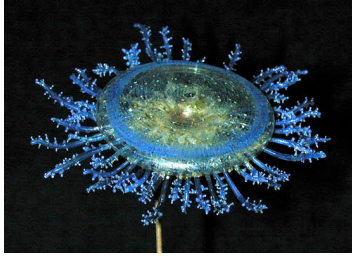
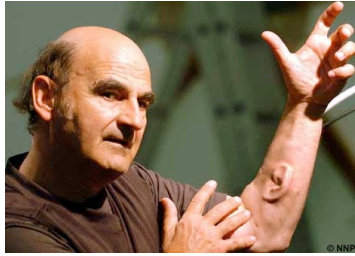


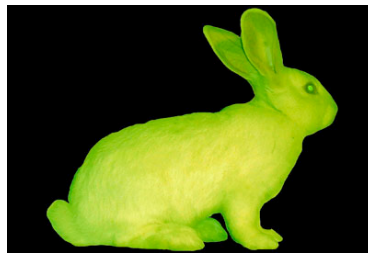
The Intersections of Art and Science



Blaschka Glass Jellyfish Model



Stelarc's Ear Arm



Alba, Transgenic Artwork

What is science? What is art? Are they two separate worlds? Or two cultures in the same world? Do they divide up this world? Is there anything outside of these two comprehensive realms? To get a grasp on these big issues, we will read and write about four themes: Representing Nature in Art and Science, Ethics in Art and Science, Bodies in Art and Science, and Legal Issues in Art and Science. Following each section a concise analytical paper will be due. By taking on specific case studies, including NASA images, 19th century glass models, design noir, and tactical media, this course will challenge the idea that objects and people can be easily sorted into the categories of art/artist or science/scientist. By focusing on liminal objects and people, things that appear to occupy spaces in both art and science or which seem to move between these two worlds over time, we will unpack the categories of art and science.

Course Schedule

Representing Nature in Art and Science

Week 1: Daston, Lorraine. "Nature by Design." *Picturing science, producing art*. 'Ed'. Jones and Galison with Amy Slaton. New York: Routledge, 1998. Print.

Ede, Sian. *Art & Science*. London: I.B. Tauris, 2005. Print.

Week 2: Haeckel, Ernst. *Art Forms in Nature: The Prints of Ernst Haeckel*. Munich: Prestel, 1998. Print. (Olaf)

Week 3: Rossi-Wilcox, SM. "From Reference Specimen to Verisimilitude: the Blaschkas' Penchant for Botanical Accuracy." *Historical Biology*. 20.1 (2008): 11-8. Print.

Bodies in Art and Science

Week 4: Schiebinger, Londa L. *The Mind Has No Sex?: Women in the Origins of Modern Science*. Cambridge, Mass: Harvard University Press, 1989. Print.

Week 5: Warwick, Kevin. "RFID Implants." *Professor Kevin Warwick*. The University of Reading, 15 Nov 2010. Web. 15 Nov 2010. <<http://www.kevinwarwick.com/>>.

"Extended Body: Interview with Stelarc." Stanford, 15 Nov 2010. Web. 15 Nov 2010. <http://www.stanford.edu/dept/HPS/stelarc/a29-extended_body.html>.

Week 6: Orlan, Perf. *Carnal Art*. Perf. Orlan. Miriapodus Film: 2001, Film.

Ethics in Art and Science

- Week 7:** "Body Donation for Plastination." *Gunther von Hagens' Body Worlds: The Original Exhibition of Real Human Bodies*. Institute for Plastination, 15 Nov 2010. Web. 15 Nov 2010. <http://www.bodyworlds.com/en/body_donation.html>.
Barboza, David. "China Turns Out Mummified Bodies for Displays." *New York Times* 08 Aug 2006: n. pag. Web. 15 Nov 2010. <http://www.nytimes.com/2006/08/08/business/worldbusiness/08bodies.html?_r=1&scp=1&sq=body%20worlds&st=cse>.
Ulaby, Neda. "Cadaver Exhibits Are Part Science, Part Sideshow." *NPR* 2006 Aug. 10: n. pag. Web. 15 Nov 2010. <<http://www.npr.org/templates/story/story.php?storyId=5651882>>.
- Week 8:** Catts, Oron, and Ionat Zurr. "Ingestion / Disembodied Cuisine." *Cabinet Magazine Online* 2006: n. pag. Web. 15 Nov 2010. <<http://www.cabinetmagazine.org/issues/16/catts.php>>.
- Week 9:** Edward Kac's Alba: Kac, Eduardo. "GFP BUNNY." *K A C*. Eduardo Kac, 15 Nov 2010. Web. 15 Nov 2010. <<http://www.ekac.org/gfpbunny.html>>.

Legal Issues in Art and Science

- Week 10:** Vanouse, Paul. "Latent Figure Protocol." *Paul Vanouse: Selected Works*. Paul Vanouse, 15 Nov 2010. Web. 15 Nov 2010. <<http://www.contrib.andrew.cmu.edu/~pv28/lfp.html>>.
- Week 11:** The Marching Plague. Read sections Installation, Performance, and Position Paper. Critical Art Ensemble. "Marching Plague: Germ Warfare and Global Public Health." *Critical Art Ensemble*. Autonomedia, 2006. Web. 15 Nov 2010. <<http://www.critical-art.net/books/mp/MPak.pdf>>.
"New York Artist Faces Bioterrorism Charges." *Morning Edition*. NPR: 14 Jun 2004. Web. 15 Nov 2010. <<http://www.npr.org/templates/story/story.php?storyId=1957000>>.
Swenson, Lise, Steven C. Beer, Lynn Hershman-Leeson, Tilda Swinton, Thomas J. Ryan, Peter Coyote, Josh Kornbluth, and Steve Kurtz. *Strange Culture*. New York, N.Y.: Distributed by New Video Group, 2008.
- Week 12:** Wilson, Stephen. *Art + Science Now*. London: Thames & Hudson, 2010. Print.