Ana Stanescu

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Office Address: University of West Georgia, 1601 Maple Street, Carrollton, GA 30118

PROFESSIONAL APPOINTMENTS	
University of West Georgia, Department of Computing and Mathematics, Carrollton, GA	
Associate Professor of Computer Science	2022 – now
Assistant Professor of Computer Science	2017 - 2022
Icahn Institute of Genomics and Multiscale Biology , Icahn School of Medicine at Mount Sinai Department of Genetics and Genomic Sciences, New York, NY	
Postdoctoral Research Fellow in Machine Learning and Computational Biology	2015 – 2017
Tostuoctoral Research Penow in Machine Learning and Computational Biology	2013 – 2017
EDUCATION	
Ph.D., Computer Science	
• Kansas State University, Computing and Information Sciences Department, Manhattan, KS	2015
Dissertation: "Semi-supervised Learning for Biological Sequence Classification"	
M.S., Computer Science – Secure Software Systems	2000
James Madison University, Computer Science Department, Harrisonburg, VA B.S. Lufermerting	2008
B.S., Informatics	2006
Romanian American University, Faculty of Managerial Informatics, Bucharest, Romania	2000
GRANTS	
High-Potential Individuals Global Training Program - J.C. Seong (PI), Ana Stanescu (co-PI)	2019 - 2023
 Subaward, Funding Agency: Ministry of Science & Information and Communication 	
Technology Planning & Evaluation, South Korea (4 yearly rounds)	
AWADDC	
AWARDS Young Investigator Award	
National Institutes of Health - Big Data to Knowledge (NIH/BD2K)	2018
26th Conference on Intelligent Systems for Molecular Biology (ISMB) Chicago, IL	
PUBLICATIONS	
Refereed Journal Articles	
·	2024
 Mautusi Mitra and Ana Stanescu – Complete Genome Sequence of Acidovorax temperans strain LMJ from a contaminated Chlamydomonas reinhardtii Tris-Acetate-Phosphate medium cul plate. 	
In: American Society for Microbiology Journals Microbiology Resource Announcements (2024) [link]	
Solveig K. Sieberts, Henryk Borzymowski, Yuanfang Guan, (12 authors), Ana Stanescu, (3 authors)	ors), 2023
the BEAT-PD DREAM Challenge Consortium et al. – Developing better digital health meas	
of Parkinson's disease using free living data and a crowdsourced data analysis challenge.	
In: PLOS Digital Health (2023) [link]	2023
• Jeong Seong, Yunsik Kim, Hyewon Goh, Hyunmin Kim, and Ana Stanescu – Measuring Traffic Congestion with Novel Metrics: A Case Study of Six U.S. Metropolitan Areas	2025
In: International Society for Photogrammetry and Remote Sensing - International Journal of G	eo-
Information: Vol. 12, Issue 3, Article 130 (ISPRS IJGI 2023) [link]	
• Jeong Seong, Chul Sue Hwang, Ana Stanescu, Youngho Lee, Yubin Lee – What Geograph	ners 2022
Research: An Analysis of Geography Topics, Clusters, and Trends Using a Keyword	
Network Analysis Approach and the 2000-2019 AAG Conference Presentations	
In: Int'l Journal of Geospatial and Environmental Research: Vol. 9, No. 1, Article 1. (IJGER 2022)	

•	Ana Stanescu, Jeong Chang Seong, Yubin Lee, and Chul Sue Hwang – A Picture of	2022
