

CURRICULUM VITAE

Dr. OLGA KOROSTELEVA, Ph.D.

Work Experience

- Professor, Department of Mathematics and Statistics, CSULB, Long Beach, CA, *Aug. 2014 - present*
- Associate Professor, Department of Mathematics and Statistics, CSULB, Long Beach, CA, *Aug. 2009 – Aug. 2014*
- Assistant Professor, Department of Mathematics and Statistics, CSULB, Long Beach, CA, *Aug. 2002 – July 2009*

Consulting Experience

- Faculty Director, Statistical Consulting Group, Department of Mathematics and Statistics, CSULB, Long Beach, CA, *Jun. 2015 – present*
- Hoag Orthopedic Institute, Irvine, CA, *Dec. 2017 – May 2020*
- Eyesonix, Long Beach, CA, *May 2010 – May 2012*
- Neomend, Irvine, CA, *Aug. 2010 – Dec. 2012*
- Pegasus Biologics (later Synovis Orthopedic and Woundcare), Irvine, CA, *Feb. 2009 – Dec. 2010*
- EMT Associates, Inc., Encino, CA, *Sept. 2008 – Aug. 2009*
- VA Hospital, Long Beach, CA, *Sept. 2008 – Dec. 2010*
- CSULB Center for Health Care Innovation, Long Beach, CA, *Aug. 2008 – May 2013*
- 3F Therapeutics Inc., Lake Forest, CA, *Dec. 2002– Dec. 2004*

Education

- Ph.D. in Statistics, Department of Statistics, Purdue University, West Lafayette, IN, *May 2002*
- M.S. in Statistics, Department of Statistics, Purdue University, West Lafayette, IN, *Dec. 1999*
- B.S. in Mathematics, Department of Mathematics, Wayne State University, Detroit, MI, *May 1996*
- Unfinished undergraduate studies, Moscow Electronic Engineering Institute, Moscow, Russia, *Sept. 1991 – May 1994*

Publications BOOKS

1. Korosteleva, O. (2022). *Stochastic Processes with R: An Introduction*, Chapman and Hall/CRC.
2. Korosteleva, O. (2018). *Advanced Regression Models with SAS and R*, Chapman and Hall/CRC.
3. Korosteleva, O. (2013). *Nonparametric Methods in Statistics with SAS Applications*, Chapman and Hall/CRC.
4. Korostelev, A. and O. Korosteleva (2011). *Mathematical Statistics: Asymptotic Minimax Theory*, American Mathematical Society, Graduate Studies in Mathematics, Volume 119.

5. Korosteleva, O. (2009). *Clinical Statistics: Introducing Clinical Trials, Survival Analysis, and Longitudinal Data Analysis*, Jones and Bartlett Publishers, Inc.

Publications **ENCYCLOPEDIA ARTICLES**

1. Korosteleva O. (2018). “Fisher Exact Test”. *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation*, edited by Bruce Frey, SAGE Publications, Inc.
2. Korosteleva, O. and B. Song (2018). “The Student’s T-tests”. *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation*, edited by Bruce Frey, SAGE Publishing, Inc.

Publications **PAPERS**

1. D. Aguirre, M. Garcia, A. Durazo, J. Garay, M. Bravo, O. Korosteleva, M. Bird. “Methodology of the Long Beach Collaborative family-based childhood obesity study”, submitted.
2. Michelle K. Alencar, Kelly Johnson, Rashmi Mullur, Virginia Gray, Elizabeth Gutierrez, and Olga Korosteleva (2017). The efficacy of a telemedicine-based weight loss program with video conference health coaching support, *Journal of Telemedicine and Telecare*, 25(3): 151-157.
3. B. Ghafoori, M. Hansen, E. Garibay, and O. Korosteleva (2017). Feasibility of training frontline therapists in Prolonged Exposure: A randomized controlled pilot study of treatment of complex trauma in diverse victims of crime and violence, *Journal for Nervous and Mental Disease*, 205(4): 283 – 293.
4. Bitá Ghafoori, Dennis Fisher, Olga Korosteleva, Madelyn Hong (2016). A Randomized, Controlled Pilot Study of a Single-Session Psychoeducation Treatment for Urban, Culturally Diverse, Trauma-Exposed Adults, *Journal for Nervous and Mental Disease*, 204(6), 421 - 430.
5. D’Anna, LH, Warner L, Margolis AD, Korosteleva, OA, O’Donnell L, Rietmeijer CA, Klausner JD, Malotte CK, and the Safe City Study Group (2015). Consistency of Condom Use During Receptive Anal Intercourse Among Women and Men Who Have Sex with Men: Findings from the Safe in the City Behavioral Study, *Sexually Transmitted Diseases*, 42(7), 393 – 399.
6. Bitá Ghafoori, Dennis G. Fisher, Olga Korosteleva, Madelyn Hong (2014). Factors Associated with Mental Health Service Use in Urban, Impoverished, Trauma-Exposed Adults, *Psychological Services*, 11(4), 451-459.
7. Donald Schwartz, John Samples, and Olga Korosteleva (2014). Therapeutic ultrasound for glaucoma: clinical use of a low-frequency low-power ultrasound device for lowering intraocular pressure, *Journal of Therapeutic Ultrasound*, 2:15.
8. Laura Hoyt D’Anna, Olga Korosteleva, Lee Warner, John Douglas, Sindy Paul, Carol Metcalf, Elizabeth McIlvaine, C. Kevin Malotte, and the RESPECT-2 Study Group (2012). Factors Associated with Condom Use Problems During Vaginal Sex with Main and Non-Main Partners, *Sexually Transmitted Diseases*, 39(9), 687-693.
9. D’Anna, LH, Margolis, AD, Warner L, Korosteleva, OA, O’Donnell L, Rietmeijer CA, Klausner J, Nomura W, Malotte CK, The Safe City Study Group (2012). Condom Use Problems During Anal Sex Among Men Who Have Sex with Men (MSM): Findings from the Safe in the City Study, *AIDS Care* 24(8), 1028-38.
10. Britt Rios-Ellis, Ana C. Canjura, Melawhy Garcia, Olga Korosteleva, Selena Nguyen-Rodriguez, Lilia Espinoza, Mara Bird, and C. Kevin Malotte (2011). Rompe el Silencio:

- Break the Silence - Increasing Sexual Communication in Latina Intergenerational Family Dyads, *Hispanic Health Care International* 9(4), 174-185.
11. Hanin, L. and O. Korosteleva (2010). Does Extirpation of the Primary Tumor Give Boost to Growth of Metastases? Evidence Revealed by Mathematical Modeling, *Mathematical Biosciences* 223(2), 133 – 141.
 12. Korostelev, A. and O. Korosteleva (2004). Spread of Branching Diffusion: Sharp Asymptotics, *Stochastics and Stochastics Reports* 76(6), 509 – 516.
 13. Korosteleva, O. (2004). The Spread of Branching Diffusion under Stabilizing Drift, *Stochastics and Stochastics Reports* 76(3), 179 – 189.
 14. Korosteleva, O. and S. Lototsky (2003). Comment on Derivation of Sample Size Requirements for Evaluating Heart Valves with Constant Risk Events, *Journal of the Heart Valve Disease* 12(5), 668 – 669.
 15. Pomerantsev, L. and O. Korosteleva (2003). Do Prospective Elementary and Middle School Teachers Understand the Structure of Algebraic Expressions? *Issues in the Undergraduate Mathematics Preparation of School Teachers: The Journal 1: Content Knowledge* (electronic).
 16. Korostelev, A. and O. Korosteleva (2003). Limit Theorem for the Spread of Branching Diffusion with Stabilizing Drift, *Stochastic Analysis and Applications* 21(3), 611 – 641.

