

# STEVEN CHAN

M.D. M.B.A.

## EDUCATION

- University of California, Irvine, School of Medicine**, Irvine, CA June 2012  
M.D. with Distinction in Service,  
honors in neuroscience, core neurology, acute adult psychiatry, & emergency psychiatry
- University of California, Irvine Merage School of Business**, Irvine, CA June 2012  
M.B.A., emphasis in healthcare administration
- University of California, Berkeley**, Berkeley, CA December 2005  
B.A., Computer Science, with honors, emphasis in user interfaces & graphics  
B.A., Molecular and Cell Biology, emphasis in cell & developmental biology

## PROFESSIONAL TRAINING & WORK EXPERIENCE

- University of California, Davis, Health System, Dept of Psychiatry**, Sacramento, CA June 2012-present  
Resident Physician
- Microsoft Corp (Tellme Networks)** [microsoft.com/tellme], Mountain View, CA Jan 2006-June 2007  
Software Engineer
- Engineered and built voice-recognition applications, including AT&T Mobility 411 directory assistance; maintained Verizon 411, Fandango phone applications
  - Performed call log database analyses using Python, Perl, and PL/SQL scripts
- Visual Designer
- Created promotional campaigns for mobile phone products, university recruiting, web
  - Created motion graphics and product concept sketches for pitches for Microsoft executive staff
- Academic Centers, University of California, Berkeley** [academiccenters.berkeley.edu] 2002-2006  
Web Developer
- Managed complete redesign and implementation of website with 375 HTML pages
  - Directed hiring process and interviewed student candidates for company positions
- Student Learning Center, University of California, Berkeley** [slc.berkeley.edu] 2002-2005  
Teaching Assistant, Tutor, and Study Group Leader
- Coached study groups in organic chemistry; lectured to large audiences of up to 200 people
  - Led labs and tutoring for Summer Bridge chemistry programs
  - Developed interpersonal and communication strategies with underperforming students

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**LEADERSHIP & VOLUNTEER EXPERIENCE**

- Psychiatry Student Interest Group Network** [[www.psychsign.org](http://www.psychsign.org)] 2010-2012  
Co-Chair, California statewide region 6
- Organized 2012 national conference with American Psychiatric Association, Philadelphia, PA
  - Organized 2011 regional conference in conjunction with 2011 Institute for Psychiatric Services (IPS) in San Francisco, CA on \$2,000+ budget
  - Organized 2011 national conference with American Psychiatric Association in Honolulu, HI, attracting 60+ medical students and 30+ guest speakers
  - Organized 2010 regional conference at the University of California at Irvine's Neuropsychiatric Center on \$500 budget, attracting 40 medical students and 10 guest speakers
  - Redesigned website with new graphic identity package, Facebook & Twitter integration
- UC Irvine Outreach Clinics** [[www.ucioutreachclinics.org](http://www.ucioutreachclinics.org)] 2007-2009  
Publicity & Web Chair
- Created organization intranet, online scheduling to track 200+ volunteers
  - Set branding standards and crafted complete identity package
  - Created public website to attract patients, donors, volunteers
- Clinical Volunteer 2008-2012
- Advise and coach first- and second-year student physicians in patient encounters
  - Perform free primary care check-ups for underserved, low-income patients
- Gold Humanism Honor Society**, UC Irvine chapter [[www.humanism-in-medicine.org](http://www.humanism-in-medicine.org)] 2010-2011  
Co-President, UC Irvine chapter
- Promoted compassion & humanism in medicine through community service events and promotional marketing for 1<sup>st</sup> annual National Solidarity Day
- Psychiatry Student Interest Group at UC Irvine** 2009-2010  
Co-President
- Promoted mental health awareness by organizing student seminars, dinners, & lectures
- Associated Medical Student Government** [[www.ucimedstudents.net](http://www.ucimedstudents.net)] 2007-2011  
Webmaster
- Created social networking web portal P=MD: 400+ users with 10,000+ posts
  - Coordinated with other webmasters to lobby administrators for more student IT resources
- Transit Advocates of Orange County** [[www.TransitAdvocatesOC.org](http://www.TransitAdvocatesOC.org)] 2009-2011  
Speaker & Boardmember
- Advocated on behalf of seniors, veterans, students, persons with disabilities, and families with poverty who commute by public transit to access healthcare, grocery stores, and employment
  - Created web & print marketing materials, & social media reaching 1000's of transit riders
- Health 2.0 Conference** [[www.health2con.com](http://www.health2con.com)] 2008, 2010  
Volunteer
- Plexus arts & literature magazine**, UC Irvine School of Medicine 2007-2008  
Assistant Layout Director

**Upsilon Pi Epsilon computer science honor society** [upe.cs.berkeley.edu]

2004-2005

President

- Coordinated team of 15 officers and activities on a \$3,500 budget
- Expanded member interest in club, doubling candidate pool from previous years
- Spearheaded fundraising initiatives, industry lectures, and tutoring & peer advising sessions

**UC Berkeley Undergraduate Graphics Group** [ucbugg.berkeley.edu]

2001-2004

Masterclass Coordinator

- Directed weekly lecture series with Pixar Animation, Sony Imageworks, & SF Bay Area studios
- Established and delivered workshops on Maya 3D graphics shader & motion graphics
- Created storyboards, textures, and shaders for short animated films

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**HONORS & AWARDS**
**Graduation with Distinction in Service**, UC Irvine School of Medicine, 2012

Presented to 1 student per class voted by faculty and school administration

**Associated Medical Student Government Service Award**, UC Irvine School of Medicine, 2012

Presented to 1 student per class as voted by peers for outstanding service to the entire student body

**Associated Medical Student Government Service Award**, UC Irvine School of Medicine, 2011

Presented to 1 student per class as voted by peers for outstanding service to the entire student body

