

## CV Sample Only – Modified to fit.

### Your Name

Department of Mathematics and Statistics  
Utah State University, Logan, UT-84322-3900  
Cell phone: (435) 757-0000  
E-mail: [unknown@gmail.com](mailto:unknown@gmail.com)  
Web: <http://usu.edu/>

### EDUCATION

PhD, Statistics May 20xx  
Utah State University, Logan, Utah, USA GPA 3.93  
Thesis: "Testing and Estimation for Functional Data with Applications to Magnetometer Data" Adviser: Dr. P. Jones.

M.S., Statistics May 20xx  
Utah State University, Logan, Utah, USA. GPA 3.88  
Thesis: "Wavelet Analysis of Magnetometer Data" Adviser: Dr. P. Jones.

B.S., Statistics. Cum laude diploma. Madrid University, Madrid, Spain. May 20xx  
Thesis: "Asymptotic Properties of H-diffusion Parameter Estimates" Adviser: GPA 3.90  
habil. Dr. B. Lionis.

### RESEARCH INTERESTS

Time series analysis Wavelet methods  
Resampling methods Functional data analysis

### RESEARCH EXPERIENCE

**Graduate Student / Research Assistant**, Department of Mathematics and Statistics, Utah State University 20xx-present  
Logan, UT  
Analyzed the properties of the multivariate canonical correlations and extended them to the functional context.  
Constructed the improved index of the storm activity using wavelet filtering and functional data analysis techniques. Collaboration with Professors J. Solar, and L. Zen, Physics department, Utah State University.  
Developed the test of independence for the functional linear model and used it to explore the effects of magnetospheric substorms.  
Analyzed the properties of the distribution of the wavelet coefficients of magnetometer records. Collaboration with Professor J. Smith, and L. Zen, Physics department, Utah State University.

**Professional Practice**, Institute of Mathematics and Informatics 20xx-20xx  
Analyzed H-diffusion processes. Studied the asymptotic properties of H-diffusion process parameter estimates. Madrid, Spain

**Student**, Department of Mathematics and Informatics, Vilnius University 20xx-20xx  
Worked on the improvement of the dynamic mathematical model for "Lialam Strategic Plan 20xx-20xx" contest. Madrid, Spain

## CONSULTING EXPERIENCE

Andres Ticlavilca, Department of Civil Engineering and Utah Water Research Lab, USU,  
*Multivariate Relevance Vector Machine for Multiple Reservoir System Operation*,  
collaboration with Professor MacNamara

## TEACHING EXPERIENCE

### Instructor,

Utah State University, Logan, UT

August 20xx-present

Developed curriculum in all areas including instruction, grading, preparing tests (quizzes, midterms, finals),  
holding office hours, and assigning final grades

- "Statistical Methods" (Stat2000), Spring `0x, Spring `0x
- "Business Statistics" (Stat2300), Summer `0x
- "Introduction to Statistics" (Stat1040), Summer `0x, Fall `0x,  
Spring `0x, Spring `0x, Fall `0x
- "Intermediate Algebra" (Math1010), Fall `0x, Spring `0x.

### Tutor / Grader,

Utah State University, Logan, UT

August 20xx-present

Tutored Introduction to Statistics, Introduction to Social Statistics, Statistical  
Methods, Business Statistics, Trigonometry, Calculus (I, II).

Graded Introduction to Probability (Math 5700) and Calculus II (Math 1200).

## PUBLICATIONS

### Journals

I. Marion, P. Kostas, J. Smith, and L. Zen, *Removal of nonconstant daily variation by means of wavelet and functional data analysis, forthcoming, 20xx*

P. Kostas, I. Marion, J. Smith, L. Zen, *Testing for lack of dependence in the functional linear model, Canadian Journal of Statistics, Vol. 36, No 2, 20xx*

P. Kostas, I. Marion, J. Smith, L. Zen, *Probability tails of wavelet coefficients of magnetometer records, JGR-Space Physics, Vol. 111, No. A6, A06202, 10.1029/2005JA011486, 20xx*