Publications POSTER ABSTRACTS

1. Joy R Goebel, Olga Korosteleva, Elizabeth A Ortega, Timothy Manning, and Yemisrach T Lodebo (2018). Advanced Care Planning in Persons Who Die From Heart Disease, *Circulation*, Vol. 134, No. suppl_1.
2. Joy Goebel, Olga Korosteleva, Elizabeth Ortega, and Timothy Manning (2017). Is Symptom Burden Associated with Advanced Care Planning in Individuals Who Die of Cardiovascular Disease? *Journal of Pain and Symptom Management*, 53(2): 366 – 367.
3. L H D'Anna, O A Korosteleva, D Perez, L O'Donnell, C A Rietmeijer, J D Klausner, C K Malotte and Safe in the City Study Group (2013). Differences in Condom Use Consistency During Vaginal and Heterosexual Anal Sex: Findings from the Safe in the City Study, *Sexually Transmitted Infections*, 89: A298.
4. L. D'Anna, A. Margolis, L. Warner, O. Korosteleva, L. O'Donnell, C. Rietmeijer, J. Klausner, C. K. Malotte (2011). Characteristics Associated with Condom Breakage/slippage or Partial Use During Vaginal Sex with Main and Non-main Partners: Findings from the Safe City Project Study, *Sexually Transmitted Infections*, 87: A244 – A245.

UNPUBLISHED STUDY MATERIALS

1. Korosteleva, O. (2021). Solutions Manual for “Korosteleva, O. *Introductory Stochastic Processes with R*, CRC Press”.
2. Korosteleva, O. (2020). Solutions Manual for “Korosteleva, O. (2018). *Advanced Regression Models with SAS and R*, CRC Press”.
3. Korosteleva, O. (2015). *Introductory Mathematical Statistics: A Collection of Must-Know Exercises with Solutions*.
4. Korosteleva, O. (2013). Solutions Manual for “Korosteleva, O. (2013). *Nonparametric Methods in Statistics with SAS Applications*, CRC Press”.

5. Korosteleva, O. (2011). Solutions Manual for “Korostelev, A. and O. Korosteleva (2011). *Mathematical Statistics: Asymptotic Minimax Theory*, American Mathematical Society, Graduate Studies in Mathematics, Volume 119”.
6. Korosteleva, O. (2009). Solutions Manual for “Korosteleva, O. (2009). *Clinical Statistics: Introducing Clinical Trials, Survival Analysis, and Longitudinal Data Analysis*, Jones and Bartlett Publishers, Inc.”

Proposals (not funded)

- CSULB Scholarly and Creative Activities Awards 2012-2013, *Sept. 2011*
- Biostatistician, National Institute of Health (NIH), Title: “The efficacy of acupuncture for posttraumatic stress disorder (PTSD)”, PI: Dr. M. Hollifield, VA Hospital, Long Beach, *2011*
- Biostatistician, National Psoriasis Foundation, Title: “Defining Psoriasis Remission”, PI: Dr. Francis Dann, VA Hospital, Long Beach, *2010*
- Biostatistician, Title: “The Effect of TNF-alpha Blockade by Etanercept on Myocardial Infarction and Mortality in Psoriasis”, PI: Dr. Francis Dann, VA Hospital, Long Beach, *2010*
- Co-investigator, National Institute on Child Health and Human Development. Title: “Interventions to Reduce Sexual Risk in Mexican-American Female Adolescents,” PI: Dr. Kevin Malotte, Center for Health Care Innovation, CSULB, *May 2006; Jan. 2009*
- Co-PI, California Program on Access to Care, California Policy Research Center of the University of California. Title: “The Impact of Health Plan and other Socio-demographics on Quality of Health Care for California’s Adults, Adolescents, and Children,” PI: Dr. Cynthia Sanders, Department of Health Care Administration, CSULB, *Dec. 2005*
- CSULB Scholarly and Creative Activities Awards 2006-2007, *Sept. 2005*
- Co-PI, California Program on Access to Care, California Policy Research Center of the University of California. Title: “Exploring Ethnicity: Health Access and Health Status for Adults of Hispanic and Asian Origin,” PI: Dr. Cynthia Sanders, Department of Health Care Administration, CSULB, *Nov. 2003*
- Co-PI, National Science Foundation, Teachers Professional Continuum, Professional Resources Development. Title: “Teaching Algebraic Language to Prospective Teachers: A Structural Approach,” PI: Dr. Lucy Pomerantsev, Department of Mathematics, CSULB, *May 2003*

Grant Awards

- Statistician, Long Beach Collaborative to Prevent Latino Childhood Obesity, CSULB Center for Latino Community Health, *Oct. 2017- Mar. 2021* (4 statistics students were employed as assistants and were paid through this grant: Eva Lee, Marco Ceballos, Gabriel Rodriguez, and Eduardo Renteria)
- Research, Scholarly, and Creative Activity (RSCA) Assigned Time award for Spring 2016 (3-unit teaching release)
- Statistician, The CSULB Research Infrastructure in Minority Institutions (RIMI) Project, Center for Health Equity Research (Director Dr. K. Malotte), *Jan. 2011-June 2013*
- Statistician, Multidisciplinary Research Award, California State University, Long Beach, 2011 (3-unit teaching release)

- Scholarly and Creative Activities Committee (SCAC) Assigned Time award for Spring 2006 (3-unit teaching release)

Fellowships

- ExxonMobil Project NExT Fellowship 2003 – 2004
 - Project NExT (New Experiences in Teaching) is a program for new or recent Ph. D.s in the Mathematical Sciences who are interested in improving the teaching of undergraduate mathematics.

