Curriculum Vitae
Chulmin Kim

Department of Mathematics

1601 Maple St.

University of West Georgia

Carrollton, GA 30118, USA

Phone: (678) 839-4142

Fax: (678) 839-6490

Email: ckim@westga.edu

Home: www.westga.edu/math

Education

- Ph.D. (Statistics), University of Iowa, Iowa City, IA
- M.S. (Statistics), Wichita State University, Wichita, KS
- B.S. (Mathematics), Kyunghee University, Korea (minor: Business)

Professional Experiences

- **Assistant Professor**: Department of Mathematics, University of West Georgia (2013-Current)
- **Assistant Professor**: School of Mathematical Sciences, Rochester Institute of Technology (2007-13)
- **Visiting Assistant Professor**: Department of Statistics, University of Florida (2006-07)
- **Visiting Assistant Professor**: Division of Science and Math., University of Minnesota-Morris (2005-06)
- **Teaching Assistant**: Department of Statistics, University of Iowa (2000-05)
- **Graduate Fellow**: Graduate College, University of Iowa (2004)
- **Scholar/Trainee**: Department of Statistics, University of Iowa (2003)
- **Research Assistant**: Department of Otolaryngology, University of Iowa (1999)
- **Research Assistant**: Department of Biostatistics, University of Iowa (1998)
- **Teaching Assistant**: Department of Preventive Medicine, University of Kansas (1997-98)
- **Graduate Fellow**: Department of Mathematics, Wichita State University (1997-98)
- **Teaching Assistant**: Department of Mathematics, Wichita State University (1995-98)

Grants, Academic Recognition, and Scholarships

- Faculty Research Grant: College of Science and Mathematics, University of West Georgia (2014-15)
- Nominee for RIT Eisenhart Award for Outstanding Teaching, RIT (2011)
- The certificate of recognition for commitment to equal access, and for demonstrating awareness and sensitivity in the course of serving RIT students with disabilities: Disability Services, Rochester Institute of Technology (2009)
- Faculty Development Proposals Grant: College of Science, RIT (2009)
- Tuition Scholarship: University of Iowa (1998-2000, 2003-05)
- Graduate Fellowship: Graduate School, University of Iowa (2004)
- Fellowship: Department of Statistics, University of Iowa (2003)
- Hoare Arthur J. Scholarship: Wichita State University (1995-96)
- Phi Kappa Phi National Honor Society Membership (1996-Present)

Services

- **Statistics Search Committee**, Department of Mathematics, University of West Georgia (2014-Current)
- **Undergraduate Curriculum Committee**, Department of Mathematics, University of West Georgia (2014-Current)
- **Scholarship Committee**, Department of Mathematics, University of West Georgia (2013-Current)
- **Statistics Committee**, School of Mathematical Sciences, Rochester Institute of Technology (2009-13)
- **Safety Committee**, College of Science, Rochester Institute of Technology (2009-12)
- **Statistics Program Assessment Task Force**, School of Mathematical Sciences, Rochester Institute of Technology (2007-09)
- **Statistics Advisory Council**, School of Mathematical Sciences, Rochester Institute of Technology (2007-09)

Professional Affiliations

- American Statistical Association (ASA)
- International Biometric Society Eastern North American Region (ENAR)
- Mathematical Association of America (MAA)

Areas of Specialization

- Multivariate Analysis, Longitudinal Data Analysis, Sports Statistics, Psychological Statistics, Biostatistics

Publications

- **Chulmin Kim** An Unconstrained Model for Covariance Structure for Major League Baseball Batter's Salary with the Weighted Offensive Average (*In progress*)

- Louise Sundararajan and **Chulmin Kim** Meta-analysis of 15 studies that used SSWC to determine the validity of this language analysis program (*In progress*)

- Louise Sundararajan and **Chulmin Kim** (2014) Spiritual Suffering from Medieval German Mysticism to Mother Teresa: A Psycholinguistic Analysis (*Volume 42, Issue 2, pp 172-198, The Humanistic Psychologist*)

- **Chulmin Kim** (2013) A Modification of OPS: Widely used to measure a Baseball Batter's Performance (*pp 3387-3394, Proceedings of JSM 2012: American Statistical Association*)

- **Chulmin Kim** and Dale Zimmerman (2012) Unconstrained Models for the Covariance Structure of Multivariate Longitudinal Data (*Volume 107, pp 104-118, The Journal of Multivariate Analysis*)

- Louise Sundararajan and **Chulmin Kim** (2011) Beyond I-you-me: An empirically supported formulation of the triadic self (*Volume 42, Number 2-3, pp 220-231, The American Sociologist*)

- Louise Sundararajan and **Chulmin Kim** (2010) Language, Emotion, and Health: A Semiotic Perspective on the Writing Cure (*pp 65-97, Chapter 3, Semiotics: Theory and Applications*, New York: *Nova Science*)

