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Academic Positions

2020 – Present	Assistant Professor of Statistics, Montclair State University, Department of Applied Mathematics and Statistics
2014 – 2019	Assistant Professor of Statistics, Montclair State University, Department of Mathematical Sciences
2008 – 2014	Assistant Professor of Biostatistics, East Carolina University, Department of Biostatistics
2005	Research Assistant of Biostatistics, Florida State University, Department of Statistics
2003 – 2008	Teaching Assistant, Florida State University, Department of Statistics

Education

2008	Ph.D. in Statistics, Department of Statistics, Florida State University, USA Thesis committee: Florentina Bunea (co-advisor), Marten Wegkamp (co-advisor), Joshua Gert, Xufeng Niu, Myles Hollander Thesis title: Revealing sparse signals in functional data
2005	M.S. in Statistics, Department of Statistics, Florida State University, USA
2003	B.S. in Economics, Facultatea de Stiinte Economice, Universitatea de Vest, Romania

Research Areas

Dynamic prediction and inference, Function-on-function regression, Biostatistics, Outlier detection, Computational statistics, Functional data analysis.

Courses Taught

Montclair State University, Montclair, NJ (Department of Applied Mathematics and Statistics)

- STAT 401-01 Applied Statistics for Sciences (34 students) Spring 2020
- STAT 401-02 Applied Statistics for Sciences (30 students) Spring 2020
- MATH 106 Contemporary Applied Math for Everyone (30 students) Spring 2020
- STAT 656 Functional Analysis (1 student) Spring 2020
- STAT 401-01 Applied Statistics for Sciences (35 students) Fall 2019
- STAT 401-03 Applied Statistics for Sciences (25 students) Fall 2019
- INFO 240 Statistical Methods in Business (24 students) Fall 2019
- STAT 442 Fundamentals of Modern Statistics II (Independent study, 1 student) Summer 2019

- STAT 401-01 Applied Statistics for Sciences (31 students) Spring 2019
- STAT 401-02 Applied Statistics for Sciences (24 students) Spring 2019
- STAT 481 Intro to Statistical Data Mining (24 students) Spring 2019
- STAT 561 Statistical Data Mining I (9 students) Spring 2019
- STAT 649 Independent Study in Statistics (2 students) Spring 2019
- STAT 698 Master's Thesis: Sampling Studies for Longitudinal Functional Data (1 student) Spring 2019
- STAT 330 Fundamentals of Modern Statistics (25 students) Fall 2018
- STAT 401-02 Applied Statistics for Sciences (32 students) Fall 2018
- STAT 442 Fundamentals of Modern Statistics II (22 students) Fall 2018
- STAT 552 Intermediate Statistical Methods (8 students) Fall 2018
- STAT 649 Independent Study in Statistics (1 student) Fall 2018
- STAT 595 Topics in Statistics (1 student) Summer 2018
- STAT 401-01 Applied Statistics for Sciences (35 students) Spring 2018
- STAT 401-02 Applied Statistics for Sciences (35 students) Spring 2018
- STAT 648 Advanced Statistical Methods (11 students) Spring 2018
- STAT 497 Undergraduate Research in Statistical Science (1 student) Spring 2018
- STAT 544 Statistical Computing (20 students) Fall 2017
- STAT 441 Statistical Computing (32 students) Fall 2017
- STAT 646 Multivariate Analysis (16 students) Fall 2017
- STAT 497 Undergraduate Research in Statistical Science (1 student) Fall 2017
- STAT 649 Independent Study in Statistics (1 student) Fall 2017
- STAT 698 Master's Thesis: Identification of Dynamic Outliers (1 student) Spring 2017
- STAT 698 Master's Thesis: Prediction Intervals for Functional Data (1 student) Spring 2017
- STAT 481 Intro to Statistical Data Mining (35 students) Spring 2017
- STAT 561 Statistical Data Mining I (11 students) Spring 2017
- STAT 401-01 Applied Statistics for Sciences (35 students) Spring 2017
- STAT 401-02 Applied Statistics for Sciences (35 students) Spring 2017
- STAT 442 Fundamentals of Modern Statistics II (26 students) Fall 2016
- STAT 552 Intermediate Statistical Methods (7 students) Fall 2016
- STAT 401-01 Applied Statistics for Sciences (35 students) Fall 2016
- STAT 401-02 Applied Statistics for Sciences (35 students) Fall 2016
- STAT 649 Independent Study in Statistics (1 student) Fall 2016
- STAT 648 Advanced Statistical Methods (8 students) Spring 2016
- STAT 401-01 Applied Statistics for Sciences (32 students) Spring 2016
- STAT 401-02 Applied Statistics for Sciences (35 students) Spring 2016
- STAT 646 Multivariate Analysis (10 students) Fall 2015
- STAT 401 Applied Statistics for Sciences (32 students) Fall 2015