Courses Taught

STAT 108	<i>Statistics for Everyday Life</i>	F'09,'10,'14,'15,'16; S'14,'15; Su'11,'13,'14,'15,'17
STAT 118	<i>Intro Business Statistics</i>	Su'20
MATH 114	<i>Finite Math</i>	F'04; S'04,'08
MATH 224	<i>Calculus III</i>	F'13
MATH 247	<i>Introductory Linear Algebra</i>	S'06
MATH 380	<i>Intro Probability Theory</i>	F'02,'06,'17,'21; S'03,'05,'06; Su'16
MATH 491	<i>Honors Seminar in Problem Solving</i>	F'19
STAT 381	<i>Intro Mathematical Statistics</i>	F'02,'06,'16,'18; S'05,'08,'09,'18,'20; Su'21,'22
STAT 410	<i>Applied Regression Analysis</i>	F'09,'18,'19,'20,'21,'22; S'06,'09,
STAT 450	<i>Multivariate Statistics</i>	S'05,'09,'10,'11,'19
STAT 475	<i>SAS Programming</i>	F'10,'11,'12,'13,'14,'15,'16,'17,'18,'19,'20,'21,'22; S'17,'18,'19,'20,'22,'23
STAT 482	<i>Random Processes</i>	F'03,'04,'12,'13,'14,'18,'20,'22
STAT 483	<i>Survey Sampling</i>	F'17,'19,'21; S'10
STAT 484	<i>Actuarial Science: Models</i>	Su'06; S'10,'12,'14,'16,'18,'20
STAT 485	<i>Actuarial Science: Financial Math</i>	S'11,'13,'15,'17,'19,'23
STAT 495	<i>Statistical Models in Epidemiology (special topic)</i>	S'22
STAT 497	<i>Undergraduate Directed Studies</i>	F'03,'16,'17; S'04,'05,'18
STAT 510	<i>Regression Analysis</i>	F'09; S'06,'09
STAT 520	<i>Statistical Inference</i>	W'09; S'08
STAT 530	<i>Experimental Design and Analysis</i>	F'04,'06,'08,'15; S'08,'09
STAT 532	<i>Quality Control</i>	F'03
STAT 544	<i>Statistical Consulting</i>	Su'08; S'13,'15,'16,'17,'18
STAT 550	<i>Multivariate Statistics</i>	S'05,'09,'10,'11
STAT 560	<i>Nonparametric Statistics</i>	S'12,'14,'17,'19,'20,'22
STAT 574	<i>Data Mining</i>	S'23
STAT 590	<i>Statistical Analysis of Medical Data</i>	F'08,'09,'10,'11,'17
STAT 592	<i>Advanced Methods in Biostatistics</i>	F'22
STAT 695	<i>Models Beyond Linear Regression (special topic)</i>	S'11
STAT 697	<i>Graduate Directed Studies</i>	F'03,'08,'09,'14,'16,'18; S'04,'06,'08,'09,'10,'16,'21,'23
STAT 698	<i>Master's Thesis or Project</i>	F'06,'08,'09,'10,'13,'14,'15,'16,'18,'19,'20,'21,'22; S'08,'09,'10,'12,'14,'15,'16,'17,'18,'19,'20,'21,'22,'23

STAT 497 Undergraduate Directed Studies

Philippa Holmes (2 units) Fall, '03	Branden Thomas (1 unit) Spr., '04
Branden Thomas (1 unit) Fall, '03	Alison Velarde (3 units) Spr., '04
Moshe Katan (1 unit) Spr., '04	Branden Thomas (1 unit) Spr., '05
Jeffrey Yoshida (3 units) Fall, '16	Mary Ellis (3 units) Fall, '17
Christian Ramirez (3 units) Spr., '18	Jaime Serrano-Esparza (3 units) Spr., '20
Maria Almanza (3 units) Spr., '23	Robby Born (3 units) Spr., '23
Gregory Lent (3 units) Spr., '23	Lynette Alvarado (3 units) Spr., '23

STAT 697 Graduate Directed Studies

Yigal Weinstein (3 units) Fall, '03	Wesley Hall (3 units) Spr, '09
Yigal Weinstein (1 unit) Spr, '04	Robert Bewernick (2 units) Fall, '09
Kaori Tsuda (3 units) Spr, '06	Edward Pineda (3 units) Spr, '10
Melisha Wei (3 units) Spr, '06	Daniel Priver (3 units) Spr, '10
Elisabeth McIlvaine (3 units) Spr, '08	Bret Zeldow (3 units) Spr, '10
George Chen (3 units) Spr, '08	Ryan Speed (3 units) Fall, '14
Anatoly Kobozev (3 units) Fall, '08	Tony Molina (3 units) Fall, '14
Leitha Purcell (3 units) Fall, '08	Hung Duong (1 unit) Spr, '16
Kevin Merrit (3 units) Fall, '16	Naomi Carrillo (3 units) Fall, '18
Arevik Chukhuryan (3 units) Fall, '18	Yuki Hotta (3 units) Fall, '20
Hellen Loya (3 units) Spr, '21	

Undergraduate Honor's Thesis Defense Committee

1. (Chair) Ranil Weerackoon, *Formulating Optimal Betting Strategies Through a Statistical Prediction of the Outcome and Margin of Victory of NFL Games*, May 2015
2. (Chair) Sarah Faust, *The Effect of Press Releases on Stocks: A Case Study of Apple*, May 2012

Chaired Master's Thesis Defense Committees

1. Anh Vu, *Statistical and Machine Learning Approaches in the Pharmaceutical Industry*, May, 2024 (projected)
2. Zhaochuan Lu, title TBD, Dec. 2023 (projected)
3. Yuan Wang, title TBD, Dec. 2023 (projected)
4. Katya Mora, *Predictive Modeling for Detecting Fraudulent Insurance Claims*, Dec. 2023 (projected)
5. Carl Lurvey, *Probabilistic and Machine Learning Methods in Insurance*, Dec. 2023 (projected)
6. Elizabeth Froh, *Statistical and Machine Learning Analyses of Renewable and Sustainable Energy Systems*, Aug. 2023 (projected)
7. Alice Huynh, *Statistical Methods for Evaluation of Customer Satisfaction*, Aug. 2023 (projected)
8. Yushan Zhao, *Statistical Methodologies in Family Studies and Developmental Psychology*, Aug. 2023 (projected)