### Technical reports

J. Smith, A. Jack, P. Kostas, I. Marion, L. Zen, Z. Xu, *Statistical wavelet analysis of magnetometer data: probability tails and geomagnetic storm index, forthcoming*

M. June, Ch. Lane, I. Marion, M. Winger, J. Walts, *Analysis of biological interaction networks for drug discovery, CRSC Technical Report (CRSC-TR06-23), 20xx*

### Book chapters

Chapters 5, 7, 8, 9 in *Inference for functional data* by L. Harth and P. Kostas, *in progress*

## PROFESSIONAL AFFILIATIONS

### Memberships

American Statistical Association

American Mathematical Society

American Geophysical Union

Association for Women in Mathematics

Institute of Mathematical Statistics

### Leadership

Organized Graduate student seminar, Summer 20xx

President, Association for Women in Mathematics Student  
Chapter at Utah State University, 20xx – 20xx

Program Chair, Association for Women in Mathematics Student  
Chapter at Utah State University, 20xx-20xx

Graduate Student Senate Representative, 20xx-20xx

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## AWARDS AND HONORS

- USU School of Graduate Studies Dissertation Fellowship, 20xx
- USU Department of Mathematics and Statistics Summer Grant, 20xx
- SOA/CAS/CIA Exam P/1, 20xx
- USU Graduate Student Senate Travel Award, 20xx
- Industrial Mathematics and Statistical Modeling workshop participant, 20xx
- USU Graduate Research Writing Award, Department of Mathematics and Statistics, 20xx
- Dean's List Award for Outstanding Scholastic Achievements, 20xx – 20xx
- Teaching Instructor Certificate, Utah State University, 20xx
- B.S. Diploma cum laude, Madrid University, 20xx
- Winner of Undergraduate Projects Contest (Statistics section). "Asymptotic properties of H-diffusion parameter estimates", Madrid University, 20xx
- The Scholarship for outstanding academic achievements, Madrid University, 19xx – 20xx

## SKILLS

Languages: English (fluent), Russian (fluent), Spanish (fluent), German (basic).  
Computer skills: R\S-plus, SAS, SQL, Maple, Statistica, Pascal, Excel, LaTeX.

## PRESENTATIONS AT PROFESSIONAL MEETINGS

### Presentations

I. Marion, P. Kostas, J. Smith, and L. Zen, "Removal of Nonconstant Daily Variation by Means of Wavelet and Functional Data Analysis", Graduate Student Seminar, Utah State University, 20xx

I. Marion, P. Kostas, J. Smith, and L. Zen, "Improved Functional Wavelet-Based Index of Magnetic Storm Activity", Joint Assembly Meeting, Fort Lauderdale, 20xx

J. Smith, P. Kostas, L. Zen, and I. Marion, "Wavelet Decomposition of Magnetometer Measurements to Enable Separation of Non-Linear M-I Currents", 20 Years of Nonlinear Dynamics in Geosciences Meeting, Rhodes, Greece, 20xx.

Barnes, M. Jones, C. Long, I. Marion, M. Moloa, J. Wong, Report on "Analysis of biological interaction networks for drug discovery", IMSM 20xx workshop, North Carolina State University, 20xx.

I. Marion and B. Gringels, "Asymptotic properties of H-diffusion parameter estimates", Undergraduate Projects Contest (Statistics section), Madrid University, Spain, 20xx.

### Posters

I. Marion, P. Kostas, J. Smith, and L. Zen, "Study of the Effects of Auroral Substorms on the Low-latitude Currents", AGU Fall 20xx Meeting, San Francisco, 20xx.

I. Marion and P. Kostas, "Testing for lack of dependence in functional linear model", Joint Statistical Meeting, Salt Lake City, 20xx.

I. Marion, P. Kostas, L. Zen, and J. Smith, "Probability distributions of wavelet coefficients of the ground-based magnetometer data for storm and quiet times", AGU Fall 20xx Meeting, San Francisco, 20xx.

*Willing to Relocate – Available May 20xx*