- STAT 561 Statistical Data Mining I (10 students) Spring 2015
- STAT 481 Intro to Statistical Data Mining (35 students) Spring 2015
- STAT 401 Applied Statistics for Sciences (34 students) Spring 2015
- MATH 497 Mathematics Research I (1 student) Spring 2015
- STAT 401-02 Applied Statistics for Sciences (27 students) Fall 2014
- STAT 401-01 Applied Statistics for Sciences (32 students) Fall 2014

East Carolina University, Greenville, NC (Department of Biostatistics)

- Biostatistics for Health Professionals I (30 students) 2009 – 2014
- Biostatistics for Health Professionals II (20 students) 2011
- Introduction to Biostatistics (30 students) 2008 – 2014
- Experimental Design (10 students) 2013

Florida State University, Tallahassee, FL (Department of Statistics)

- Introduction to Statistics, 2003 – 2008
- Fundamental Business Statistics, 2003 – 2008
- Applied Nonparametric Statistics, 2006 (TA)

Publications

1. Huang, L., Bai, J., **Ivanescu, A. E.**, Harris, T., Maurer, M., Green, P., and Zipunnikov, V. 2019. [Multilevel matrix-variate analysis and its application to accelerometry-measured physical activity in clinical populations](#). *Journal of the American Statistical Association* 114(562): 553–564.
2. Smirnova, E., **Ivanescu, A. E.**, Bai, J., and Crainiceanu, C. M. 2018. [A practical guide to big data](#). *Statistics & Probability Letters* 136: 26–29.
3. **Ivanescu, A. E.** 2018. [Function-on-function regression for two-dimensional functional data](#). *Communications in Statistics – Simulation and Computation* 47(9): 2656–2669.
4. Alexander, M., Pisut, G., and **Ivanescu, A. E.** 2017. [Using demographic variables to understand body size perception and implications for retailers](#). *Family and Consumer Sciences Research Journal* 46(2): 129–143.
5. **Ivanescu, A. E.**, Crainiceanu, C. M., and Checkley, W. 2017. [Dynamic child growth prediction: a comparative methods approach](#). *Statistical Modelling* 17(6): 468–493.
6. **Ivanescu, A. E.** 2017. [Adaptive inference for the bivariate mean function in functional data](#). *Advances in Data Science and Adaptive Analysis* 9(3): 1–29.
7. Bai, J., **Ivanescu, A. E.**, and Crainiceanu, C. M. 2017. [Discussion of the paper ‘A general framework for functional regression modelling’](#). *Statistical Modelling* 17(1-2): 36–44.
8. Grajeda, L. M., **Ivanescu, A. E.**, Saito, M., Crainiceanu, C. M., Jaganath, D., Gilman, R. H., Crabtree, J. E., Kelleher, D., Cabrera, L., Cama, V., and Checkley, W. 2016. [Modeling subject-specific childhood growth using linear mixed-effect models with cubic regression splines](#). *Emerging Themes in Epidemiology* 13:1–13.