9. Simeon Adeyemo, *Models for Transmission and Geospatial Distribution of Mycobacterium Tuberculosis in South Africa*, May 2023
10. Felix Padilla, *Bootstrapping Method: Statistical Inference and Applications in R*, May 2023
11. Christian Ibarra, *Matching by the Propensity Score Methodology with Applications in R*, Jan. 2023
12. Nathaniel Clucas, *Rare Events with High Risks: Extreme Value Theory with Applications in R*, Dec. 2022
13. Derrick Tien, *Statistical Inference of Item Response Theory with Applications in R*, Dec. 2022
14. Samara Miramontes, *Analyzing Real Estate Data Using Advanced Regression Models*, Aug. 2022
15. Jacqueline Stephanie Mejia Sandoval, *Generation Methods and Statistical Inference for Random Variables and Processes*, Dec. 2021
16. Hellen Loya, *Modeling Air Pollution Effect on Epidemiological Events: Regression and Machine Learning Approaches*, Dec. 2021
17. Kevin Nguyen, *Statistical Methods for Clinical Data: Survival Analysis, Longitudinal Regressions, and Bayesian Monitoring*, May 2021
18. Briahna Austin, *Some Statistical and Data Mining Techniques for Analyzing Perioperative Medical Data*, May 2021
19. Joseph Gadbois, *The Versatility and Performance of Neural Networks for Digital Signal Data*, Jan. 2021
20. Robert Nakano, *Predicting Optimal Meal Kit Choices: A Comparison of Methods*, Dec. 2020
21. Pauline Fernandez, *Modeling of Extremist Group Networks Using R*, May 2020
22. Jessica Vo, *Using Supervised Machine Learning for Early Lung Cancer Detection*, May 2020
23. Tan Liu, *The Logical Approach to Equity Returns*, Aug. 2019
24. Miriam Alvarez-Pintor, *Modeling Survivability of Aircraft Parts and Cost Optimization via Location Characteristics*, May 2019
25. Eva Lee, *Ecological Analysis Using Spatial Regression, Classification and Regression Trees, and Hierarchical Modeling*, Dec. 2018
26. Robert Zdjelar, *Getting Out of the Red Zone: Using Statistics to Analyze Consumer Reviews and Hotel Functions*, Aug. 2018
27. Keren Soussan, *Bayesian Approaches to Survival Analysis with Applications in Anthropology*, Aug. 2018
28. Huy Pham, *Determination of Default Probability in Auto Finance Through Predictive Analytics*, Aug. 2017
29. Sarah Woolston, *Machine-Learning Methods for Credit Card Fraud Detection*, Aug. 2017
30. Kevin Merritt, *Predicting the Success of Running Back Prospects in The National Football League*, Aug. 2017
31. Lizet Tirres, *Survey Design, Sampling, And Analysis with Applications*, Aug. 2016
32. Hien Nguyen, *Structural Equation Models Estimation Methods*, Dec. 2015
33. Lindsay Fitzgerald-Dehoog, *Multivariate Analysis of Proteomic Data: Novel Functional Group Analysis Using a Global Test*, Dec. 2015
34. Mary Tromp, *Bayesian Monitoring of Clinical Trials: Examples Using Conjugate Priors*, Jan. 2015
35. Martha Nava, *Generalized Linear Regression Models for Count Data*, May 2014
36. Francisco Romero, *Time to Event Analysis of Mathematics Intervention Programs*, May 2012
37. Donna Russo, *Models of Cancer: Onset Time, Size of Primary Tumor, and Metastases Proliferation*, May 2010
38. Moshe Katan, *Violation of Assumptions in Linear Regression Model: Regressions as Remedial Measures*, May 2007

Member (Reader) Master's Thesis Defense Committees

1. Huy Truong, *Predicting Aircraft Availability: A Machine Learning Approach*, Dec. 2022
2. Jasmine Barbee, *Prediction of Final Pitch Outcome in MLB Games Using Statistical Learning Methods*, Dec. 2020
3. Nand Modi, *Effect of Smoking on Kidney and Cardiovascular Health while Considering Effects of Health Disparities* (Master of Public Health, Department of Health Science), May 2019
4. Michael Sims, *Improving First Time Freshman Graduation Rates: An Essential Classification Problem*, Aug. 2018
5. Pablo Chavarria, *Reduction of Confidence Interval Length for Small-Normal Data Sets Utilizing Bootstrap and Conformal Prediction Methods*, Aug. 2018
6. Russell Valenzuela, *Predicting National Basketball Association Game Outcomes Using Ensemble Learning Techniques*, Aug. 2018
7. Octavio Urista, *Using Machine Learning Methods to Predict NFL Victors*, Aug. 2017
8. Ranita Ram, *A Descriptive Study on the Effects of Prolonged Initial Evaluation after Sustaining a Sports-Related Concussion* (M.S. Kinesiology and Sports Medicine, Department of Kinesiology), Aug. 2016
9. Che Wankie, *Local Spatial Modeling Using Geographically Weighted Regression (GWR)*, May 2013
10. Bengu Baskaya, *Statistical Analysis of Decision Trees*, May 2011
11. Jörn Kleinhan, *Financial Forecasting with Time Series Econometrics GARCH Models for Capital Markets*, Dec. 2004

Chaired Master's Project Defense Committees

1. Christina Overholtzer Lopez, title TBD, Dec. 2023 (projected)
2. Edgar Ramirez, *Statistical Process Control in Aerospace Manufacturing Industry*, Dec. 2022
3. Jeremy Bautista, *Forecasting Monthly Sales of Watermakers in the Global Marine Market*, May 2021
4. Steven Drury, *Statistical Analysis of Mortgage Fundings Based on Data Collected from a Mortgage Lending Institution*, Aug. 2018
5. Terrie Yoo, *Statistical Analysis of Credit Card Debt Collectability Based on Data from a Debt Collection Agency*, Aug. 2016
6. Joanne Leack, *The Port of Los Angeles' Container Ship Effect on Fine Particulate Particle Matter in the San Pedro Bay Area*, Dec. 2015
7. Michael Ruffin, *User Retention and Classification in a Mobile Gaming Environment*, May 2014
8. John Espy, *Data Mining Techniques for Constructing Jury Selection Models*, Dec. 2013
9. Li Yang, *A Comparison of Unsupervised Techniques for Detection of Medical Abuse in Automobile Claims*, Dec. 2012
10. Huy Nguyen, *Hearing Loss and Fluctuations in Meniere's Disease/Cochlear Hydrops*, May 2012
11. James E. Braggs, *Statistical Capability as an Element of Business Performance Analysis*, May 2012

12. David Delany, *Developing Parameters to Reduce the High Risk of Ergonomic Injury due to Manual Drilling of Aerospace Structures*, Aug. 2011
13. Linh Tran, *Multiple Regression Analyses in the Prediction of Aerospace Instrument Costs*, May 2011
14. Leitha Alicia Purcell, *Understanding Software Development Processes Through Peer Review Data Analysis*, Aug. 2009
15. Elisabeth McIlvaine, *Factors Predicting Instances and Rates of Condom Breakage: an Exploration of Categorical Data Methods*, May 2009

Member (Reader) Master's Project Defense Committees

1. Jose Iraheta, *Leveraging Binary Classification to Drive Lead Conversion*, May 2023
2. Jaime Aclander, *Applications of Attrition Models in the Television Industry*, Aug. 2014
3. Melanie Levy, *Survey Analysis: Methodology and Application Using CHIS Data*, June 2014
4. Jason Scott Edwards, *Forecasting Grid Capacity Service Prices for Procurement and Risk Management in Integrated Forward Markets*, June 2013
5. Tristan Grogan, *Repeated Measures Modeling in the Business Environment*, May 2011
6. Mathew Koutroulis, *Modeling Changes in the Specific Heat Values of Metal Samples Across Multiple Trials*, May 2011
7. Sutthira Athayuwat, *A Stochastic Simulation Model of the Apartment Building Investment Project*, Aug. 2010
8. Shaun Byrne, *A Comparison of Continuous Turbulence and Statistical Discrete Gust for the Development of Aircraft Design Loads*, Dec. 2009
9. John Dunham, *Can Large Earthquakes Be Predicted by the Evaluation of Accelerated Moment Release?* May 2009
10. Fudjie Yota, *Chemical Measurement Analysis Using ANOVA*, May 2009
11. Krystal Santiago, *Case Management System Data Analysis for a Small Medical Device Company*, Dec. 2008
12. George Chen, *Academic Performance Index Score: The Multiple Regressions of the Non-Testing Factors*, May 2008

