

# SKYLER J. CRANMER

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## ACADEMIC POSITIONS:

- 2008 - Present    **University of North Carolina, Chapel Hill**  
Assistant Professor  
Department of Political Science
- 2007 - 2008      **Harvard University**  
Post-Doctoral Fellow  
Department of Government  
Institute for Quantitative Social Science
- 2006 - 2007      **Harvard University**  
Visiting Pre-Doctoral Fellow  
Department of Government  
Institute for Quantitative Social Science

## EDUCATION:

- 2007    **University of California, Davis**  
Ph.D., Political Science
- 2007    **University of California, Davis**  
M.A., Political Science
- 2003    **San Francisco State University**  
M.A., International Relations
- 2002    **San Francisco State University**  
B.A., Criminal Justice *Summa Cum Laude* [3.94]

## DISSERTATION:

*Committee:* Jeff Gill (Chair), Randolph Siverson, James Fowler.

*Essays in Political Methodology:* “Multiple Hot Deck Imputation: A Non-Parametric Alternative to Multiple Imputation,” “Beyond Reducing Nonresponse Bias: Modeling Nonresponse in Survey Research,” “Offering the Olive Branch: Elite and Mass Focused Strategies for the Demilitarization of Terrorist and Insurgent Groups.”

## PUBLICATIONS:

- Cranmer, Skyler J. (forthcoming 2008) “Book Review: Hezbollah”  
*Journal of Conflict Studies*
- Cranmer, Skyler J. and Randolph M. Siverson. 2008. “Demography, Democracy, and Disputes: The Search for the Elusive Relationship Between Population Growth and Conflict” *Journal of Politics*. 70(3).
- Koch, Michael T., and Skyler J. Cranmer. 2007. “Do Governments of the Left Attract more Terrorism than Governments of the Right?”  
*Conflict Management and Peace Science*. 24(4).
- Cranmer, Skyler J. 2005. “Hizballah.” In Richard F. Pilch and Raymond A. Zilinskas (Editors), *Encyclopedia of Bioterrorism Defense*. John Wiley and Sons.
- Cranmer, Skyler J. 2005. “Palestine Liberation Organization.” In Richard F. Pilch and Raymond A. Zilinskas (Editors), *Encyclopedia of Bioterrorism Defense*. John Wiley and Sons.

## WORKING PAPERS:

- Kam, Cindy D., Skyler J. Cranmer and James H. Fowler “When It’s Not All About Me: Altruism, Participation, and Political Context” *Revise and Resubmit at the Journal of Politics*
- Hangartner, Dominik and Skyler J. Cranmer. “Bayesian Estimation of Multiple Change-Point Models with Covariates via Reversible Jump Markov Chain Monte Carlo”
- Cranmer, Skyler J. and Jeff Gill. “Multiple Hot Deck Imputation: A Non-Parametric Alternative to Multiple Imputation”
- Hausser, Jean, Mark Rivera, and Skyler Cranmer “Identifying Factors which Lead to Community Development in Complex Networks via Ontological Structure: Cosponsorship Communities in the U.S. Senate”
- Walker, Lee D. and Skyler J. Cranmer “Measuring Regime Preference in Latin America: Exposure to and Acceptance of the Democratic Ideal.”
- Cranmer, Skyler J. and Lee D. Walker “Beyond Reducing Nonresponse Bias: Modeling Item Nonresponse in Survey Research”
- Cranmer, Skyler J. “What to do about Atheoretic Lags.”
- Cranmer, Skyler J. “Offering the Olive Branch: Elite and Mass Based Strategies for the Demilitarization of Terrorist and Insurgent Groups.”

Cranmer, Skyler J. “Terrorist Violence and Inter-Terrorist Competition”

Koch, Michael D. and Skyler J. Cranmer “Voting on Violence: A Bayesian Learning Model of Voter Turnout and Interstate Conflict”

## SOFTWARE:

Cranmer, Skyler J. (2007) “`hot.deck`: An R Package for Multiple Hot Deck Imputation.” (Version 1.0)

Cranmer, Skyler J. (2007) “`alreg`: An R Package for Analyzing Models with Atheoretic Lags.” (Version 1.0)

Cranmer, Skyler J. (2007) “`netglm`: An R Package for GLMs with Social Network Data” (Version 1.0)

Cranmer, Skyler J. (2007) “Generalized Additive Model Functionality from the `mgcv` Package.” In Kosuke Imai, Gary King, and Olivia Lau. *Zelig: Everyone’s Statistical Software*.

Cranmer, Skyler J. (2007) “Social Network Regression Functionality from the `netglm` Package.” In Kosuke Imai, Gary King, and Olivia Lau. *Zelig: Everyone’s Statistical Software*.

Cranmer, Skyler J. (2007) “Social Network Analysis Functionality from the `sna` Package.” In Kosuke Imai, Gary King, and Olivia Lau. *Zelig: Everyone’s Statistical Software*.

## INVITED TALKS:

“Nonparametric Imputation for the Social Sciences.” Invited talk given at the Unib Institute for Political Science ( $u^b$ ), University of Bern (Fall 2007).

“Nonparametric Analysis for the Social Sciences.” Invited talk given at the Center for Applied Statistics, Washington University (Fall 2007).

