William Clark / wiclark@ucsd.edu / Lecture: Tuesday-Thursday 2-3:20 PM, WLH 2111
Office: 2302 HSS, East Wing / Office Hours: Tues+Thurs 12-1 & 6:30-7:30 P.M.

Grading: In-Class Exam 1 = 10% + In-Class Exam 2 = 20% + Take-Home Essay = 20% + Final = 50%.
The final is an in-class exam + a take-home essay.

Most readings and videos are on the class website (http://webctweb.ucsd.edu) in a folder for the relevant lecture.

Readings (selected pages as pdfs on the class website)
David Basalla, “Pop Science: The Depiction of Science in Popular Culture” (1976).
Bruce Baum, The Rise and Fall of the Caucasian Race ... (2006).
Benjamin Franklin et al., Report on Animal Magnetism (1784).
Craig McCracken et al., The Powerpuff Girls Movie: Mojo Jojo, My Story (2002).
Mary Shelley, Frankenstein ... (1831)

Video Sources (as mp4s on the class website)
30 Years of National Geographic: Leakey, Goodall, Fossey, Galdikas (1996).
A Is for Atom (1952/53).
Cartman Gets an Anal Probe (1997).
Death of the Universe (2007).
Dinosaur Secrets Revealed (2002).
Duck and Cover (1951).
Einstein (1979).
Hackers: Outlaws and Angels (2002).
Madame Curie (1943).
Miss Goodall and the Wild Chimpanzees (1965).
Operation Cue (1955).
Lectures: Dates & Topics

**SEPTEMBER**
23 (01) **Introduction:** Popular Science, Pop Science, Popularization of Science
   - **Read:** Basalla, “Pop Science.” **Skim Read:** Haynes, *From Faust...*, introduction+ chaps. 1-3.

28 (02) **The Enlightenment I:** The Origins of Popular Science
   - **Read:** Haynes, *From Faust...*, introduction + chap. 4. **Optional:** McNeil, “Newton as National Hero.”

30 (03) **The Enlightenment II:** Electricity & Popular Culture
   - **Read:** Haynes, *From Faust...*, introduction + chap. 5. **Skim Read:** Fara, *An Entertainment...,* pp. 1-98.

**OCTOBER**
05 (04) **The Enlightenment III:** The Vogue of Mesmerism + **In-Class Exam 1**

07 (05) **Humans & Monsters I:** Frankenstein, Grave-Robbery, & Medical Horrors
   - **Read:** Shelley, *Frankenstein...*, pp. 10-25 (Bk. 1, chaps. 1-5); Haynes, *From Faust...*, chaps. 6-7.

12 (06) **Humans & Monsters II:** Anthropology, Teratology, Racism
   - **Read:** Baum, *Rise & Fall...*, chap. 2. **Optionally Read:** Hagner, “Enlightened Monsters.”

14 (07) **Humans & Monsters III:** The Rise & Fall of the Dinosaurs

19 (08) **Evolution & Creationism I:** Darwin & His Critics + **In-Class Exam 2**

21 (09) **Science Wizards I:** Verne & Wells / Edison & Tesla
   - **Read:** Haynes, *From Faust...*, chaps. 8-11. **Optionally Read:** Evans, *Jules Verne*.

26 (10) **Science Wizards II:** Marie Curie & Albert Einstein
   - **Watch:** *Madame Curie* (1943). **Highly Suggested Watch:** *Einstein* (1979).

28 (11) **The Bomb I:** “The Fathers” – Oppenheimer & Teller

**November**
02 (12) **The Bomb II:** Nuclear Fear

04 (13) **Cosmology & Aliens I:** Cosmic Origins & Ends

09 (14) **Cosmology & Aliens II:** UFOs & the ET Hypothesis

16 (15) **Evolution & Creationism II:** Catastrophes, Dinosaurs, Intelligent Design + **Take-Home Essay Due at 2 PM**
   - **Optionally Read:** Appleman, *Darwin...*, pp. 420-25, 527-623.

18 (16) **Primatology I:** Monkeys & Apes / Leakey & His Angels
   - **Watch:** *30 Years National Geographic: Leakey +... Goodall +... Fossey +... Galdikas* (1996).
23 (17) **Primatology II**: Jane Goodall
   - **Read**: Paulson, “Jane Goodall’s Animal Planet.”

30 (18) **Computers**: Thinking Machines & the Gremlins

**December**

02 (19) Wrap Up: Museums & Media / Monsters & Catastrophes

**09 Take-Home Essay Due at 3 PM + In-Class Final Exam 3-6 PM**