Doctoral Dissertation Defense Committee

- (Member) Denise Wishner, Ph.D., *Disparities Between Patients' End-of-Life Preferences and Actual End-of-Life Care Received*, School of Nursing, University of California, San Francisco, Aug. 2017
- (Member) Malinni Roeun, Ed. D., Argosy University, Los Angeles, CA, May 2006

University Service

- Member, Service Assigned Time Award Committee, 2018
- Member, President's Award Review Committee, 2018
- Member, University Award Committee, 2017-2018
- Vice-chair, University Mini-Grants and Summer Stipend Committee (UMGSSC), 2020-2021

- Alternate, University Mini-Grants and Summer Stipend Committee (UMGSSC), 2018-2019, 2019-2020
- Chair, University Mini-Grants and Summer Stipend Committee (UMGSSC), 2016-2017
- Member, University Mini-Grants and Summer Stipend Committee (UMGSSC), 2014-2015, 2017-2018

College Service

- Member, CNSM RTP Committee, 2021-2023
- Chair and Secretary, CNSM RSCA Proposal Review Committee, 2012-2014, 2016-2018
- Chair and Secretary, CNSM Professional Leave Committee, 2015-2016, 2017-2018, 2018-2019, 2021-2022
- Member, CNSM Professional Leave Committee, 2016-2017
- Secretary, College of Natural Sciences and Mathematics Council, 2009 – 2011
- Member, CNSM Grade Appeals Committee, 2009 – 2010

Departmental Service

- Organizer, 5th Annual Statistics Student Association Job Fair, *California State University, Long Beach, Apr. 28, 2023 (via Zoom)*
- Secretary, Chairperson Nomination Committee, *Feb.-Mar. 2023*
- Member, Tenure-Track Faculty Hiring Committee, 2022-2023
- Organizer, 4th Annual Statistics Student Association Job Fair, *California State University, Long Beach, Apr. 8, 2022 (via Zoom)*
- Member, Scholarship and Awards Committee, 2021-2023
- Member, Tenure-Track Faculty Hiring Committee, 2021-2022
- Organizer, 3rd Annual Statistics Student Association Job Fair, *California State University, Long Beach, Apr. 10, 2021 (via Zoom)*
- Secretary, Undergraduate Committee, *Aug. 2020-present*
- Panelist, Department of Math and Statistics Faculty Panel, NSCI 190A Freshmen Experience Success Course, *via Zoom, Oct. 12, 2020*
- Organizer, 2nd Annual Statistics Student Association Job Fair, *California State University, Long Beach, Mar. 20, 2020 (interviews were done remotely)*
- Organizer, Inaugural Statistics Student Association Job Fair, *California State University, Long Beach, Mar. 15, 2019*
- Secretary, Tenure-Track Faculty Hiring Committee, 2018-2019
- Member, Scholarship Committee, 2017-present
- Faculty Director, Statistical Consulting Group, *June 2015 - present*
- Undergraduate advisor in B.S. in Mathematics with Option in Applied Statistics (now BS in Applied Statistics) program, *Sept. 2015 – present*
- Member, Applied Mathematics Committee, 2015-2016
- Member, Election Committee, 2015-2017
- Founder and Faculty Advisor, Statistics Student Association, *Sept. 2010 – present*
- Member, Undergraduate Committee, 2016-present

- Secretary, Undergraduate Committee, *Fall, 2006, 2009, 2015, Spring 2015*
- Member, Pure Math Committee, *Fall 2006*
- Founder, Mathematics and Statistics Student Association, *Aug. 2003*
- Editor, Math Club Newsletter, *2003 – 2004*
- Member, Statistics Committee, *Department of Mathematics and Statistics, 2002 – present*
- Member (or Chair), Comprehensive Examination Committee, Experimental Design and Analysis, *Dec. 2002 – Feb. 2009, Feb. 2016*

Professional Talks

- Title: “Introduction to Stochastic Processes: Definitions, Simulations, and Interesting Applications”, *OCRUG One-day Workshop, Irvine, CA, Feb. 11, 2023*
- Title: “Advanced Regression Models with R Applications”, *OCRUG One-day Workshop, Irvine, CA, Oct. 1, 2022*
- Title: “Nonparametric Analysis: A Primer”, *SoCalRUG One-day Workshop, Irvine, CA, Feb. 26, 2022*
- Title: “Modeling Normally Distributed Data with Repeated Measures”, *OCRUG Webinar, via Zoom, Feb. 9, 2021*
- Title: “Regression Models with R Applications”, *OCRUG Webinar, via Zoom, Oct. 13, 2020*
- Title: “Advanced Regression Models with R”, *OCRUG One-day Workshop, Irvine, CA, Oct. 5, 2019*
- Title: “Regression Models for Count Data with R”, *OCRUG Seminar, Irvine, CA, Aug. 27, 2019*
- Title: “How to Apply Statistical Methodology to My Research?” *ART 601 Seminar in Art Education (instr. Dr. Victoria Bryan), CSULB, Oct. 25, 2016; Oct. 25, 2017*
- Title: “Introduction to Linear Regression Modeling” *Friday Seminar Series, Statistical Consulting Group, CSULB, Apr. 15, 2016*
- Title: “Introduction to SAS” *Friday Seminar Series, Statistical Consulting Group, CSULB, Mar. 11, 2016*
- Title: “I’ve Collected Data. Now What? Introduction to Exploratory Data Analysis” *Friday Seminar Series, Statistical Consulting Group, CSULB, Feb. 26, 2016*
- Title: “Do I need a Statistician? When is the Best Time to Involve a Statistician in My Study?” *Friday Seminar Series, Statistical Consulting Group, CSULB, Feb. 19, 2016*
- Title: “Bayesian Monitoring of Clinical Trials: Examples Using Conjugate Priors,” *Department of Mathematics Colloquium, UC Riverside, Feb. 11, 2014*
- Title: “Non-poisonous Poisson Regression at Your Fingertips,” *Chocolate Cake Seminar Series on Statistical Applications, CSULB, Mar. 18, 2013*
- Title: “Multinomial Logistic Regression Models, Your Turn!” *Chocolate Cake Seminar Series on Statistical Applications, CSULB, Nov. 19, 2012*
- Title: “Binary Logistic and Probit Models at Work,” *Chocolate Cake Seminar Series on Statistical Applications, CSULB, Nov. 5, 2012*
- Title: “Having Fun with Linear Regression Models,” *Chocolate Cake Seminar Series on Statistical Applications, CSULB, Oct. 1 and 2, 2012*
- Title: “Binary and Multinomial Logistic Regressions at Work,” *Brown Bag Seminar Series on Statistical Applications, CSULB, May 2, 2012*
- Title: “Bayesian Monitoring of Clinical Trials: Examples Using Conjugate Priors,” *Department of*