9. Donnelly, J., Horn, R.R., Young, M. and **Ivanescu, A.E.** 2016. [The effects of the Yes You Can! curriculum on the sexual knowledge and intent of middle school students.](#) *Journal of School Health* 86(10): 759–765.
10. **Ivanescu, A. E.**, Staicu, A.-M., Scheipl, F., and Greven, S. 2015. [Penalized function-on-function regression.](#) *Computational Statistics* 30(2): 539–568.
11. **Ivanescu, A. E.**, Li, P., George, B., Brown, A. W., Keith, S. W., Raju, D., and Allison, D. B. 2016. [The importance of prediction model validation and assessment in obesity and nutrition research.](#) *International Journal of Obesity* 40: 887–894.
12. Thomas, D. M., **Ivanescu, A. E.**, Martin, C. K., Heymsfield, S. B., Marshall, K., Bodrato, V. E., Williamson, D. A., Anton, S. D., Sacks, F. M., Ryan, D. and Bray, G. A. 2015. [Predicting successful long-term weight loss from short-term weight-loss outcomes: new insights from a dynamic energy balance model \(The POUNDS Lost study\).](#) *The American Journal of Clinical Nutrition* 101(3): 449–454.
13. Sawrar, H., Chapman III, W. H., Pender, J. R., **Ivanescu, A. E.**, Drake III, A. J., Pories, W. J., Dar, M. S. 2014. [Hypoglycemia after Roux-en-Y gastric bypass: The BOLD experience.](#) *Obesity Surgery* 24(7): 1120–1124.
14. **Ivanescu, A. E.** 2013. [A note on bivariate smoothing for two-dimensional functional data.](#) *International Journal of Statistics and Probability* 2(2): 102–111.
15. Curry, J. D., Norbury, J. W., Cartwright, M. S., **Ivanescu, A. E.**, Moore, D. 2013. [Comparison of two different ultrasonographic parameters for the diagnosis of carpal tunnel syndrome.](#) *Physical Medicine and Rehabilitation: Musculoskeletal and Sports Medicine* 5, 9S.
16. Pratt, K. J., Lazorick, S., Lamson, A. L., **Ivanescu, A. E.**, and Collier, D. N. 2013. [Quality of life and BMI changes in youth participating in an integrated pediatric obesity treatment program.](#) *Health and Quality of Life Outcomes* 11(116): 1–9.
17. Perryman, T., Carter, A., S. Messinger, D., S., Stone, W., L., **Ivanescu, A. E.**, Yoder, P. 2013. [Brief Report: Parental child-directed speech as a predictor of receptive language in children with autism symptomatology.](#) *Journal of Autism and Developmental Disorders* 43(8): 1983–1987.
18. Alexander, M., Pisut, G., and **Ivanescu, A. E.** 2012. [Investigating women’s plus-size body measurements and hip shape variation based on SizeUSA data.](#) *International Journal of Fashion Design, Technology and Education* 5(1): 3–12.
19. Elliott, S. J., **Ivanescu, A. E.**, Leland, N., Fogo, J., Painter, J. A., and Trujillo, L. 2012. [Feasibility of interdisciplinary community-based fall risk screening.](#) *American Journal of Occupational Therapy* 66: 161–168.
20. Bunea, F., **Ivanescu, A. E.**, and Wegkamp, M. H. 2011. [Adaptive inference for the mean of a Gaussian process in functional data.](#) *Journal of the Royal Statistical Society - Series B (Statistical Methodology)* 73(4) 531–558.
21. Sharma, S., **Ivanescu, A. E.**, and Srivastava, R. 2009. [Utility of modified mallampati score in predicting obstructive sleep apnea in African-Americans.](#) *CHEST* 136(4), 33S.
22. **Ivanescu, A. E.** 2008. [Revealing sparse signals in functional data.](#) Department of Statistics, Florida State University, Tallahassee, FL. PhD Dissertation.