- **Chulmin Kim** (2010) Maximum Likelihood Estimation of Unconstrained Parameterization for the Covariance Structure of Multivariate Longitudinal (*pp 2994-3008, Proceedings of JSM 2009: American Statistical Association*)

Presentations

- Louise Sundararajan and **Chulmin Kim**, **2015 Annual Convention for Association for Psychological Science** [New York City, NY] May 21, 2015 Title: *"Rumination and Expressive Writing: Does this odd Couple Impede or Improve Emotional Recovery following Marital Separation?"*

- **Chulmin Kim**, **2015 Annual Meeting of the International Biometric Society** [Hyatt, Miami, FL] March 16, 2015 Title: *An Example of Unconstrained Model for Covariance Structure forMultivariate Longitudinal Data: Major League Baseball Batter's Salary with the Weighted Offensive Average*

- **Chulmin Kim**, **2014 Annual Meeting of the International Biometric Society** [Marriott, Baltimore, MD] March 19, 2014 Title: *Properties and Applications of Multivariate Antedependence Models*

- **Chulmin Kim**, **2014 Annual Meeting of the International Biometric Society** [Marriott, Baltimore, MD] March 17, 2014 (Chaired) Title: *STATISTICAL METHODS FOR LONGITUDINAL DATA*

- **Chulmin Kim**, **2013 New England Symposium on Statistics in Sports** [Harvard University, MA] September 21, 2013 Title: *An Unconstrained Model for Covariance Structure for Major League Baseball Batter's Salary with Weighted Offensive Average*

- **Chulmin Kim, 2013 Joint Statistical Meetings by American Statistical Association** [Palais congres de Montreal, Montreal, Canada] August 3, 2013 Title: *Antedependence Models for Major League Baseball Batter's Salary to use Weighted Offensive Average*

- Louise Sundararajan and **Chulmin Kim**, **2013 Annual Convention for Association for Psychological Science** [Marriott, Washington, DC] May 23, 2013 Title: *Adaptive Immersion and Distancing in Verbal Expressions of Emotion increase with Age*

- **Chulmin Kim, 2013 Spring Seaway Sectional Meeting of Mathematical Association of America** [SUNY, Fredonia, NY] April 20, 2013 Title: *Antedependence Models for Major League Baseball Batter's Salary to use Weighted Offensive Average*

- **Chulmin Kim, 2013 Upstate New York Chapter of the American Statistical Association** [Rochester Institute of Technology, NY] April 6, 2013 Title: *A lecture on Sports Statistics to use examples in Baseball, Speed Skating, and College Football*

- **Chulmin Kim**, **2012 Fall Seaway Sectional Meeting of Mathematical Association of America** [Elmira College, NY] October 20, 2012 Title: *Properties and Applications of Multivariate Antedependence Models*

- **Chulmin Kim**, **2012 Joint Statistical Meetings by American Statistical Association** [San Diego Convention, San Diego, CA] July 30, 2012 Title: *A note on Multivariate Antedependence Models*

- **Chulmin Kim**, **2012 Joint Statistical Meetings by American Statistical Association** [San Diego Convention, San Diego, CA] July 30, 2012 Title: *A modification of OPS: Widely used to measure a baseball batter's performance*

- Louise Sundararajan and **Chulmin Kim**, **2012 Annual Convention for Association for Psychological Science** [Sheraton, Chicago, IL] May 24, 2012 Title: *Mother Teresa's Spiritual struggle and Doubt: A Psycholinguistic Analysis*

- **Chulmin Kim**, **2012 Spring Seaway Sectional Meeting of Mathematical Association of America** [Hamilton College, NY] April 14, 2012 Title: *Which works better to predict the 2012 NCAA bracket? RPI or BPI? or Sagarin's?*

- **Chulmin Kim**, **2011 Fall Seaway Sectional Meeting of Mathematical Association of America** [St. Bonaventure University, NY] October 15, 2011 Title: *Are current weights 1/3, 1/3, and 1/3 the best to produce an overall BCS rating in the College Football?*

- **Chulmin Kim**, **2011 New England Symposium on Statistics in Sports** [Harvard University, MA] September 24, 2011 Title: *A brief statistical analysis of line-up in the Major league baseball*

- Louise Sundararajan and **Chulmin Kim**, **2011 Annual Convention by American Psychological Association** [Washington Convention, Washington, DC] August 7, 2011 Title: *Are There Contraindications for Expressive Writing?*

- **Chulmin Kim**, **2011 Joint Statistical Meetings by American Statistical Association** [Miami Convention, Miami Beach, FL] July 31, 2011 Title: *An Alternative Expression of the Covariance Structure of Multivariate Longitudinal Data*

- **Chulmin Kim**, **2011 Spring Seaway Sectional Meeting of Mathematical Association of America** [Nazareth College, NY] April 2, 2011 Title: *A Brief Statistical Analysis of Line-up in the Major League*