Mathematics Colloquium, CSU Fullerton, Apr. 10, 2012

- Title: “Does Extirpation of the Primary Tumor Give Boost to Growth of Metastases? Evidence Revealed by Mathematical Modeling,” 3rd *Southern California Women in Mathematics Symposium, Pomona College, Claremont, CA, Nov. 20, 2010*
- Title: “Bayesian Monitoring of Clinical Trials: Heart Valve Example,” 1st *Southern California Women in Mathematics Symposium, Loyola Marymount University, Los Angeles, CA, Apr. 25, 2009*
- Greek Penmanship Workshop, *Department of Mathematics and Statistics, CSULB, Mar. 3, 2009* (1 presentation)
- Greek Penmanship Workshop, *Department of Mathematics and Statistics, CSULB, Feb. 19, 2009* (1 presentation)
- Title: “Bayesian Approach to Clinical Trials,” *Edwards Lifesciences, Irvine, CA, Feb. 23, 2009*
- Greek Penmanship Workshop, *Department of Mathematics and Statistics, CSULB, Feb. 9 and 10, 2009* (4 presentations)
- Greek Penmanship Workshop, *Department of Mathematics and Statistics, CSULB, Feb. 17 and 18, 2008* (6 presentations)
- Title: “Spread of Branching Diffusion Under Stabilizing Drift”
 - Mathematics Colloquium, *Department of Mathematics, California State University, San Bernardino, May 2008*
 - USC Women in Math Seminar, *Department of Mathematics, University Southern California, Los Angeles, CA, Apr. 2008*
 - Probability Seminar, *Department of Statistics, University of Michigan, Ann Arbor, MI, Apr. 2007*
 - Research Colloquium, *Department of Statistics, UCR, Riverside, CA, Sept. 2004*
 - Mathematics Department Colloquium, *Cal Poly Pomona, CA, Oct. 2003*

Poster, PowerPoint, and Short-Video Presentations

- “Familias Saludables results from a quasi-experimental study to reduce Latino childhood obesity using family-based approach” by Diana Aguirre, Melawhy Garcia, Olga Korosteleva, and Mara Bird, a short video presented by Diana Aguirre, MPH, *Society of Behavioral Medicine, Virtual Conference April 12-16, 2021*
- “Outcomes of the Familias Saludables: A quasi-experimental study to reduce obesity among Latino children 5-12 years old” by Diana Aguirre, Melawhy Garcia, Olga Korosteleva, and Mara Bird, presented by Diana Aguirre, MPH, *CSULB Week of RSCA, April 8, 2021*
- “Evaluation of a Childhood Obesity Prevention Program: Using the Reach, Effectiveness, Adoption, Implementation, and Maintenance (REAIM) Framework to Assess Participant Satisfaction, Curriculum Fidelity, and Adherence” by Patricia Trinidad, Patricia Dionicio, Mayra Villa, Jacquelinne Mejia Sandoval, Mara Bird, Diana Aguirre, and Olga Korosteleva, *The CSULB Center for Latino Community Health*
 - *Presented by graduate students at USC Diabetes & Obesity Research Institute (DORI)'s 7th Annual Symposium on Diabetes and Obesity, on Feb. 25 & 26, 2020.*
- “Assessing Fidelity and Adherence within the Implementation of Familias Saludables, a Childhood Obesity Prevention Program” by Patricia Trinidad, Jacquelinne Mejia Sandoval,

Patricia Dionicio, Mara Bird, Diana Aguirre, and Olga Korosteleva, The CSULB Center for Latino Community Health

- *Presented by graduate students at Graduate Research Conference, at CSULB, on Nov. 19, 2019*
- “Evaluation of a Childhood Obesity Prevention Program: Using the RE-AIM Framework to Assess Satisfaction with the Long Beach Collaborative Curriculum” by Patricia Dionicio, Mayra Villa, Patricia Trinidad, Mara Bird, Diana Aguirre, and Olga Korosteleva, The CSULB Center for Latino Community Health
 - *Presented by graduate students at Graduate Research Conference, at CSULB, on Nov. 19, 2019*
- Title: “Does Removal of Primary Tumor Speed Up Metastatic Growth?”
 - *OC/LBASA Quarterly Social, 4Q2015 Statisticians Symposium, Community Meeting Room, IRWD, Irvine, Dec. 5, 2015*
 - *CNSM Faculty Research Symposium, CSULB, Mar. 7, 2014*

Conferences Organized and Attended

- Member of Event Organizing Committee, SCASA 42nd Annual Applied Statistics Workshop, *Apr. 21, 2023 (webinar)*
- Chair of Event Organizing Committee, Annual Southern California Chapter of the ASA (SCASA) Kick-Off, via Zoom, *Dec. 10, 2022*
- Chair of Event Organizing Committee, ASA Traveling Course, *Oct. 22, 2022 (webinar)*
- 2022 Orange County Biostatistics Symposium, Abbvie campus, Irvine, *Oct. 14, 2022*
- Member of Event Organizing Committee, SCASA 41st Annual Applied Statistics Workshop, *Apr. 23, 2022 (webinar)*
- Chair of Event Organizing Committee, Annual Southern California Chapter of the ASA (SCASA) Kick-Off, via Zoom, *Dec. 11, 2021*
- Chair of Event Organizing Committee, ASA Traveling Course, *Oct. 23, 2021 (webinar)*
- Member of Event Organizing Committee, SCASA 40th Annual Applied Statistics Workshop, *Apr. 24, 2021 (webinar)*
- 13th Annual University of Pennsylvania Conference on Statistical Issues in Clinical Trials, Center for Clinical Epidemiology and Biostatistics, virtual, *Apr. 12, 2021*
- Chair of Event Organizing Committee, Annual Southern California Chapter of the ASA (SCASA) Kick-Off, via Zoom, *Dec. 12, 2020*
- Chair of Event Organizing Committee, ASA Traveling Course, *Oct. 3, 2020 (webinar)*
- Chair of Event Organizing Committee, SCASA 39th Annual Applied Statistics Workshop, *Apr. 24, 2020 (webinar)*
- Chair of Event Organizing Committee, Annual Southern California Chapter of the ASA (SCASA) Fall Kick-Off, *Azusa Pacific University, Dec. 7, 2019*
- Chair of Event Organizing Committee, ASA Traveling Course, *City of Hope, Nov. 9, 2019*
- Member of Event Organizing Committee, SCASA 38th Annual Applied Statistics Workshop, *CSULB, Apr. 26, 2019*
- Member of Event Organizing Committee, SCASA 14th Annual Statistics Poster Competition for High Schoolers, *Los Angeles, CA, Apr. 13, 2019*