Working Papers

23. “Dynamic prediction of multiple sclerosis lesion MRI intensities” with Johns, J., Dworkin, J., Shinohara, R., Reich, D. S., and Crainiceanu, C.

Abstract: We introduce a class of methods for dynamic prediction of voxel image intensities in multiple sclerosis (MS) lesions using multi-sequence structural magnetic resonance imaging (sMRI).

24. “Outlier detection in dynamic functional models” with Checkley, W. and Crainiceanu, C.

Abstract: We propose methods for dynamic identification of outliers for sparse or dense longitudinal data. We call these methods dynamic because the associated models can be applied at and tailored to any time point in the history of the data for one individual. Dynamic methods are different from static approaches that use all available data after it is collected. Static approaches are useful in retrospective studies when one is interested in data quality control, whereas dynamic approaches are useful when one is interested in identifying unusual observations as soon as possible and use these findings for interventions as data are acquired. The methods we propose can use covariate adjustment both for time-dependent and time-independent covariates. Methods are motivated by and applied to a child growth study conducted in Lima, Peru.

Grants

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| 2019 | Project Director: <i>Dynamic child growth curve modeling and outlier detection</i> . Johns Hopkins University, Subcontract. Percent support: 7% from annual salary (2019) |
| 2019 | Project Director: <i>Statistical analysis of QTVI data during sleep</i> . Johns Hopkins University, Subcontract. Percent support: 13% from annual salary (2019) |
| 2015 | Principal Investigator: <i>Child growth curve modeling</i> . Johns Hopkins University, Subcontract. Percent support: 8.3% from annual salary (2015) |
| 2013 – 2014 | Co-Investigator: <i>NADPH oxidase and microvascular dysfunction in obesity</i> . National Institutes of Health (NIH), R15. Percent support: 2.5% from annual salary (2013-2014) |

Students

- *Montclair State University* (2014 – Present)
 - Toni Jassel, Master’s Thesis in Statistics (*Thesis Sponsor*)
 - Chengxin Zhang, Master’s Thesis in Statistics
 - Sahar Ahmed, Master’s Thesis in Statistics
 - Toni Jassel, Science Honors Innovation Program (SHIP)
 - Nicholas Rios, Master’s Thesis in Statistics (*Thesis Sponsor*)
 - Kangkana Baruah, Master’s Thesis in Statistics (*Thesis Sponsor*)
 - Xi Kang, Master’s Thesis in Statistics
 - Kaitlyn Scudato, Master’s Thesis in Environmental Studies
 - Mirna Halawani, independent study & SHIP
- *East Carolina University* (2008 – 2014)
 - Jonathan McRae, EdD Dissertation in Education
 - Elaine Campbell, EdD Dissertation in Education
 - Grace Wilson, PhD Dissertation in Medical Family Therapy
 - Meghan Hohn, Master’s Thesis in Medical Family Therapy
 - Lisa Buchner, Master’s Thesis in Medical Family Therapy
 - Amelia Muse, Master’s Thesis in Medical Family Therapy
 - Melissa Lewis, PhD Dissertation in Medical Family Therapy
 - Evan Twomey, PhD Dissertation in Biology
 - Charles Williams, Master’s Thesis in Biology

Certifications, Skills, and Service

- Collaborative Institutional Training Initiative Course
- Protecting Human Research Participants Course, National Institutes of Health
- College of Science and Mathematics (CSAM) Research Committee, Montclair State University, Dept. of Applied Math and Statistics representative 2020
- Undergraduate Curriculum Committee, Bulletin Boards Committee, Social Media Committee, Comprehensive Exam for M.S. Students Committee, Assessment Committee, Graduate Committee, American Statistical Association (ASA) Representative (Montclair State University, Dept. of Mathematical Sciences 2014 – 2019)
- Career Development Committee, College of Science and Mathematics (CSAM) Representative (2017 – 2018)
- Center for Quantitative Obesity Research, Montclair State University
- Software Skills: R, R Studio, R Markdown, Matlab, SAS, JMP, Minitab, SPSS, Stata, S-plus

