

# Evans Boney

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[EvansBoney.com](http://EvansBoney.com)

I produce, consult, write, and act in science-related media.

The world needs more and better Science Guys.

- Education**     **California Institute of Technology**     Pasadena, CA  
Ph.D. Candidate in Chemistry under Nobelist Rudolph Marcus. Begun Fall 2006.  
Candidacy (Masters requirement) Winter 2007. Graduation expected June 2012.
- Massachusetts Institute of Technology**     Cambridge, MA  
Bachelor's Degree Physics and Bachelor's Degree Chemistry, minor in Mathematics,  
June 2006. Coursework includes: nature writing, inorganic chem. 1 and 2, Cosmology,  
organic chemistry 1 & 2, advanced organic chemistry, thermochemistry, computational  
quantum dynamics (Grad), quantum chemistry, quantum chem. 1 and 2 (Grad), quantum  
physics I, II, and III, statistical thermodynamics, biological chemistry, chemical  
experimentation (3 semesters), non-linear dynamics 1 & 2 (including fluid mechanics),  
French 1,2, 3, and 4, structure and interpretation of computer programs, microeconomics,  
wave motion, applied math, science journalism, and linear algebra.
- Experience**     **Penn and Teller's Secrets of the Universe**     West Hollywood, CA  
Associate Producer / Researcher / Actor. I researched original ideas for daily pitch  
meetings, tested other ideas for feasibility, helped with scientific specifics in the scripts,  
and contributed to some of season 1. *April 2011 – June 2011*
- PhD Comics: The Movie**     Pasadena, CA  
Actor / Mike Slackernery. Cast as slacker n-th year graduate student Mike Slackernery  
in the much anticipated PhD Comics live action series. This comic is read internationally  
in the graduate student community, and the website where it will eventually be released  
gets 7 million unique hits annually (phdcomics.com). Screenshots available upon  
request.
- CalTech- Nobel Laureate Prof. Rudolph Marcus**     Pasadena, CA  
Research Assistant and Teaching Assistant. Studying transcription networks (with Prof.  
Jim Heath), evolutionary biology theory (with Prof. Rob Phillips), surface desorption  
processes, and CO isotopic fractionation (with Prof. Rudy Marcus, my thesis advisor).  
Teaching Assistant for 10 total chemistry classes spanning Quantum Mechanics,  
Statistical Mechanics, and Thermodynamics classes. *Fall 2006-present*
- University of Texas- Prof. J. F. Stanton**     Austin, TX  
Visiting Researcher. Tested new methods in Quantum Monte Carlo. Used ACES II to  
get molecular constants for electronic states of CO to create synthetic spectrum. *Summer  
2006*  
*(Conference Submissions, Research Papers, and References available upon request)*

## Awards, Media Appearances and Offices Held:

- Appeared as self on **BBC Nature Outlook** special "Turning the Tables" (2010)
- Lindau Conference of the Nobel Laureates Attendee (2010)
- Caltech Graduate Student Council President (2008-2009)
- Caltech Graduate Student Council Social Committee Chairman (2007-2008)
- NSF Graduate Research Fellowship Honorable Mention (2006 and 2007)