

Jolynn Pek

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Education

- Ph.D., Quantitative Psychology** in progress
University of North Carolina, Chapel Hill
Advisor: Dr. Robert C. MacCallum
- M.S., Biostatistics** in progress
University of North Carolina, Chapel Hill
Advisor: Dr. Lloyd Edwards
Thesis: Case Influence in Structural Equation Models.
- M.Soc.Sc., Applied Psychology** April 2006
National University of Singapore, Singapore
Advisor: Dr. George D. Bishop
Thesis: Gender in Context: A study on Ambulatory Cardiovascular Responses.
- B.Soc.Sc., Psychology** with honors September 2002
National University of Singapore, Singapore
Advisor: Dr. Weining C. Chang
Thesis: Gender salience on sexist attitudes.
- B.A., Psychology & Mathematics** with Merit September 2001
National University of Singapore, Singapore

Publications

- Pek, J.**, Sterba, S., Kok, B., & Bauer, D. J. (2009). Estimating and visualizing nonlinear relations among latent variables: A semiparametric approach. *Multivariate Behavioral Research*, 44, 407-436.
- Fredrickson, B. L., Cohn, M. A., Coffey, K., **Pek, J.**, & Finkel, S. M. (2008). Positive emotions induced through meditation build consequential personal resources *Journal of Personality and Social Psychology*, 95,1045-1062.
- Bishop, G. D., Ngau, F., & **Pek, J.** (2008). Domain specific assessment of anger expression and ambulatory blood pressure. *Personality and Individual Differences*, 44, 1726-1737.
- Richman, L. S., Bennett, G. **Pek, J.**, Siegler, I., & Williams, R. B. Jr. (2007). Discrimination, dispositions and cardiovascular responses to stress. *Health Psychology*, 26, 675-683.
- Eastwick, P. W., Eagly, A. H., Glick, P., Johannesen-Schmidt, M., Fiske, S. T., Blum, A., Eckes, T., Freiburger, P., Huang, L. L., Lameiras, M., Manganelli, A. M., **Pek, J. C. X.**, Castro, Y. R., Sakalli-Ugurlu, N., Six-Materna, I., & Volpato, C. (2006). Is traditional gender ideology associated with sex-typed mate preferences? A test in nine nations. *Sex Roles*, 54 (9/10),603-614.

Bishop, G. D., **Pek, J.**, & Ngau, F. (2006). Blunted cardiovascular responses to daytime activities as related to reduced nocturnal blood pressure decline. *Annals of Behavioral Medicine, 31*(3), 248-253.

Bishop, G. D., **Pek, J.**, & Ngau, F. (2005). Ethnicity, sex, trait anger and nocturnal blood pressure. *Psychophysiology, 42*(3), 290-297.

Glick, P., Lameiras, M., Fiske, S. T., Eckes, T., Masser, B., Volpato, C. Manganelli, A. M., **Pek, J. C. X.**, Huang, L-L., Sakalli-Ugurlu, N., Castro, Y. R., D'Avila Pereira, M. L., Willemsen, T. M., Brunner, A., Six-Materna, I. & Wells, R. (2004). Bad but Bold: Ambivalent Attitudes Toward Men Predict Gender Inequality in 16 Nations. *Journal of Personality and Social Psychology, 86*(5), 713-728.

Pek, J. C. X., & Leong F. T. L. (2003). Sex-related self-concepts, cognitive styles and cultural values of traditionality-modernity as predictors of general and domain-specific sexism. *Asian Journal of Social Psychology, 6*, 31-49.

Manuscripts

Richman, L. S., **Pek, J.**, Pascoe, E., & Bauer, D. J. (in review). *The effects of perceived discrimination on ambulatory blood pressure and affective responses to interpersonal stress modeled over 24-hours.*

Pek, J., & MacCallum, R. C. (in review). *Case influence in structural equation models.*

Richman, L. S., **Pek, J.**, Siegler, I. C., & Williams, Jr. R. B. (in review). *Perceived discrimination and depression: An examination of underlying variables.*

Pek, J., & Bishop, G. D. (2005) *Gender in context and ambulatory cardiovascular responses.* Unpublished manuscript.

