

# CURRICULUM VITAE

**Van L. Cheng, MD**  
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## Education

1994-1998 **Harvard University**, Cambridge, MA, Bachelor of Arts in Biochemical Sciences. Dean's List, Magna Cum Laude Honors.  
1998-2002 **University of California, San Diego**. MD degree.

## Postgraduate Training

2002-2006 **University of California, San Francisco- East Bay**. Resident in General Surgery.  
6/06- 11/07 **UCSD/ Vein Institute of La Jolla**. Fellow in Phlebologic Science.

## Current Appointments

2009-pres Consultant doctor for VisitingMD  
11/07-pres **San Diego Vein Institute**, Medical Director  
2007-pres **University of CA- SD**. Instructor of Surgery, Dept of Surgery  
6/08-pres Editorial Board of the SD County Medical Society Magazine  
6/09-pres San Diego Mensa Board of Directors: Development Officer  
7/09-pres Young Physician Director of the San Diego County Medical Society Board of Directors  
6-10-pres Board Member of the Harvard Club of San Diego

## Certification/Licensure

- State of California, Physician and Surgeon. License No. A86156, DEA license #A86156.
- Advanced Cardiac Life Support

## Honors and Awards

- Winner of the San Diego Metropolitan's 2009 "40 Under 40" Award.
- Winner of San Diego Business Journal's 2008 Women Who Mean Business Award.
- ACP Walter deGroot Award for excellence in phlebology- Nov 2007.
- Foundation Achievement Award in Surgery for Outstanding Clinical Work in Surgery- UCSD SOM June 2002.

- 1st Annual Auxiliary scholar recipient of the UCSD Medical Center auxiliary Endowed Scholarship In Medicine
- John Harvard Scholar and Elizabeth Cary Agassiz Scholar for academic achievement of highest distinction (1993)
- 1993 National Kidney Foundation Young Science Scholar Award (\$40,000 scholarship)
- Won nationwide contest and awarded the honor of meeting then President Bush and addressing the Republican Platform Committee in Salt Lake City.
- Addressed the California delegations at both the Democratic and Republican Party conventions in Houston and New York City in 1992.

### Research Appointments

2007-pres      **University of CA- SD, Dept of Bioengineering**, La Jolla, CA. *Principal Investigators: Van Cheng MD.*

- Hypertension-Induced Venous Insufficiency in a rat model
- Amelioration of matrix metalloproteinases by Selected Anti-Inflammatory Interventions

1999-2002      **University of CA- SD/ VAMC, Cardiology Division**, La Jolla CA. *Principal Investigator: Alan Maisel, MD.*

- Pilot studies in patients admitted with decompensated congestive heart failure.
- Study of changes in B-type natriuretic peptide (BNP) levels during treatment
- Showed that BNP level are strong predictors for mortality and early readmission.
- Showed that BNP levels can accurately reflect acute changes in pulmonary capillary wedge pressure during treatment of CHF.

1997-1998      **Brigham and Women's Hospital, Cardiology Division**, Boston, MA. *Principal Investigator: Thomas Michel, MD, Ph.D.*

- Harvard senior honors thesis research to understand the regulation of nitric oxide synthase.
- Tissue culture experiments of CD8-eNOS expression in COS-7 cells.

1994-1997      **Harvard, Dept. of Molecular and Cellular Biology**, Cambridge, MA. *Principal Investigator: John Chant, Ph.D.*

- Conducted experiments on the budding yeast, *Saccharomyces cerevisiae*, to identify gene products involved in microtubule capture during cell division.

1993              **VA Medical Center/UCSD, Nephrology Division**, La Jolla, CA. *Principal Investigators: Scott Thomson, MD and Roland Blantz, MD*

- Conducted research on the immunosuppressive drug, Cyclosporine A, in transplant patients.
- Work culminated in the award, the 1993 National Kidney Foundation Young Science Scholar Award and the \$40,000 scholarship mentioned above.