- **Chulmin Kim**, **2011 Annual Meeting of the International Biometric Society** [Hyatt, Miami, FL] March 21, 2011 Title: *Models for the Covariance Structure of Multivariate Longitudinal Data: Unconstrained Parameterization*

- **Chulmin Kim**, **2010 Fall Seaway Sectional Meeting of Mathematical Association of America** [SUNY, Plattsburg, NY] October 16, 2010 Title: *A salary model on baseball batters' performance using K, a modification of OPS*

- Louise Sundararajan and **Chulmin Kim**, **2010 Annual Convention by American Psychological Association** [San Diego Convention, CA] August 12, 2010 Title: *Spirituality and Negative Affect: When Soul's Dark Night Is Illuminating*

- **Chulmin Kim**, **2010 Spring Seaway Sectional Meeting of Mathematical Association of America** [SUNY, Oswego, NY] April 24, 2010 Title: *A brief statistical analysis of speed change in long-distance race*

- **Chulmin Kim**, **2009 Fall Seaway Sectional Meeting of Mathematical Association of America** [SUNY, Fredonia, NY] October 24, 2009 Title: *An alternative expression of the covariance and its inverse of the Antedependence Models*

- **Chulmin Kim**, **2009 New England Symposium on Statistics in Sports** [Harvard University, MA] September 26, 2009 Title: *A Modification of OPS: Widely Used to Measure a Baseball Batter's Performance*

- Louise Sundararajan and **Chulmin Kim**, **2009 Interdisciplinary conference on Psychology** [Toronto University, Canada] August 8, 2009 Title: *Agency, Passivity and Suffering in Christian Spirituality: A Psycholinguistic Study*

- **Chulmin Kim**, **2009 Joint Statistical Meetings by American Statistical Association** [Washington, DC] August 3, 2009 Title: *The MLE of Unconstrained Parameterization for the Covariance Structure of Multivariate Longitudinal*

- **Chulmin Kim**, **2009 Spring Seaway Sectional Meeting of Mathematical Association of America** [Rochester Institute of Technology, NY] April 4, 2009 Title: *A note on Some Structured Antedependence Models for Longitudinal Data*

- **Chulmin Kim**, **2008 Fall Seaway Sectional Meeting of Mathematical Association of America** [Siena College, NY] October 18, 2008 Title: *A Modification of OPS: Widely Used to Measure a Baseball Batter's Performance*

- **Chulmin Kim**, **2007 Fall RIT School of Mathematical Sciences Colloquia** [Rochester Institute of Technology, NY] March 30, 2007 Title: *Unconstrained Models for the Covariance Structure of Multivariate Longitudinal Data*

- **Chulmin Kim**, **2006 Fall University of Florida Statistics Seminar** [University of Florida, Gainesville, FL] September 7, 2006 Title: *Unconstrained Models for the Covariance Structure of Multivariate Longitudinal Data*

- **Chulmin Kim**, **2006 Joint Statistical Meetings by American Statistical Association** [Seattle Convention, Seattle, WA] August 9, 2006 Title: *Unconstrained Models for the Covariance Structure of Multivariate Longitudinal Data*

- **Chulmin Kim**, **Invited Colloquia for National Institute for Mathematical Sciences of Korea** [National Institute for Mathematical Sciences of Korea] July 12, 2006 Title: *Unconstrained Models for the Covariance Structure of Multivariate Longitudinal Data*

- **Chulmin Kim**, **A short course lecture of Probability for Sejong University** [Sejong University, Korea] July 10, 2006 Title: *Introduction to Statistics and Probability*

- **Chulmin Kim**, **Invited Colloquia for Kyunghee University** [Kyunghee University, Korea] July 7, 2006 Title: *How to teach Statistics effectively as high school teacher using a variety of interesting examples for their classes*

- **Chulmin Kim**, **University of Minnesota-Morris Statistics Colloquia** [University of Minnesota, Morris, MN] May 6, 2005 Title: *Unconstrained Models for the Covariance Structure of Multivariate Longitudinal*

- **Chulmin Kim**, **University of Iowa Statistics Colloquia** [University of Iowa, Iowa City, IA] April 19, 2005 Title: *Unconstrained Models for the Covariance Structure of Multivariate Longitudinal Data*

References

- Dr. Dale Zimmerman, Dept. of Statistics, University of Iowa
  (319-335-0818, dale-zimmerman@uiowa.edu)
- Dr. Ralph P. Russo, Dept. of Statistics, University of Iowa
  (319-335-0817, rp-russo@uiowa.edu)
- Dr. Douglas Meadow, School of Mathematical Sciences, RIT
  (585-475-5129, dsmsma@rit.edu)
- Dr. Xiamoi Hu, Dept. of Math. & Stat., Wichita State University
  (316-978-3943, xiaomi.hu@wichita.edu)
- Dr. Bruce Landman, Dept. of Math., University of West Georgia
  (678-839-6489, landman@westga.edu)