

Chang Y. Chung

Curriculum Vitæ

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Education

- 1999–2002 **M.S.E. Systems Engineering**, *University of Pennsylvania*, Philadelphia, PA.
1989–1999 **Ph.D. Sociology**, *University of South Carolina*, Columbia, SC.
1985–1989 **B.A. Sociology**, *Seoul National University*, Seoul, Korea.

Experience

- 2004–2013 **Statistical Programmer and Data Archivist**, *Office of Population Research, Princeton University*, Princeton, NJ.
1999–2004 **Statistical Programmer**, *Office of Population research, Princeton University*, Princeton, NJ.

Publications

- 2013 Buttenheim, Alison M. et al. “The Shape of Things to Come? Obesity Prevalence Among Foreign-born vs. US-born Mexican Youth in California”. In: *Social Science & Medicine* 78.C, pp. 1–8.
- 2012 Creighton, Mathew J. et al. “Durational and Generational Differences in Mexican Immigrant Obesity: Is Acculturation the Explanation?” In: *Social Science & Medicine* 75.2, pp. 300–310.
- Golann, Joanne W. et al. “The Education of the Hispanic Population”. In: ed. by Richard Verdugo and Billie Gastic. Vol. 2. Charlotte, NC: Information Age Publishing, Inc. Chap. Does the “Mismatch Hypothesis” Apply to Hispanic Students at Selective Colleges?
- Palmer, John R. B. et al. “New Approaches to Human Mobility: Using Mobile Phones for Demographic Research”. In: *Demography* 50, pp. 1105–1128.
- 2011 Chung, Chang Y. and John King. “What Were We Talking About at Those SAS Conferences, or Let’s Make Some Tag Clouds”. In: *Proceedings of SAS Global Forum 2011 (SGF 2011)*. Las Vegas, NV.
- Espenshade, Thomas J. and Chang Y. Chung. “SAT Wars, The Case for Test-Optional Admissions”. In: ed. by Joseph A. Soares. New York, NY: Teachers College Press. Chap. Diversity Outcomes of Test-Optional Policies, pp. 177–200.

- 2010 Bутtenheim, Alison M. et al. “Do Mexican Immigrants “import” Social Gradients in Health to the US?” In: *Social Science & Medicine* 71, pp. 1268–1276.
- 2009 Chung, Chang Y. and John King. “Is This Macro Parameter Blank?” In: *Proceedings of SAS Global Forum 2009 (SGF 2009)*. Washington, D.C.
- 2006 Chung, Chang Y. and Ian Whitlock. “%IFN – A Macro Function”. In: *Proceedings of the SAS Users Group International (SUGI) 31st Annual Conference*. San Francisco, CA.
- 2005 Chung, Chang Y. and Toby Dunn. “Page X of Y with Proc Report”. In: *Proceedings of the Pharmaceutical Industry SAS Users Group (PharmaSUG 205) Conference*. Phoenix, AZ.
- Chung, Chang Y. and Ya Huang. “%cyArrow, A New Annotate Macro”. In: *Proceedings of SAS Users Group International (SUGI) 30th Annual Conference*. Philadelphia, PA.
- Chung, Chang Y. and Lei Zhang. “Calculating Changes and Differences Using PROC SQL – With Clinical Data Examples”. In: *Proceedings of the Eighteenth Annual Northeast SAS Users Group (NESUG 2005) Conference*. Portland, ME.
- Curran, Sara R, Filiz Garip, and Chang Y. Chung. *Advancing Theory and Evidence about Migration and Cumulative Causation: Destination and Gender in Thailand*. Tech. rep. working paper #05-04. Center for Migration and Development.
- Curran, Sara R. et al. “Gendered Migrant Social Capital: Evidence from Thailand”. In: *Social Forces* 84.1, pp. 227–256.
- Dunn, Toby and Chang Y. Chung. “Retaining, Lagging, Leading, and Interleaving Data”. In: *Proceedings of the Pharmaceutical Industry SAS Users Group (PharmaSUG 2005) Conference*. Phoenix, AZ.
- Espenshade, Thomas J. and Chang Y. Chung. “The Opportunity Cost of Admission Preferences at Elite Universities”. In: *Social Science Quarterly* 86.2, pp. 293–305.
- Espenshade, Thomas J., Lauren E. Hale, and Chang Y. Chung. “The Frog Pond Revisited: High School Academic Context, Class Rank, and Elite College Admission”. In: *Sociology of Education* 78.4, pp. 269–293.
- 2004 Chung, Chang Y. “Recursive Subroutine Macros”. In: *Proceedings of Northeast SAS Users Group (NESUG 2004) 17th Annual Conference*. Baltimore, MD.
- Espenshade, Thomas J., Chang Y. Chung, and Joan L. Walling. “Admission Preferences for Minority Students, Athletes, and Legacies at Elite Universities”. In: *Social Science Quarterly* 85.5, pp. 1422–1446.
- 2003 Curran, Sara R. et al. “Research in the Sociology of Education”. In: ed. by David Baker et al. Vol. 14 – Inequality Across Societies: Families, Schools and Persisting Stratification. Emerald Group Publishing Limited. Chap. Educational Opportunities for Boys and Girls in Thailand, pp. 59–102.

- 2001 Espenshade, Thomas J., Margaret L. Usdansky, and Chang Y. Chung. “Employment and Earnings of Foreign-born Scientists and Engineers”. In: *Population Research and Policy Review* 20, pp. 81–105.

Computer skills

- Languages Stata, SAS, R, SPSS, Matlab/Octave, C#, Python, JavaScript, SQL, PHP, HTML5, CSS, VBA, XSLT, F#, Java
- Databases Access, SQL-Server, SQLite, MySQL, MongoDB
- Platforms Windows, Mac OS X, IIS, Apache, Drupal, Android
- Tools bash, git, Visual Studio, vim, L^AT_EX, jQuery, JSON, Office suite, Gimp

Certifications and Training

- 2013 Completed *Coding the Matrix: Linear Algebra through Computer Science Applications* (Philip Klein) Brown University and Coursera
- 2013 Completed *Algorithms: Design and Analysis, Part 1* (Tim Roughgarden) Stanford University and Coursera
- 2013 Completed *Introduction to Data Science* (Bill Howe) University of Washington and Coursera
- 2013 Completed *Machine Learning* (Andrew Ng) Stanford University and Coursera
- 2012 Attended *Progressive F# Tutorials NYC* (Skills Matter) New York, NY
- 2011 Microsoft Certified Technology Specialist. SQL Server 2008, Database Development
- 2007 SAS Certified Advanced Programmer for SAS 9
- 2003 SAS Certified Advanced Programmer V8
- 2002 SAS Certified Professional V8
- 2001 SAS Certified Professional V6, Advanced (Data Management)
- 1999 SAS Certified Professional V6

Award

- 2009 Best Contributed Paper in the Applications Development Section of the SAS Global Forum 2009 Conference. Washington, DC
- 2005 Best Paper Award in Tutorials Section of the Pharmaceutical Industry SAS Users Group (PharmaSUG) 2005. Conference. Phoenix. AZ
- 2003 SAS-L Online Discussion Group Rookie of the Year (SAS-LROY) Award

Service

- 2004-2012 Member, Executive Committee of New Jersey SAS User’s Group (NJSUG) and Webmaster of its website