Talks & Conference Presentations

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| 2019 | The College of New Jersey, Seminar in the Department of Mathematics and Statistics. <i>Talk: "Outlier detection in dynamic functional models"</i> |
| 2019 | International Biometric Society, Eastern North American Region (ENAR 2019) Spring Meetings, Philadelphia, PA. <i>Poster: "Computational methods for dynamic prediction"</i> |
| 2018 | Joint Statistical Meetings (JSM 2018), Vancouver, Canada, BC. <i>Topic Contributed Papers: Novel developments in functional data analysis. Talk: "Outlier detection in dynamic functional models"</i> |
| 2017 | Joint Statistical Meetings (JSM 2017), Baltimore, MD. <i>Invited Papers: Dynamic methods for functional data with application to clinical data analysis. Talk: "Identification of outliers in dynamic functional regression for child growth studies"</i> |
| 2017 | Southern Regional Council on Statistics (SRCOS) Summer Research Conference (SRC 2017), Jekyll Island, GA. <i>Invited Session: Functional Data Analysis. Talk: "Dynamic child growth prediction: a comparative methods approach"</i> |
| 2017 | Montclair State University, Seminar in the Department of Mathematical Sciences. <i>Talk: "Dynamic child growth prediction: a comparative methods approach"</i> |
| 2017 | International Biometric Society, Eastern North American Region (ENAR 2017) Spring Meetings, Washington, DC. <i>Invited Papers: Nonparametric methods for functional data with application to clinical data analysis. Talk: "Dynamic child growth prediction: a comparative methods approach"</i> |
| 2016 | Joint Statistical Meetings (JSM 2016), Chicago, IL. <i>Topic Contributed Papers: Functional and longitudinal data analysis methods. Talk: "Dynamic child growth prediction: a comparative methods approach"</i> |
| 2015 | 3 rd Annual ASA New Jersey Chapter/ Bayer Statistics Workshop, Whippany, NJ. <i>Poster: "Simulation studies for functional dynamic curve prediction"</i> |

Talks & Conference Presentations

- 2015 Joint Statistical Meetings (JSM 2015), Seattle, WA. *Contributed Papers: Advances in High-Dimensional Data Nonparametrics*. Talk: "Inference for nonparametric function-on-function regression"
- 2015 Southern Regional Council on Statistics (SRCOS) Summer Research Conference (SRC 2015), Carolina Beach, NC. *ASA/Kutner faculty invited paper and poster session*. Poster: "Child growth prediction: a comparative methods approach"
- 2015 Eastern North American Region (ENAR 2015) Biometric Society Meeting, Miami, FL. *Contributed Papers: Nonparametric Methods*. Talk: "Estimation and confidence bands for nonparametric regression with functional responses and multiple scalar covariates"
- 2014 The 70th Annual Deming Conference on Applied Statistics, Atlantic City, NJ. Poster: "Analysis of regression with bivariate predictors and applications to an association between electricity demand and temperature"
- 2014 William Patterson University, Seminar in the Department of Mathematics. Talk: "Penalized function-on-function regression"
- 2014 Joint Statistical Meetings (JSM 2013), Montreal, Canada. *Contributed Papers: Functional Analysis and Mixed Models*. Talk: "Penalized function-on-function regression"
- 2013 Statistical and Applied Mathematical Sciences Institute (SAMSI), Research Triangle Park, NC. *Program on Low-Dimensional Structure in High-dimensional Systems (LDHD)*. Poster: "Examples of sparse structures in big data and statistical inference for images"
- 2013 Statistical and Applied Mathematical Sciences Institute (SAMSI), Research Triangle Park, NC. *Neuroimaging Data Analysis (NDA) Program*. Poster: "Statistical methods for group effects in functional regression with applications to DTI brain tractography"
- 2012 Joint Statistical Meetings (JSM 2012), San Diego, CA. *Contributed Papers: Methods for Multivariate Data*. Talk: "Inference for the bivariate mean function for functional data with a two-dimensional domain"
- 2011 Statistical Methods for Very Large Datasets Conference, Baltimore, MD. Poster: "Bivariate mean function estimation for functional data with a two-dimensional domain"
- 2011 Eastern North American Region (ENAR 2011) Biometric Society Meeting, Miami, FL. *Contributed Papers: Functional Data Analysis*. Talk: "Bivariate surface estimation for functional data"
- 2010 Joint Statistical Meetings (JSM 2010), Vancouver, Canada. *Topic Contributed Papers: New Directions in Functional Data Analysis*. Talk: "Thresholded projection estimator for the mean function in functional data"
- 2010 Statistical and Applied Mathematical Sciences Institute (SAMSI), Research Triangle Park, NC. *Analysis of Object Oriented Data Workshop*. Poster: "Estimating the mean function in functional data"
- 2009 New Researchers in Statistics and Probability Conference, Baltimore, MD. Talk: "Adaptive inference for sparse signals in functional data"
- 2009 Western North American Region (WNAR 2009) Biometric Society Meeting, Portland, OR. *Institute of Mathematical Statistics (IMS) Invited Session: Functional Data Analysis*. Talk: "Adaptive inference for sparse signals in functional data"