“Hot Deck Imputation for Discrete Data.” Invited talk given at the Research Workshop in Applied Statistics in the Institute for Quantitative Social Science, Harvard University (Spring 2007).

## CONFERENCE PARTICIPATION:

Hangartner, Dominik and Skyler J. Cranmer. “Bayesian Estimation of Multiple Change-Point Models with Covariates via Reversible Jump Markov Chain Monte Carlo.” Paper presented at the 2008 Annual Meeting of the American Political Science Association in Boston, Massachusetts.

- Cranmer, Skyler J. and Lee Walker “Beyond Reducing Nonresponse Bias: Modeling Nonresponse in Survey Research” Poster Presented at the 2007 Annual Meeting of the Society for Political Methodology in State College, Pennsylvania.
- Cranmer, Skyler J. “Multiple Imputation for Discrete Data.” Poster presented at the 2006 Annual Meeting of the Society for Political Methodology in Davis, California.
- Cranmer, Skyler J. “Elite and Mass Based Strategies for the Demilitarization of Terrorist and Insurgent Groups.” Paper read for the 2006 Annual Meeting of the Midwest Political Science Association in Chicago, Illinois.
- Cranmer, Skyler J. “Terrorist Violence and Inter-Terrorist Competition.” Paper read for the 2006 Annual Meeting of the International Studies Association in San Diego, California.
- Cranmer, Skyler J. “Offering the Olive Branch: Friendly and Hostile Strategies for the Demilitarization of Terrorist and Insurgent Groups.” Paper read at the 2006 Annual Meeting of the Southern Political Science Association in Atlanta, Georgia.
- Cranmer, Skyler J. “Stopping the Other Shoe: Terrorism, Counter-Terrorism, and the Road to Homeland Security.” Paper read at the 2005 Annual Meeting of the Midwest Political Science Association in Chicago, Illinois.
- Cranmer, Skyler J. “A Mighty Little Belligerent: Why Weak States Provoke Militarized Disputes with Powerful States.” Paper read at the 2005 Annual Meeting of the Western Political Science Association in Oakland, California.
- Koch, Michael T., and Skyler J. Cranmer. 2004. “Testing Dick Cheney: Do Governments of the Left Attract more Terrorism than Governments of the Right?” Paper read at the Peace Science Society Annual Meeting, November 12-14, 2004, at Rice University, Houston, Texas.
- Cranmer, Skyler J. “Thinking Strategically About Biological Weapons: Offense, Defense, Deterrence, and Power Balance.” Paper read at the 2004 Annual Meeting of the International Studies Association in Montreal, Canada.

## GRANTS, SCHOLARSHIPS AND AWARDS:

UC Davis: Dissertation Research Award	[Fall 2006]
SWOTT Travel Award	[Summer 2006]
UC Davis: Departmental Travel Award [MPSA Chicago]	[Winter 2005]
UC Davis: Departmental Travel Award [ISA San Diego]	[Winter 2005]
UC Davis: Departmental Faculty Collaboration Grant	[Summer 2005]
ICPSR: Study Grant	[Summer 2005]
UC Davis: IGA Travel Award [ICPSR, Ann Arbor]	[Summer 2005]
UC Davis: Departmental ICPSR Award	[Summer 2005]
UC Davis: Departmental Travel Award [MPSA Chicago]	[Winter 2004]
IGCC: Biological Threats Research Fellow	[Summer 2004]
UC Davis: Departmental Research Grant	[Summer 2004]
UC Davis: Departmental Travel Award [ISA Montreal]	[Winter 2003]
UC Davis: First Year Departmental Fellowship	[Fall 2003]
SFSU: Distinguished Achievement Award for Masters Study	[Spring 2003]
SFSU: Distinguished Achievement Award for Undergraduate Study	[Spring 2003]

## TEACHING AND RESEARCH EXPERIENCE:

Research Assistant to Prof. Gary King [Harvard University]	[2006 - 2007]
Statistical Computing [TF for Jeff Gil] [Harvard University]	[Spring 2007]
Quantitative Reasoning [TF for Lisa Martin] [Harvard University]	[Spring 2007]
Bayesian Hierarchical Modeling [TF for Jeff Gill] [Harvard University]	[Fall 2006]
Scientific Study of War [TA for Randolph Siverson]	[Summer 2006]
Scientific Study of Politics [TA for Jeff Gill]	[Spring 2006]
Theories of International Relations [TA for Miroslav Nincic]	[Winter 2006]
Strategy of Politics [TA for James Fowler]	[Fall 2005]
Research Assistant to Prof. James Fowler	[Fall 2005]
The Scientific Study of War [TA for Patricia Sullivan]	[Spring 2005]
Western European Foreign Policy [TA for Michael Koch]	[Winter 2005]
Democratic Theory [TA for James Fowler]	[Fall 2004]
Research Assistant to Prof. James Fowler	[Fall 2004]
Introduction to International Relations [TA for Ian Downs]	[Spring 2004]
Introduction to International Relations [TA for Scott Gartner]	[Winter 2004]

## PROFESSIONAL SERVICE:

Reviewer for the Journal of Statistical Software  
Reviewer for the Journal of Politics

Lead Graduate Assistant for the 2006 Annual Meeting of the Society for Political Methodology in Davis, California.