### Publications

1. Turner, M., **Cheng, V.**, Gabbai, FB., Thomson, S. Cyclosporine Suppresses Glomerular Cyclic-GMP Response to Nitric Oxide. *Journal of American Society of Nephrology*. 1997; 8: 341A.
2. Prabhakar, P., **Cheng, V.**, Michel, T. A Chimeric Transmembrane Domain Directs Endothelial Nitric Oxide Synthase Palmitoylation and Targeting to Plasmalemmal Caveolae. *The Journal of Biological Chemistry*. 2000; 275: pp19416-19421.
3. **Cheng, V.**, Kazanegra, R., Garcia, A., Lenert, L., Krishnaswamy, P., Gardetto, N., Clopton, P., and Maisel, A. A Rapid Bedside Test for BNP May Predict Therapeutic Response and Clinical Outcomes in Patients Admitted With Decompensated Heart Failure. *Journal of the American College of Cardiology*. 2001; 37(2).
4. Kazanegra, R., **Cheng, V.**, Garcia, A., Krishnaswamy, P., Gardetto, N., Clopton, P., and Maisel, A. A Rapid Test for B-Type Natriuretic Peptide Correlates With Falling Wedge Pressures in Patients Treated for Decompensated Heart Failure: A Pilot Study. *Journal of Cardiac Failure*. 2001;7(1).
5. "Foam Treatment of Venous Leg Ulcers: A Continuing Experience" in Venous Ulcers, ed. J. Bergan and C. Shortell, pub 2007, Elsevier Inc.
6. "Recurrent Varicose Veins: Treatment by Sclerosant Foam" in *Angiology*, to be published later this year. Van Cheng, MD and John Bergan, MD, La Jolla.
7. "Foam Sclerotherapy of Venous Malformations" in *Phlebology*, to be published later this year. Van Cheng, MD and John Bergan, MD, La Jolla.
8. Foam Sclerotherapy. JJ Bergan and VL Cheng (Editors). *Royal Society of Medicine Press*, London 2008.

### Abstracts/ Presentations

1. **Cheng, Van L.**; Kasanegra, Radmila; Gardetto, Nancy; Maisel, Alan S. (American College of Cardiology. Anaheim, Ca., 2000). A Rapid Bedside Test for Brain Natriuretic Peptide Accurately Predicts Therapeutic Response & Clinical Outcomes in Patients Admitted with Decompensated Heart Failure. *J of the Am College of Cardiology*. 2000; 35 (2 Suppl. A171A).

2. Maisel, A.; **Cheng, V.**; Krishnaswamy, P.; Kazanegra, R.; Garcia, A.; Gardetto, N. (N. European Society of Cardiology. Amsterdam, 2000). A Rapid Bedside Test for B-type Natriuretic Peptide Predicts Treatment Outcomes in Patients Admitted with Decompensated Heart Failure. *European Heart Journal*. 2000; 21(Abtract Supplement): 585.
3. **Cheng, V.**; Krishnaswamy, P.; Kazanegra, R.; Garcia, A.; Gardetto, N. (Heart Failure. Venice, 2000. A Rapid Bedside Test for BNP Predicts Treatment Outcomes in Patients Admitted with Decompensated Heart Failure. *European Journal of Heart Failure*. 2000; 2: Suppl 2. P31/9913.
4. Maisel, A.; **Cheng, V.**; Krishnaswamy, P.; Kazanegra, R.; Garcia, A.; Gardetto, N. (Circulation, New Orleans, LA, 2000). A Rapid Bedside Test for B-type Natriuretic Peptide Predicts Treatment Outcomes in Patients Admitted with Decompensated Heart Failure. *Circulation*. 2000; 102 (18 Suppl): II.531-II.532.
5. Maisel, A.; **Cheng, V.**; Krishnaswamy, P.; Kazanegra, R.; Garcia, A.; Gardetto, A. A Rapid Bedside Test for BNP Predicts Treatment Outcomes in Patients Admitted with Decompensated Heart Failure. *American Heart Association*, 2000: #250045.
6. **Cheng, V.**; Krishnaswamy, P.; Kazanegra, R.; Garcia, A.; Gardetto, N. (Heart Failure Society of America). A Rapid Bedside Test for B-type Natriuretic Peptide Predicts Treatment Outcomes in Patients Admitted with Decompensated Heart Failure. *Journal of Cardiac Failure*. 2000; 6, No 3, Suppl 2/ 077.
7. Presentation "Brain Natriuretic Peptide" 28th Annual Western Student Medical Research Forum. Carmel, California 2000.
8. Cheng V, Kazanagra R, Garcia A, Lenert L, Krishnaswamy P, Gardetto N, Clopton P, Maisel A. A rapid bedside test for B-type peptide predicts treatment outcomes in patients admitted for decompensated heart failure: a pilot study. *J. Am Coll Cardiol*. 2001;37:386-91
9. Kazanegra R, Cheng V, Garcia A, Krishnaswamy P, Gardetto N, Clopton P, Maisel A. A rapid test for B-type natriuretic peptide correlates with falling wedge pressures in patients treated for decompensated heart failure: a pilot study. *J. Card Fail*. 2001;7:21-9.
10. Presentation "Sclerosant Foam Treatment of Recurrent Varicose Veins" Western Vascular Surgical Society. La Jolla, California. October 2006.
11. UCLA Postgraduate Comprehensive Review Course. Los Angeles, California 2006. Invited Speaker
12. XX Annual International Endovascular Congress. Scottsdale, Arizona 2007. Invited Speaker

13. Scripps Mercy Grand Rounds. San Diego, California 2007. Invited Speaker