- Chair of Event Organizing Committee, Annual Southern California Chapter of the ASA (SCASA) Fall Kick-Off, *Azusa Pacific University, Dec. 1, 2018*
- Member of Event Organizing Committee, ASA Traveling Course, *California State University, Fullerton, Oct. 27, 2018*
- Member of Event Organizing Committee, SCASA 37th Annual Applied Statistics Workshop, *City of Hope, Duarte, Apr. 21, 2018*
- Chair of Event Organizing Committee, Annual Southern California Chapter of the ASA (SCASA) Fall Kick-Off, *Azusa Pacific University, Nov. 18, 2017*
- AP Statistics Poster Competition, *Chapman University, Apr. 8, 2017*
- Member of Event Organizing Committee, SCASA 36th Annual Applied Statistics Workshop, *City of Hope, Duarte, Mar. 25, 2017*
- Chair of Event Organizing Committee, Annual Southern California Chapter of the ASA (SCASA) Fall Kick-Off, *City of Hope, Duarte, Nov. 12, 2016*
- Chair of Event Organizing Committee, SCASA 35th Annual Applied Statistics Workshop, *City of Hope, Duarte, Mar. 12, 2016*
- Annual Southern California Chapter of the ASA (SCASA) Fall Kick-Off, *City of Hope, Duarte, CA, Jan. 30, 2016*
- Chair of Event Organizing Committee, SCASA 34th Annual Applied Statistics Workshop, *CSULB, Apr. 3, 2015*
- Annual Southern California Chapter of the ASA (SCASA) Fall Kick-Off, *City of Hope, Duarte, CA, Dec. 6, 2014*
- Chair of Event Organizing Committee, SCASA 33rd Annual Applied Statistics Workshop, *UCLA, Mar. 29, 2014*
- Chair of Event Organizing Committee, SCASA 32nd Annual Applied Statistics Workshop, *CSULB, Mar. 8, 2013*
- Chair of Event Organizing Committee, SCASA 31st Annual Applied Statistics Workshop, *CSULB, Mar. 24, 2012*
- Panelist, Academic Panel, 2011 Statistics Careers Day, *City of Hope National Medical Center, Duarte, CA, Apr. 23, 2011*
- Chair of Event Organizing Committee, SCASA 30th Annual Applied Statistics Workshop, *CSULB, Apr. 9, 2011*
- 3rd Annual Southern California Women in Mathematics Symposium, *Pomona College, Claremont, CA, Nov. 20, 2010*
- 21st Annual Long Beach Research Symposium, *California State University, Long Beach, CA, Nov. 12, 2010*
- Summer Institute on Longitudinal Research & National Drug Abuse Treatment Clinical Trials Network (CTN) Dissemination Conference, *Marina del Rey, CA, Aug. 9-11, 2010*
- 1st Annual Southern California Women in Mathematics Symposium, *Loyola Marymount University, Los Angeles, CA, Apr. 25, 2009*
- 19th Annual Long Beach Research Symposium, *VA Medical Center, Long Beach, CA, Nov. 14, 2008*
- Annual Southern California Chapter of the ASA (SCASA) Fall Kick-Off, *University of California, Irvine, Nov. 1, 2008*
- OCTANe 3rd Annual California Medical Device Forum, *Westin South Coast Plaza, Costa Mesa, CA, Oct. 29, 2008*
- Summer Institute on Longitudinal Research, Center for Advancing Longitudinal Drug Abuse Research (CALDAR), *UCLA, Los Angeles, CA, Aug. 13-15, 2008*

- SCASA 27th Annual Workshop in Applied Statistics, *CSULB, Mar. 28, 2008*
- SCASA Careers Day in Statistics, *City of Hope National Medical Center, Duarte, CA, Mar. 1, 2008*
- SCASA 24th Annual Workshop in Applied Statistics, *CSULB, Apr. 29, 2005*
- Southern California Probability Symposium, *USC, Los Angeles, CA, Nov. 21, 2004*
- SCASA 23rd Annual Workshop in Applied Statistics, *CSULB, May 1, 2004*
- Southern California Probability Symposium, *UCLA, Los Angeles, CA, Nov. 23, 2003*
- Southern California American Statistical Association (SCASA) and Reed Institute for Decision Science, 5th Annual Workshop on Consulting and Collaboration, *Claremont McKenna College, Claremont, CA, Nov. 15, 2003*
- Southern California Chapter of Project NExT Workshop, *Pomona, CA, Oct. 4, 2003*
- Southern California-Nevada Section of MAA Meeting, *Pomona, CA, Oct. 4, 2003*
- MathFest 2003 Meetings of the Mathematical Association of America (MAA), *Boulder, CO, July 31 – Aug. 2, 2003*
- Project NExT 2003-04 Summer Workshop, *University of Colorado, Boulder, CO, July 28 – 30, 2003*

Professional Activities

- Webmaster, Southern California Chapter of American Statistical Association (SCASA), *Jan. 2023 – present*
- Treasurer, Southern California Chapter of American Statistical Association (SCASA), *Jan. 2019 – present*
- Immediate Past President, Southern California Chapter of American Statistical Association (SCASA), *Jan. 2019 – Dec. 2020*
- President, Southern California Chapter of American Statistical Association (SCASA), *Jan. 2017 – Dec. 2018*
- President-elect, Southern California Chapter of American Statistical Association (SCASA), *Jan. 2015 – Dec. 2016*
- Editor-in-Chief, E-Tidings Newsletter: SCASA Events and News, Southern California Chapter of American Statistical Association (SCASA), *Nov. 2012 – present*
- Webmaster, Applied Statistics Workshop (ASW) website, *Jan. 2012 – 2014*
- Chair of Event Organizing Committee, SCASA's Applied Statistics Workshop (ASW), *Oct. 2010 – 2016*
- Database Manager, Southern California Chapter of American Statistical Association (SCASA), *Oct. 2008 – Aug. 2013*
- Reviewer for Mathematical Reviews, American Mathematical Society, *Apr. 2005 – May 2012*

Professional Memberships

- Member, California Association for the Gifted, *April 13, 2022 – present*
- Member, American Statistical Association (ASA), *Dec. 2014 – present*
- Member, Southern California Chapter of the ASA (SCASA), *Aug. 2002 – present*