Statistical Associations

ASA	American Statistical Association (member since 2006)
ENAR	International Biometric Society, Eastern North American Region (member since 2008)
IMS	Institute of Mathematical Statistics (member since 2012)
CWS	Caucus for Women in Statistics (member since 2017)

Honors and Awards

2019 – 2020	Engaged Teaching Fellows Program, Montclair State University
2014 – 2015	NJ-NExT Fellow
2013 – 2014	Among faculty at East Carolina University, selected by two students as <i>“The person at East Carolina University who made the most significant positive contribution to his/her education”</i> (Graduate Survey Spring 2013, 2014)
2010 – 2013	Recipient of Statistical and Applied Mathematical Sciences Institute (SAMSI) travel awards to present research posters at professional conferences at SAMSI, Research Triangle Park, NC: <i>Program on Low-Dimensional Structure in High-Dimensional Systems (LDHD 2013)</i> , <i>Neuroscience Data Analysis (NDA 2013) Program</i> , <i>Analysis of Object Oriented Data (AOOD 2010) Workshop</i>
2009	Recipient of Institute of Mathematical Statistics (IMS) travel award to present research talk at the <i>New Researchers in Statistics and Probability Conference (2009)</i> , Baltimore, MD
2009	Recipient of Eastern North American Region (ENAR) Biometric Society travel award to the <i>Workshop for Junior Biostatisticians at ENAR 2009 Spring Meetings</i> , San Antonio, TX
2006	Nominated for an Outstanding Teaching Assistant Award, Department of Statistics, Florida State University
2001 – 2003	Merit Fellowship, Facultatea de Stiinte Economice, Universitatea de Vest, Timisoara, Romania
1999 – 2000	Entrance Scholarship, Facultatea de Stiinte Economice, Universitatea de Vest, Timisoara, Romania

Presenter of Statistical Workshops

Statistical analysis with R and R Studio | Bivariate analysis using SPSS | Functional data analysis |
Bivariate statistical inference in SAS | Introduction to statistical analysis using R |
Bivariate and multivariate regression using SPSS | Odds ratio and relative risk measures in dermatology research