	Geography Revealed by a Keyword Network Analysis of the 2020 AAG Conference. In: Journal of the Korean Geographical Society, Vol. 56, No. 3, pages 177-187. (JKGS 2022)	
•	Sanghoon Ji, Jeong Seong, Ana Stanescu, Chul Sue Hwang, Yubin Lee – Construction of spatio-temporal data and analysis of congestion patterns using real-time traffic information from Google - Case of Montgomery County, Maryland, USA In: Journal of the Korean Geographical Society, Vol. 56, No. 3, pages 265 - 276	2021
•	Youngho Lee, Yubin Lee, Jeong Seong, Ana Stanescu, Chul Sue Hwang – A Comparison of Network Clustering Algorithms in Keyword Network Analysis: A Case Study with Geography Conference Presentations. In: International Journal of Geospatial and Environmental Research, Vol. 7, No. 1, Article 1 (IJGER2020)	2020
•	Yubin Lee, Youngho Lee, Jeong Seong, Ana Stanescu, Taegun Hwang, Chul Sue Hwang – Analysis of GIS Research Trends in US with AAG Conference Presentations from 2000-2019. In: The Geographical Journal of Korea, Vol. 53, No. 4, pp. 495-508	2020
•	Fourati S, Talla A, Mahmoudian M, Burkhart JG, Klen R, (10 authors), Ana Stanescu , Vogel R, The Respiratory Viral DREAM Challenge Consortium, Pandey G, (6 authors), Mangravite LM, Sieberts SK. – A crowdsourced analysis to identify ab initio molecular signatures predictive of susceptibility to viral infection. In: <i>Nature Communications</i> (9:4418)	2018
•	Ana Stanescu and Doina Caragea – An empirical study of self-training and data balancing techniques for splice site prediction In: International Journal of Bioinformatics Research and Applications, Vol. 13, No. 1, pp. 40-61	2017
•	Ana Stanescu, Karthik Tangirala, and Doina Caragea – Predicting Alternatively Spliced Exons Using Semi-Supervised Learning In: International Journal of Data Mining and Bioinformatics; Volume 14, No. 1, pp. 1-21	2016
•	Ana Stanescu and Doina Caragea – An empirical study of ensemble-based semi- supervised learning approaches for imbalanced splice site datasets. In: BMC Systems Biology; Volume 9, Supplement 5, S1	2015
Refere	ed Conference Proceedings Papers	
	tu Conference i rocceumgs i apers	
•	Steven Benzel, Ana Stanescu, and Ping Ye – SOTU: A Motivational Example for Data Science Courses	2024
•	Steven Benzel, Ana Stanescu, and Ping Ye – SOTU: A Motivational Example for Data Science Courses In: The Annual ACM Southeast Conference (ACM-SE 2024) Marietta, GA Sanghoon Ji, Jeong Seong, Yubin Lee, Ana Stanescu, Chul Sue Hwang – Rush Hour Crashes and Speeding Analysis with Traffic Big Data	
•	Steven Benzel, Ana Stanescu , and Ping Ye – SOTU: A Motivational Example for Data Science Courses In: The Annual ACM Southeast Conference (ACM-SE 2024) Marietta, GA Sanghoon Ji, Jeong Seong, Yubin Lee, Ana Stanescu , Chul Sue Hwang – Rush Hour Crashes	2020