Profession-Related Community Service

- Coach of SoCal ARML teams and Grader, American Regions Mathematics League (ARML) Regional Competition, *University of Nevada, Reno, NV, Jun. 2-3, 2023*
- Judge, Data Science Hackathon, SoCal R User Group, *Irvine, Apr. 23, 2023*
- Coach of SoCal ARML teams (3 teams), ARML Local Competition, *Apr. 22, 2023 (online)*
- Presenter, “Data Visualization: A Primer”, *Sato Academy for Mathematics and Science, Apr. 28, 2023*
- Co-organizer, SCASA Regional Statistics Data Visualization Poster Competition, *online, Mar. 2023*
- Event Director, Math Day at the Beach, *CSULB, Long Beach, CA, Mar. 11, 2023*
- Judge, The 35th annual CSULB Student Research Competition, *CSULB, Long Beach, CA, Mar.10, 2023*
- Judge, DataFest, *UCLA, May 1, 2022*
- Judge, Intel International Science and Engineering Fair, *Apr. 29 - May 3, 2022(online)*
- Coach of SoCal ARML team, ARML Local Competition, *Apr. 23, 2022 (online)*
- Presenter, “Data Visualization: A Primer”, *Sato Academy for Mathematics and Science, Apr. 26, 2022*
- Co-organizer, SCASA Regional Statistics Data Visualization Poster Competition, *online, Mar. 2022*
- Event Director, Math Day at the Beach, *CSULB, Long Beach, CA, Mar. 12, 2022*
- Coach, Math Kangaroo (grades 5-8) practice team, *online, Jun. 2021 - present*
- Head Coach and Proctor, American Regions Mathematics League (ARML) Regional Competition, *virtual, Jun. 5, 2021*
- Judge, DataFest, *UCLA, Apr. 30-May 10, 2021 (online)*
- Judge, Intel International Science and Engineering Fair, *Apr. 29 - May 21, 2021 (online)*
- Coach of SoCal ARML teams (4 teams), ARML Local Competition, *Apr. 24, 2021 (online)*
- Mentor, Orange County R User Group Hackathon, *April 10-11, 2021 (online)*
- Coach of SoCal ARML teams (8 teams), ARML Local Competition, *May 30, 2020 (online)*
- Coach, AMC 10/12 practice team, *online, Jan. 2020 - present*
- Co-organizer, Math Day at the Beach, *CSULB, Long Beach, CA, Mar. 14, 2020 (event canceled)*
- Panelist, Career Night: S.T.E.A.M Event, *The Wooden Floor, Santa Ana, CA, Feb. 12, 2020*
- Head Coach of SoCal ARML teams, American Regions Mathematics League (ARML) Regional Competition, *University of Nevada, Las Vegas, NV, May 3- Jun. 1, 2019*
- Reviewer, Long Beach Unified School District (LBUSD) 24th Annual Science Fair, *Cabrillo High School, Long Beach, CA, May 18, 2019*
- Judge, DataFest, *UCLA, Apr. 7, 2019*
- Co-organizer, Math Day at the Beach, *CSULB, Long Beach, CA, Mar. 16, 2019*
- Head Coach, American Regions Mathematics League (ARML) Competition Practice, Long Beach Math Circle, *CSULB, Dec. 2018-present*
- Instructor, Middle-School Math Club “Atomic Division”, *Douglas Newcomb K-8 Academy, Sep. 2018-May 2019*
- Reviewer, Long Beach Unified School District (LBUSD) 23rd Annual Science Fair, *Cabrillo High School, Long Beach, CA, May 19, 2018*
- Judge, DataFest, *UCLA, Apr. 29, 2018*

- Judge and Presenter of Special Award (ASA), Intel International Science and Engineering Fair, *Los Angeles Convention Center, May 17-19, 2017*
- Reviewer, Long Beach Unified School District (LBUSD) 24th Annual Science Fair, *Cabrillo High School, Long Beach, CA, May 16, 2019*
- Reviewer, Long Beach Unified School District (LBUSD) 23rd Annual Science Fair, *Cabrillo High School, Long Beach, CA, May 19, 2018*
- Reviewer, Long Beach Unified School District (LBUSD) 22nd Annual Science Fair, *Cabrillo High School, Long Beach, CA, May 13, 2017*
- Reviewer, Long Beach Unified School District (LBUSD) 21st Annual Science Fair, *Cabrillo High School, Long Beach, CA, May 14, 2016*
- Reviewer, Long Beach Unified School District (LBUSD) 20th Annual Science Fair, *Cabrillo High School, Long Beach, CA, May 16, 2015*
- Reviewer, Long Beach Unified School District (LBUSD) 19th Annual Science Fair, *Cabrillo High School, Long Beach, CA, May 17, 2014*
- Judge, Intel International Science and Engineering Fair, *Los Angeles Convention Center, May 13-14, 2014*
- Founder and Instructor, Math and Science Club “Think Outside the Box!” for grades 1-5, *Douglas Newcomb K-8 Academy, Long Beach, CA, Oct. 2011- May 2019*
- Presenter, Greek Penmanship Workshop, *College Ready Academy #5, Los Angeles, CA, Mar. 10, 2009*
- Presenter, High School Outreach Presentation titled “Statistics: Past, Present, and Future,” *AP Statistics class*,
 - *Santa Margarita Catholic High School, Santa Margarita, CA, Dec. 11, 2008*
 - *Century High School, Santa Ana, CA, Dec. 9, 2008*
 - *Vistamar School, El Segundo, CA, Dec. 8, 2008*
- Member, Math Day at the Beach Organizing Committee, *Mar. 2004, 2005*
- Co-coach, ARML (American Regions Mathematics League) team of high-school students, *Oct. 2002 – Dec. 2003*

Other Community Service

- Judge, 12th Grade Engineering Design & Development Presentation, *Sato Academy of Mathematics and Sciences, Long Beach, CA, May 18, 2023*
- Judge, 11th Grade Biomedical Capstone Project Demonstration Day, *Sato Academy of Mathematics and Sciences, Long Beach, CA, May 18, 2023*
- Judge, 10th Grade Roller Coaster Integrated Project Demonstrations, *Sato Academy of Mathematics and Sciences, Long Beach, CA, May 18, 2023*
- Judge, 9th Grade “I Will Survive” Integrated Project Poster Presentations, *Sato Academy of Mathematics and Sciences, Long Beach, CA, May 12, 2023*
- Secretary, School Site Council, *Sato Academy of Mathematics and Sciences, Long Beach, CA, Sep. 2020 – present*
- Member, School Site Council, *Sato Academy of Mathematics and Sciences, Long Beach, CA, Sep. 2019 – May 2020*
- Chair of Event Organizing Committee, 8th Grade Promotion, *Douglas Newcomb K-8 Academy, Long Beach, CA, 2018-2019*

- Judge, Largest Potato Pancake, Guinness World Record, *Hebrew Academy, Huntington Beach, CA, Dec. 14, 2017*
- Chair of Event Organizing Committee, 8th Grade Promotion, *Douglas Newcomb K-8 Academy, Long Beach, CA, 2017-2018*
- Chair of Event Organizing Committee, e-Waste Recycle Fundraiser, *Douglas Newcomb K-8 Academy, Long Beach, CA, 2014-present*
- Chair of Event Organizing Committee, Mini Olympics sports event, *Douglas Newcomb K-8 Academy, Apr. 24, 2015*
- Co-Chair of Event Organizing Committee, Used Book Sale, *Douglas Newcomb K-8 Academy, Long Beach, CA, Mar. 25-27, 2015*
- Chair of Event Organizing Committee, National Red Ribbon Week, *Douglas Newcomb K-8 Academy, Long Beach, CA, Oct. 27-31, 2014*
- Secretary, School Site Council, *Douglas Newcomb K-8 Academy, Long Beach, CA, Sep. 2014 – May 2020*
- Member, School Site Council, *Douglas Newcomb K-8 Academy, Long Beach, CA, Sep. 2012 – Jun. 2014*
- Chair of Event Organizing Committee, After School Snack Sales “Snack Shack”, *Douglas Newcomb K-8 Academy, Long Beach, CA, Sep. 2011 – Jun. 2012*