Short Courses/ Professional Development

- 2018 Neuroimaging analysis with R. International Biometric Society, *Eastern North American Region Spring Meetings*, Atlanta, GA
- 2016 A primer to web scraping with R. *Joint Statistical Meetings*, Chicago, IL
- 2015 Statistical analysis with missing data. *Joint Statistical Meetings*, Seattle, WA
- 2015 Data science and high-performance statistical computing. International Biometric Society, *Eastern North American Region Spring Meetings*, Miami, FL
- 2015 Graphics for clinical trials. International Biometric Society, *Eastern North American Region Spring Meetings*, Miami, FL
- 2014 Applied predictive modeling. *The 70th Annual Deming Conference on Applied Statistics*, Atlantic City, NJ
- 2013 Successful data mining in practice. *Joint Statistical Meetings*, Montreal, Canada
- 2013 Innovation in online instruction in Statistics: Engaging and challenging e-Learners. *United States Conference on Teaching Statistics (USCOTS)*, Cary, NC
- 2012 Generalized additive mixed models. *Joint Statistical Meetings*, San Diego, CA
- 2011 Computationally intensive methods in teaching introductory Statistics. *United States Conference on Teaching Statistics (USCOTS)*, Cary, NC
- 2011 Statistical methods for new high throughput technological measurements. International Biometric Society, *Eastern North American Region Spring Meetings*, Miami, FL
- 2009 Junior Biostatisticians Workshop. International Biometric Society, *Eastern North American Region Spring Meetings*, San Antonio, TX

Professional Activities

Referee for:

1. Electronic Journal of Statistics
2. Statistical Modelling
3. Biometrics
4. Computational Statistics and Data Analysis
5. PLOS ONE
6. Econometrics and Statistics
7. Nutrition Journal
8. Obesity
9. STAT
10. Environmental and Ecological Statistics
11. Book Review *Quantitative Data Analysis with IBM SPSS 17, 18, & 19: A Guide for Social Scientists* by Bryman, A. and Cramer, D. (2011), Review published in *The American Statistician* (2012), 66(4), p. 241.

Conference Program Session Organizer & Service

1. Organizer for the Topic Contributed Papers session “*Novel developments in functional data analysis*”, Vancouver, Canada. *Joint Statistical Meetings (JSM 2018)*.

2. Organizer for the Invited Papers session "*Functional data analysis in biosciences*", Atlanta, GA. International Biometric Society, Eastern North American Region (ENAR 2018) Spring Meetings.
3. Organizer for the Invited Papers session "*Dynamic methods for functional data with application to clinical data analysis*", Baltimore, MD. Joint Statistical Meetings (JSM 2017).
4. Organizer for the Topic Contributed Papers session "*Applications of functional data analysis to medical studies*", Baltimore, MD. Joint Statistical Meetings (JSM 2017).
5. Chair for the Topic Contributed Papers session "*Applications of functional data analysis to medical studies*", Baltimore, MD. Joint Statistical Meetings (JSM 2017).
6. Organizer for the Invited Papers session "*Nonparametric methods for functional data with application to clinical data analysis*", Washington, DC. International Biometric Society, Eastern North American Region (ENAR 2017) Spring Meetings.
7. Member in Social Media Committee (2016) International Biometric Society, Eastern North American Region (ENAR).
8. Organizer for the Topic Contributed Papers session "*Functional and longitudinal data analysis methods*", Chicago, IL. Joint Statistical Meetings (JSM 2016).
9. Chair for the Biometrics Section Contributed Papers session "*Statistical methods for functional data*", Chicago, IL. Joint Statistical Meetings (JSM 2016).
10. Faculty mentor for Virtual Summer Internship Program (2016). American Statistical Associations (ASA) NJ Chapter.
11. *JSM Docent*, Chicago, IL. Joint Statistical Meetings (JSM 2016).
12. *JSM Docent*, Seattle, WA. Joint Statistical Meetings (JSM 2015).
13. Organizer for the Invited Papers session "*Recent advances in the analysis of functional data*", San Diego, CA. Joint Statistical Meetings (JSM 2012).
14. Chair for the ASA Biometrics Section Contributed Papers session "*Variable and model selection*", Miami, FL. International Biometric Society, Eastern North American Region (ENAR 2011) Spring Meetings.