•	Steven Benzel, Ana Stanescu, and Ping Ye – SOTU: A Motivational Example for Data Science Courses In: The Annual ACM Southeast Conference (ACM-SE 2024) Marietta, GA Sanghoon Ji, Jeong Seong, Yubin Lee, Ana Stanescu, Chul Sue Hwang – Rush Hour Crashes and Speeding Analysis with Traffic Big Data In: Sustainable Development & The Future, US-Korea Conference (UKC 2020) Steven Benzel and Ana Stanescu – Histogram methods for unsupervised clustering. In: The Annual ACM Southeast Conference (ACM-SE 2020) Tampa, FL Jonathan Corley, Ana Stanescu, Lewis Baumstark, Michael Orsega – Paper Or IDE? The Impact of Exam Format on Student Performance in a CS1 Course. In: The 51st ACM Technical Symposium on Computer Science Education Proceedings (ACM SIGCSE)	2020
•	Steven Benzel, Ana Stanescu, and Ping Ye – SOTU: A Motivational Example for Data Science Courses In: The Annual ACM Southeast Conference (ACM-SE 2024) Marietta, GA Sanghoon Ji, Jeong Seong, Yubin Lee, Ana Stanescu, Chul Sue Hwang – Rush Hour Crashes and Speeding Analysis with Traffic Big Data In: Sustainable Development & The Future, US-Korea Conference (UKC 2020) Steven Benzel and Ana Stanescu – Histogram methods for unsupervised clustering. In: The Annual ACM Southeast Conference (ACM-SE 2020) Tampa, FL Jonathan Corley, Ana Stanescu, Lewis Baumstark, Michael Orsega – Paper Or IDE? The Impact of Exam Format on Student Performance in a CS1 Course.	2024 2020 2020 2020 2017

	Ana Stanescu and Doina Caragea – Transductive Learning Approaches for Predicting Cassette Exons. In: Proceedings of the Conference on Computational Intelligence in Bioinformatics and Computational Biology	2015
_	(IEEE CIBCB 2014), Niagara Falls, Canada [Regular Paper] Ana Stanescu and Doina Caragea – Ensemble-based Semi-supervised Learning	2014
•	Approaches for Imbalanced Splice Site Datasets.	2017
	In: Proceedings of the 2014 International Conference on Bioinformatics and Biomedicine (IEEE BIBM 2014), Belfast, United Kingdom	
•	Ana Stanescu and Doina Caragea – Semi-supervised Self-training Approaches for Imbalanced Splice Site Datasets.	2014
	In: Proceedings of the 6 th International Conference on Bioinformatics and Computational Biology (BICoB 2014), Las Vegas, NV [Regular Paper]	
•	Ana Stanescu, Swapnil Nagar, Doina Caragea – A Hybrid Recommender System: User Profiling from Keywords and Ratings.	2013
	In: Proceedings of the 2013 IEEE/WIC/ACM International Conference on Web Intelligence (IEEE WI)	
•	Srilaxmi Cheeti, Ana Stanescu, and Doina Caragea – Cross-Domain Sentiment	2013
	Classification Using an Adapted Naïve Bayes Approach and Features Derived from Syntax Trees.	
	In: Proceeding of the 5 th International Conference on Knowledge Discovery and Information Retrieval (KDIR 2013), Vilamoura, Portugal, [Acceptance rate 39%]	
•	Ana Stanescu and Doina Caragea – Semi-supervised Learning of Alternatively Spliced	2012
	Exons Using Expectation Maximization Type Approaches.	
	In: Proceedings of the 3rd International Conference on Bioinformatics Models, Methods and Algorithms (BIOINFORMATICS2012), Vilamoura, Algarve, Portugal (SciTePress Digital Library)	
Other 7	Fechnical or Data Publications	
•	Mautusi Mitra and Ana Stanescu – Complete Genome Sequence of Acidovorax temperans	2023
	strain LMJ from a contaminated <i>Chlamydomonas reinhardtii</i> culture plate.	
