

## **New England Statistical Society's NextGen: Data Science Day 2019**

### **Session Speakers Biographies**

#### **Session 1: Business Analytics in Practice (10:40AM–12:10PM)**

Chair: Dooti Roy (Boehringer-Ingelheim)

#### **Shingo Goto**



Shingo Goto is an associate professor of finance at the College of Business, the University of Rhode Island (URI). His research interests include various topics of investment and portfolio management. His research has been published in leading academic journals such as the *Review of Financial Studies*, *Journal of Financial and Quantitative Analysis*, *Journal of Banking and Finance*, among others. Shingo has also been actively involved in the practice of equity portfolio management. He conducted equity portfolio management research at Barclays Global Investors and serves as an advisor to Nomura Asset Management and Research Affiliates. Shingo holds a Ph.D. in finance and an MBA from The Anderson School at UCLA and a bachelor's degree from the University of Tokyo.

## **Nathan Lally**



Nathan Lally is a Senior Machine Learning Modeler at The Hartford Steam Boiler (Munich Re Group) where he focuses on statistical learning applications to IoT sensor data, statistical methods development and oversight, and insurance product pricing models.

## **Cesar Hernandez**



Cesar is a seasoned analyst. He holds a mechanical engineering degree from Venezuela. He graduated from Bentley university in the MBA / MSIT program in 2012. During this time, he completed a professional certification in Analytics. He started his career in analytics at Deloitte, and later moved to Vistaprint where he worked on analytics and data science teams. Most recently he works at Tripadvisor in the product analytics team for Hotels. Most of his current projects involved Machine Learning and Data engineering pipelines. He likes to work on data projects where he can define and create full end-to-end data products: from data tracking, ETLs, Machine learning to production code. When he is not working, or learning new data stuff, he likes to spend time with his family or hiking in New England with his dog Baxter.

## Rebecca Qu



Rebecca (Mengqi) Qu is the Marketing Analytics & Operations Manager at Tufin with experience in various aspects of business analysis and marketing operations including predictive modeling, marketing attribution, ROI analysis, campaign strategy, and lifecycle management. A strong believer in the power of creative thinking in the workplace, Rebecca tests new methodologies helps overcome the challenges of accurately capturing, analyzing, reporting, and getting insights from data.

## **Session 2: Challenges in Data Science (10:40AM–12:10PM)**

Chair: Moinak Bhaduri (Bentley University)

### **Ben Lohnes**



Ben is a Principal Analytic Consultant at Epsilon of the Publicis Groupe in Paris. He is a frequent speaker at New England area events and universities on the topic of Data Storytelling. At Epsilon Ben's passion for storytelling is evident each day as he supports dozens of teams with strategic data communications. In addition to managing analytic projects for a large financial services client, he also teaches classes about making complicated communication simpler and more relevant to audiences. Ben has worked in a variety of industries including Finance, Travel, Healthcare, and Energy. Ben has a B.S. in Applied Economics and Business Management from Cornell University and an M.S. in Business Analytics from Bentley University.

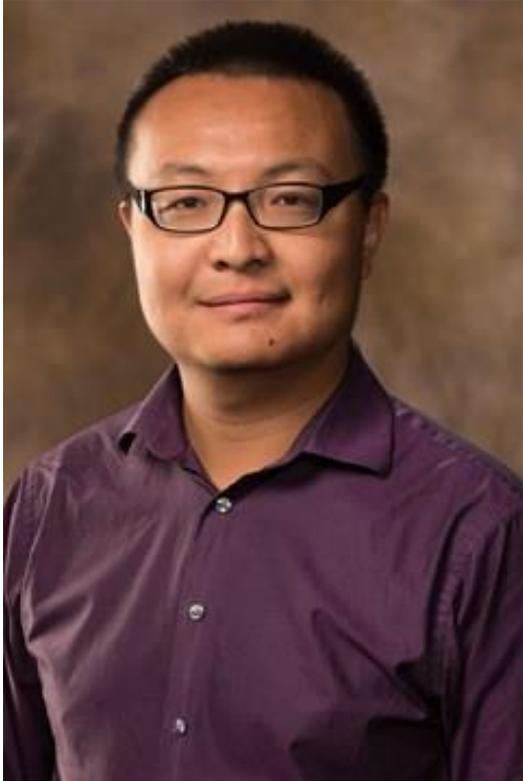
## **Marco Marabelli**



Marco Marabelli is an associate professor of information and process management at Bentley University, where he teaches various courses related to business process management and data analytics. His research, interdisciplinary in nature, spans across the fields of organizational studies, information systems and communication. Marco's focus is on how collaboration and the creation of innovative ideas occurs in organizations and networks and how information technologies can enable or constraint these practices. To study these phenomena, he takes a critical and practice-based approach and conducts ethnographic studies, mainly in the healthcare domain.

Marco's most recent interests concern the ethical issues associated with the widespread diffusion of surveillance technologies and algorithmic-based decision systems, which lead to important discrimination and privacy problems. Marco's research is published in in a variety of leading journals and conference proceedings in his field.