**Faculty Fellowship**, UC Irvine Paul Merage School of Business, 2010

Merit-based financial award for incoming business students

**Associated Medical Student Government Service Award**, UC Irvine School of Medicine, 2010

Presented to 1 student per class as voted by peers for outstanding service to the entire student body

**Gold Humanism Honor Society** inductee, UC Irvine chapter, 2010

Awarded to 15 peer-nominated students per class for exemplary compassion &amp; humanism

**Associated Medical Student Government Service Award**, UC Irvine School of Medicine, 2009

Presented to 1 student per class as voted by peers for outstanding service to the entire student body

**Chancellor's Living Our Values student team award**, UC Irvine, 2009

For work in co-founding the school's first student-run free clinic, UC Irvine Outreach Clinics

**Associated Medical Student Government Service Award**, UC Irvine School of Medicine, 2008

Presented to 1 student per class as voted by peers for outstanding service to the entire student body

**UC Berkeley Alumni Leadership Scholar**, UC Berkeley, 2005

One-year merit-based scholarship recognizing innovative, motivational leadership

**Golden Key Honor Society Award Recipient**, UC Berkeley, 2005

Recognizes top 15% of university students

**Dean's Honor List**, UC Berkeley, 2004

Awarded to the top 4% of Letters &amp; Science undergraduate students per semester

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## PRESENTATIONS

- 9<sup>th</sup> Annual MD/MBA Conference, Lubbock, TX. Poster: "Collaborative Online Social Media in Medical Student Affairs." April 2011.
- Institute for Medical Leadership, Chief of Staff Boot Camp conference. Panelist: "Communicating with Generation Y." Marina del Rey, CA, Dec 2010.
- PsychSIGN Region 6 conference, conference organizer. Oct 2010.
- Los Angeles Convention Center DrupalCampLA conference. Seminar: "User Interface Design for Social Networks." September 2008.
- Los Angeles Convention Center DrupalCampLA conference. Seminar: "Installing the Drupal Content Management System." September 2008.
- UC Irvine School of Medicine student panels & teaching sessions (USMLE Step 1 success, UCI-SOM First Year Orientation, How to Use P=MD student portal), 2008-present.
- UC Irvine School of Medicine 15<sup>th</sup> Annual Medical Student-Faculty Retreat, La Quinta, CA. Poster: "Assessing Stuttering with Virtual Reality Environments." September 2008.

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## PUBLICATIONS

- J.H. Calinaisan, **S.R. Chan**, A. King, P.J. Chan. "Human papillomavirus and blastocyst apoptosis." *J Assist Reprod Genet.* 2002 Mar;19(3):132-6. PMID: 12005308
- R.S. Raman, P.J. Chan, J.U. Corselli, W.C. Patton, J.D. Jacobson, **S.R. Chan**, A. King. "Comet assay of cumulus cell DNA status and the relationship to oocyte fertilization via intracytoplasmic sperm injection." *Hum Reprod.* 2001 May;16(5):831-5. PMID: 11331625.
- P.J. Chan, J.U. Corselli, W.C. Patton, J.D. Jacobson, **S.R. Chan**, A. King. "A simple comet assay for archived sperm correlates DNA fragmentation to reduced hyperactivation and penetration of zona-free hamster oocytes." *Fertil Steril.* 2001 Jan;75(1):186-92. PMID: 11163836.

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## RESEARCH EXPERIENCES

- UC Irvine Center for Medical Treatment of Stuttering** [[www.uadv.uci.edu/spotlights/spotlight-chan.asp](http://www.uadv.uci.edu/spotlights/spotlight-chan.asp)] 2008  
 Research Assistant for Gerald A. Maguire, MD
- Created virtual reality application to simulate public speaking environment to evaluate progress of patients who stutter
  - Attended Medicine Meets Virtual Reality and Health 2.0 conferences to research med technology
  - Funded by a grant from the Kirkup Endowment Fund
- UC San Francisco Women's Health Clinic OB/GYN** 2004  
 Research Assistant for Shehua Shen, MD
- Compiled data from patients' charts for retrospective research studies on intra-uterine insemination (IUI) patients and success rates of artificial insemination based on egg morphology

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## ASSOCIATIONS

Gold Humanism Honor Society, inductee.  
American Psychiatric Association, member-in-training.  
American Medical Association, resident member.  
Upsilon Pi Epsilon computer science honor society, member.

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## CERTIFICATION & LICENSURE

BLS certified  
ACLS certified  
USMLE Step 1 — passed — May 2009  
USMLE Step 2 CK (Clinical Knowledge) — passed — June 2011  
USMLE Step 2 CS (Clinical Skills) — passed — Oct 2010

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## PERSONAL INTERESTS

**Language:** Familiar with medical Spanish.

**Computer programming skills:** Proficient in HTML5, CSS3. Familiar with Javascript, Actionscript 3, VoiceXML, Python, Perl, MySQL, C, Android and iPhone web application development.

**Computer arts:** Proficient in Adobe Photoshop and Adobe Illustrator. Familiar with Autodesk Maya, Blender 3D, Adobe InDesign, Adobe Flash, and Final Cut Pro. Created 3D and 2D illustrations and compositions featured in UC Irvine SOM *Plexus* arts and humanities journal (2008) and cover of the *PLoS Computational Biology* science journal (2005).

**Visual and motion design:** Created 3D computer-animated short film *Melody's Flight* with a team of 6, shown at UC Irvine SOM Talent Show (2008) and UC Berkeley art practice show (2004).

**Other hobbies:**

- Former lead cellist in Southern California Young Artists Symphony
- Former bass singer in UC Irvine MEDleys medical student *a cappella* group
- Bicycling, eating, and trains