

Yunlong Feng

Ph.D., Associate Professor

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Department of Mathematics and Statistics

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CURRENT EMPLOYMENT

2023–present: Associate Professor (Tenured)

Department of Mathematics and Statistics, SUNY Albany, NY, USA

EMPLOYMENT HISTORY

2017–2023: Assistant Professor (Tenure-Track)

Department of Mathematics and Statistics, SUNY Albany, NY, USA

2013–2017: Postdoc Researcher, *Machine Learning*

KU Leuven, Leuven, Belgium

Supervisor: Professor Johan A.K. Suykens

2012–2013: Postdoc Researcher, *Machine Learning Theory*

City University of Hong Kong, Hong Kong, China

Supervisor: Professor Ding-Xuan Zhou

EDUCATION

2012: *Ph.D. in Mathematics*

City University of Hong Kong, Hong Kong, China

(Jointly awarded with the University of Science and Technology of China, Hefei, China)

Thesis Title: Kernel-based algorithms in statistical learning theory

Supervisor: Professor Ding-Xuan Zhou

2007: *B.Sc. in Mathematics*

Nankai University, Tianjin, China

RESEARCH INTERESTS

Machine learning theory, methods, and applications

PUBLICATIONS

Please refer to my Google Scholar profile:

<https://scholar.google.com/citations?user=ZzCZc00AAAAJ&hl=en>

PH.D. SUPERVISION

Dr. Ruogu Wang – Thesis defended in August 2023, SUNY Albany

First job: Postdoc Researcher at the Department of Biological Sciences, SUNY Albany

RESEARCH GRANTS

- Co-I. NIH R01DE031213, 2022–2027 (PI: Dr. Alex Valm)
- PI. NSF DMS-2111080, 2021–2025
- PI. Simons Foundation Award 572064, 2018–2023

HONORS

The 2019 *Ralph E. Powe Junior Faculty Enhancement Award* by Oak Ridge Associated Universities.

INSTRUCTED COURSES AT SUNY ALBANY

- Undergraduate-level: Algebra and Calculus I, Elementary Statistics, Calculus I, Calculus of Several Variables, Statistics, Discrete Probability, Applied Statistics
- Graduate-level: Optimization Methods and Nonlinear Programming, Machine Learning, Time Series Analysis

SYNERGISTIC ACTIVITIES

- Associate Editor for Mathematical Foundations of Computing, 2018–present
- Guest Editor for the special issue “Mathematics of Data Science” of the journal of Analysis and Applications
- Panelist for U.S. National Science Foundation (NSF), Division of Mathematical Sciences (DMS)
- Reviewer for U.S. funding agencies such as Simons Foundation, and the Ralph E. Powe Junior Faculty Award by the Oak Ridge Associated Universities; for foreign funding agencies such as the Natural Sciences and Engineering Research Council of Canada (NSERC), the Austrian Science Fund (FWF), the Vienna Science and Technology Fund (WWTF), and the Research Grants Council in Hong Kong
- Book reviewer for publishers such as Cambridge University Press and Springer
- Reviewer for machine learning conferences such as ICML, NeurIPS, SODA, ICLR, IJCAI, and AAAI; for journals such as the Journal of Machine Learning Research, Applied and Computational Harmonic Analysis, and Machine Learning Journal