## **Qingyang Zhang**



Dr. Qingyang Zhang is currently an Assistant Professor in the Department of Mathematical Sciences at the University of Arkansas. Before joining UARK, he earned his Ph.D. degree in Statistics from Northwestern University. Dr. Zhang's research interests focus on probabilistic graphical models, especially the Bayesian network inference and semiparametric graphical models, as well as their applications to computational system biology. He has published 15 peer-reviewed papers in Journal of the American Statistical Association, Canadian Journal of Statistics, PLoS Genetics and BMC Systems Biology etc.

## **Reagan Mozer**



Reagan Mozer is an Assistant Professor of Mathematical Sciences at Bentley University who is broadly interested in applied statistics problems in education, political science, and health care. Prior to joining Bentley, she received her PhD in statistics at Harvard University. Her current research interests include the development and application of methods for causal inference with complex data, including text data, randomized experiments complicated by issues such as non-compliance, and observational studies with time-varying treatments.

### **Session 3: Careers in Data Science (1:20PM– 2:50PM)**

Chair: Jing Wu (University of Rhode Island)

#### **Naitee Ting**



Naitee Ting is a Fellow of American Statistical Association (ASA). He is currently a Director in the Department of Biostatistics and Data Sciences at Boehringer-Ingelheim Pharmaceuticals Inc. (BI). He joined BI in September of 2009, and before joining BI, he was at Pfizer Inc. for 22 years (1987-2009). Naitee received his Ph.D. in 1987 from Colorado State University (major in Statistics). He has an M.S. degree from Mississippi State University (1979, Statistics) and a B.S. degree from College of Chinese Culture (1976, Forestry) at Taipei, Taiwan.

Naitee published articles in *Technometrics*, *Statistics in Medicine*, *Drug Information Journal*, *Journal of Statistical Planning and Inference*, *Journal of Biopharmaceutical Statistics*, *Biometrical Journal*, *Statistics and Probability Letters*, and *Journal of Statistical Computation and Simulation*. His book “Dose Finding in Drug Development” was published in 2006 by Springer, and is considered as the leading reference in the field of dose response clinical trials. The book “Fundamental Concepts for New Clinical Trialists”, co-authored with Scott Evans, was published by CRC in 2015. Another book “Phase II Clinical Development of New Drugs”, co-authored with Chen, Ho, and Cappelleri was published in 2017 (Springer). Naitee is an adjunct professor of Columbia University and University of Connecticut. Naitee has been an active member of both the ASA and the International Chinese Statistical Association (ICSA).

## **Kathy Ziff**



Kathy Ziff has worked at Travelers Insurance since 2012 in various roles within Business Intelligence & Analytics. She is currently the Advanced Analytics Recruiter for the Actuarial & Analytics Leadership Development Program, which hires and develops entry-level statisticians and data scientists. Kathy partners with schools across New England to identify top statistical talent interested in pursuing a career in industry. She has an undergraduate degree in Economics from the University of Connecticut.

## Joe Dery



Joe's tenure with Dell EMC began in November of 2011 when he took on the role as one of EMC's first Data Scientists. Today, he serves as the Global Director of Decision Sciences & Automation, supporting both Finance & Sales with a team of over 50 advanced analytics professionals. During his time with Dell EMC, Joe has utilized cross-functional big data, industry-leading technologies, and the newest data science practices to drive action around some of Dell EMC's most complex challenges.

Currently, Joe's organization focuses on: integrated operating plan analytics, forecasting analytics, sales compensation & quota analytics, business solution automation, and analytics training. Outside of Dell EMC, Joe is an Adjunct Lecturer in the Graduate School at Bentley University where he teaches Customer Data Analysis and Quantitative Methods for Business Decisions. Joe holds a PhD in Business with a concentration in Analytics from Bentley University, a Masters in Marketing Analytics from Bentley, and a Bachelors from Babson College with concentrations in Statistical Modeling and Marketing.

## **Andrew Warner**



Drew Warner is a Director of Data Science for Talent Analytics at Liberty Mutual. His team develops data science products for all stages of the employee lifecycle, from hire to turnover. In addition, he is currently a hiring lead for the Liberty Mutual Data Science Graduate Summer Internship Program. Drew has a PhD from Rensselaer Polytechnic Institute in Mathematics. When not at work he spends his free time with his wife and two amazing boys, Alex and Zach.

**Session 4: Workshop - Tableau (1:20PM– 2:50PM)**

Chair: Moinak Bhaduri (Bentley University)

**Ekaterina (Kat) Cleary**



Ekaterina (Kat) Cleary, PhD, is a Professorial Research Associate at the Center for Integration of Science and Industry at Bentley University. She received her BS in Biology/Bioinformatics from UMass Lowell and MS degree in Bioinformatics from Boston University. She holds a PhD in Biomedical Engineering and Biotechnology from UMass Lowell, where her thesis work focused on discovering complex geomedical patterns in Alzheimer's disease. Her current research at Bentley examines the public sector's contribution to the science underlying new drug discovery, as well as the public value created from this science. She also teaches Data Visualization in Bentley's Graduate Business Analytics program.