Pek, J., & Chang, W. C. (2005). *Gender traits in Singapore.* Unpublished manuscript.

Poster Presentations

Bauer, D. J., Mathiowetz, R. E., Gottfredson, N. C., **Pek, J.** & Losardo, D. (July, 2009). Semiparametric modeling of nonlinear relationships among latent variables via mixtures of linear structural equations. Paper to be presented at the Psychometrics Society meeting in Cambridge, England.

Williams, R. B., **Pek, J.**, Richman, L. S., & Siegler, I. C. (May, 2008). *The impact of perceived discrimination on depressive symptoms is moderated by social support and race.* Association for Psychological Science. Chicago, Illinois.

Kaufman, E. A., Richman, L. S., **Pek, J.**, & Genderson, A. (February, 2008). *The effects of past discrimination on everyday physiological and emotional responses to social interaction.* Society for Personality and Social Psychology. Albuquerque, New Mexico.

Study Abroad

8/2004 – 6/2005

Exchange Scholar. Duke University, Behavioral Medicine Research Center.

Awards

- 8/2006 – 8/2007 **University Merit Fellowship**, University of North Carolina, Chapel Hill.
Awarded based on strong academic achievements and showing the most promise for success in graduate education.
- 7/2002 – 7/2004 **Research Scholar**, National University of Singapore.

Computing

- Scientific Gauss
- Statistical CEFA LISREL HLM Mplus Mx MULTILOG R RAMONA SAS SPSS
- Internet HTML CSS

Research & Consulting

- 8/2007 – 5/2008 **Research Assistant**. University of North Carolina, Chapel Hill.
Fit multilevel models, generated graphics and tables for textbook on multilevel modeling. PIs: Dr. Patrick J. Curran & Dr. Daniel J. Bauer, Department of Psychology.
- 6/2007 – 9/2009 **Consultant**. Duke University.
Discrimination and short and long-term risks for depression. NIMH K01 MH074942-01. PI: Dr. Laura S. Richman, Department of Psychology and Neuroscience.
- 6/2005 – 7/2006 **Senior Research Aide**. Duke University, Center for Child and Family Policy
Provided assistance in cleaning, managing and analyzing data by writing SAS programs. Helped in setting up an optical scanning unit for the center. Wrote technical reports on some Fast Track Project measures. Implemented an optical scanning unit with Teleforms. Supervisor: Dr. Rick H. Hoyle.
- 7/2002 – 8/2005 **Research Assistant**. National University of Singapore.
Collected, maintained and statistically evaluated data for an ongoing meta-analysis on cardiovascular reactivity to laboratory stressors. Cleaned data obtained from ecological momentary assessments and ambulatory impedance cardiography. PI: Dr. George D. Bishop, Department of Psychology.

Teaching

- 1/2009 – 4/2010 **Teaching Associate**. University of North Carolina, Chapel Hill.
Latent Curve Analysis. Instructor: Dr. Patrick J. Curran.
- 8/2009 – 12/2009 **Teaching Associate**. University of North Carolina, Chapel Hill.
Multilevel Modeling. Instructor: Dr. Daniel J. Bauer.
- 1/2009 – 4/2009 **Grading Assistant**. University of North Carolina, Chapel Hill.
Principles in Experimental Analysis. Instructor: Dr. Young K. Truong
- 8/2008 – 4/2009 **Teaching Associate**. University of North Carolina, Chapel Hill.
Factor Analysis and Structural Equation Models with Latent Variables. Instructor: Dr. Abigail T. Panter

Summer 2008 **Teaching Assistant**, Inter-University Consortium for Political and Social Research.
Summer workshop on latent trajectory/growth curve analysis: A structural equation modeling approach. Instructor: Dr. Kenneth A. Bollen

1/2003 – 4/2004 **Teaching Assistant**, National University of Singapore.
Research and Statistical Methods I, Social Psychology and Psychology in the Asian Context.

Service & Affiliations

Service **President**, Quantitative student organization (2008 – present)
Secretary, Quantitative student organization (2007 – 2008)
Student Coordinator, Quantitative Psychology Forum (8/2008 – 4/2009)
Student Volunteer, Research Ethics Committee (8/2008 – 8/2009)

Affiliations American Psychological Association