

## STEPHEN CHANG

Falk CVRC  
300 Pasteur Drive  
Stanford, CA 94305  
[scthree@stanford.edu](mailto:scthree@stanford.edu)

### Education

Medical Education: University of Cincinnati School of Medicine, Cincinnati, OH, M.D., June 2009  
Fellowship: Cardiovascular Medicine, Stanford University School of Medicine (July 2014 – current)  
Residency: University of Minnesota Medical School (July 2012 – June 2014)  
Internship: University of Minnesota Medical School (July 2011 – June 2012)

### Research Experience

*Student/Post-doctoral Fellow* (June 2009 – June 2014)  
Department of Genetics (Seidman Lab), Brigham and Women's Hospital, Harvard Medical School

### Teaching Experience

*Lecturer* (September 2000 – August 2001)  
Rutgers University Department of English, New Brunswick, NJ  
Courses taught – Expository Writing, Writing for Biology, Issues in Health and Medicine

### Publications

- 1) Burke MA\*, Chang S\*, Wakimoto H, Gorham JM, Conner DA, Christodoulou DC, Parfenov MG, DePalma SR, Eminaga S, Konno T, Seidman JG, Seidman CE, "Molecular profiling of dilated cardiomyopathy that progresses to heart failure." *JCI Insight*. 2016 May 5.
- 2) Christodoulou DC, Wakimoto H, Onoue K, Eminaga S, Gorham JM, DePalma SR, Herman DS, Teekakirikul P, Conner DA, McKean DM, Domenighetti AA, Aboukhalil A, Chang S, Srivastava G, McDonough B, De Jager PL, Chen J, Bulyk ML, Muehlschlegel JD, Seidman CE, Seidman JG, "5'RNA-Seq identifies Fhl1 as a genetic modifier in cardiomyopathy." *JCI*. 2014 March 3.
- 3) Francis R, Xu X, Park H, Wei CJ, Chang S, Chatterjee B, Lo C, "Connexin43 modulates cell polarity and directional cell migration by regulating microtubule dynamics." *PLoS One*. 2011 Oct 14.
- 4) Konno T, Chang S, Seidman JG, Seidman CE, "Genetics of Hypertrophic Cardiomyopathy." *Curr Opin Cardiol*. 2010 Jan 30.

### Abstracts, posters, and presentations

- 1) Chang S, Christodoulou D, Gorham JM, Wakimoto H, Eminaga S, Conner D, Depalma S, Sparks L, Seidman JG, and Seidman CE, "Growth differentiation factor-15 is upregulated in profibrotic states of dilated cardiomyopathy and not hypertrophic cardiomyopathy."  
AHA BCVS Scientific Sessions 2012, New Orleans, LA. July 25, 2012 (Abstract and Poster)
- 2) Chang S, Christodoulou D, Gorham JM, Wakimoto H, Eminaga S, Conner D, Depalma S, Sparks L, Schmitt JP, Seidman JG, and Seidman CE, "Identifying molecular mechanisms in dilated cardiomyopathy: growth differentiation factor-15 as a novel cardiac fibroblast marker."  
ASCI/AAP Joint Meeting, Chicago, IL. April 16, 2011 (Abstract and Poster, Travel Grant Recipient)
- 3) Chang S, Christodoulou D, Gorham JM, Wakimoto H, Sparks L, Seidman JG, Seidman CE, "Identifying novel molecular mechanisms in dilated cardiomyopathy: insights into treatment and prevention."  
Harvard Medical School Genetics Retreat 2011, Broad Institute, Cambridge, MA. March 1, 2011 (Poster)
- 4) Chang S, Christodoulou D, Gorham JM, Wakimoto H, Sparks L, Seidman JG, Seidman CE, "Identifying novel molecular mechanisms in dilated cardiomyopathy: insights into treatment and prevention."  
8<sup>th</sup> Annual Lerner Symposium, Cardiology Division, BWH, Boston, MA. July 14, 2010 (Poster)