

# Da-Inn Erika Lee

dlee324@wisc.edu | dyneofdata.github.io | (608) 373-1676

Department of Biostatistics and Medical Informatics  
School of Medicine and Public Health  
University of Wisconsin – Madison

Wisconsin Institute for Discovery  
Room 3241B-1  
330 North Orchard Street Madison WI 53715

## Education

2023, Expected    Ph.D. in Biomedical Data Science, University of Wisconsin - Madison  
2017                M.Sc. in Computer Sciences, University of Wisconsin - Madison  
2011                B.Sc. in Cellular Molecular Biology, University of Michigan – Ann Arbor

## Research & Professional Experience

2018 – Current    Research Assistant under supervision of Sushmita Roy  
University of Wisconsin – Madison, Wisconsin Institute for Discovery, Madison WI  
2014 – 2018        Senior Analytics Consultant  
University of Wisconsin Hospital & Clinics, Madison WI  
2013 – 2014        IT Support and Project Assistant  
University of Wisconsin Graduate School, Madison WI  
2011 – 2013        Software Tester & Quality Assurance  
Epic, Verona WI  
2007 – 2011        Research & Laboratory Assistant under supervision of John J. LiPuma  
University of Michigan Health System, Ann Arbor MI

## Presentations

2018                Lee, D. & Roy, S. (2018, December). *GRINCH: Discovering structural units of chromosomes with graph-regularized matrix factorization*. Poster session presented at the meeting of Regulatory and Systems Genomics with DREAM Challenges, New York, NY.  
2018                Lee, D. & Roy, S. (2018, July). *A graph-regularized non-negative matrix factorization method to discover organizational units of chromosomes*. Talk at the meeting of Intelligent Systems for Molecular Biology (ISMB), Chicago, IL.  
2018                Lee, D. & Kofoot, J. (2018, April). *It takes a village to raise a dashboard: how a distributed stakeholder model empowers self-service analytics*. Invited talk at the meeting of Qonnections, Orlando, FL.  
2018                Lee, D., Becker, A.M., Stephenson, L.L., & Turner, C.R. (2018, January). *Self-service reporting for quantitative provider practice evaluation*. Poster session presented at the meeting of American Society of Anesthesiologists (ASA) Practice Management, New Orleans, LA.

2018 Lee, D. & Turner, C.R. (2018, January). *Operating Room (OR) Key Performance Indicator (KPI) self-service reporting*. Poster session presented at the meeting of American Society of Anesthesiologists (ASA) Practice Management, New Orleans, LA.

## Activities & Affiliations

2019 Curriculum development & instructor for WACM\* machine learning workshop  
2019 Reviewer for ISMB/EECB 2019  
2018 – Current Member of International Society for Computational Biology (ISCB)  
2017 Reviewer for RSGDREAM 2017  
2017 Reviewer for NIPS MLCB 2017  
2016 – 2017 Member of WACM\*  
2016 Mentor for undergraduates in WACM\*  
\*UW-Madison's student chapter for ACM-W (ACM's Women in Computing)

## Awards

2018 Student Research Grants Competition Travel Award  
2009 Hopwood Underclassmen Fiction Award  
2009 James B. Angell Scholar  
2008 William J. Branstorm Freshman Prize  
2007 – 2010 University Honors

## Technical Skills

Database & systems	SQL (Oracle, Microsoft, Teradata), Hadoop, Spark, Linux
Programming languages	Python, C++, Java, R, MATLAB, Julia
Data visualization	QlikView/Qlik Sense, Tableau