	strain LMJ from a contaminated <i>Chlamydomonas reinhardtii</i> culture plate. In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677	
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/	2023
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677	2023
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu – Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ CP117996.1 (comprises 1 sequence) In: NCBI (National Center for Biotechnology Information)	2023
	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu – Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ CP117996.1 (comprises 1 sequence)	
	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu – Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ CP117996.1 (comprises 1 sequence) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu – Acidovorax temperans strain LMJ chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP117193.1 (comprises 3 sequences)	
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu – Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ CP117996.1 (comprises 1 sequence) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu – Acidovorax temperans strain LMJ chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP117193.1 (comprises 3 sequences) In: NCBI (National Center for Biotechnology Information)	2023
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu — Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ CP117996.1 (comprises 1 sequence) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu — Acidovorax temperans strain LMJ chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP117193.1 (comprises 3 sequences) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu — Sphingobium yanoikuyae strain CC4533 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP115456.1 (comprises 5 sequences)	2023
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu – Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ CP117996.1 (comprises 1 sequence) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu – Acidovorax temperans strain LMJ chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP117193.1 (comprises 3 sequences) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu – Sphingobium yanoikuyae strain CC4533 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP115456.1 (comprises 5 sequences) In: NCBI (National Center for Biotechnology Information) Jeong Chang Seong, Sanghoon Ji, Ana Stanescu, and Chul Sue Hwang – What will be presented at the 2021 AAG Meeting? [article] In: The American Association of Geographers Newsletter, April 2, 2021 Jeong Chang Seong, Chul Sue Hwang, Ana Stanescu, Yubin Lee, and Youngho Lee – What will be presented at the 2020 AAG Meeting? [DOI: 10.14433/2017.0068]	2023
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu – Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ CP117996.1 (comprises 1 sequence) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu – Acidovorax temperans strain LMJ chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP117193.1 (comprises 3 sequences) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu – Sphingobium yanoikuyae strain CC4533 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP115456.1 (comprises 5 sequences) In: NCBI (National Center for Biotechnology Information) Jeong Chang Seong, Sanghoon Ji, Ana Stanescu, and Chul Sue Hwang – What will be presented at the 2021 AAG Meeting? [article] In: The American Association of Geographers Newsletter, April 2, 2021 Jeong Chang Seong, Chul Sue Hwang, Ana Stanescu, Yubin Lee, and Youngho Lee – What will be presented at the 2020 AAG Meeting? [DOI: 10.14433/2017.0068] In: The American Association of Geographers Newsletter, February 25, 2020	2023 2023 2021 2020
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu — Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ_CP117996.1 (comprises 1 sequence) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu — Acidovorax temperans strain LMJ chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP117193.1 (comprises 3 sequences) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu — Sphingobium yanoikuyae strain CC4533 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP115456.1 (comprises 5 sequences) In: NCBI (National Center for Biotechnology Information) Jeong Chang Seong, Sanghoon Ji, Ana Stanescu, and Chul Sue Hwang — What will be presented at the 2021 AAG Meeting? [article] In: The American Association of Geographers Newsletter, April 2, 2021 Jeong Chang Seong, Chul Sue Hwang, Ana Stanescu, Yubin Lee, and Youngho Lee — What will be presented at the 2020 AAG Meeting? [DOI: 10.14433/2017.0068] In: The American Association of Geographers Newsletter, February 25, 2020 Ana Stanescu, Ramon A. Mata-Toledo, Pranshu Gupta — Machine Learning	2023 2023 2021
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu – Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ_CP117996.1 (comprises 1 sequence) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu – Acidovorax temperans strain LMJ chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP117193.1 (comprises 3 sequences) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu – Sphingobium yanoikuyae strain CC4533 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP115456.1 (comprises 5 sequences) In: NCBI (National Center for Biotechnology Information) Jeong Chang Seong, Sanghoon Ji, Ana Stanescu, and Chul Sue Hwang – What will be presented at the 2021 AAG Meeting? [article] In: The American Association of Geographers Newsletter, April 2, 2021 Jeong Chang Seong, Chul Sue Hwang, Ana Stanescu, Yubin Lee, and Youngho Lee – What will be presented at the 2020 AAG Meeting? [DOI: 10.14433/2017.0068] In: The American Association of Geographers Newsletter, February 25, 2020 Ana Stanescu, Ramon A. Mata-Toledo, Pranshu Gupta – Machine Learning In: McGraw-Hill Education [Research Review in [AccessScience]	2023 2023 2021 2020
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu — Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ_CP117996.1 (comprises 1 sequence) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu — Acidovorax temperans strain LMJ chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP117193.1 (comprises 3 sequences) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu — Sphingobium yanoikuyae strain CC4533 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP115456.1 (comprises 5 sequences) In: NCBI (National Center for Biotechnology Information) Jeong Chang Seong, Sanghoon Ji, Ana Stanescu, and Chul Sue Hwang — What will be presented at the 2021 AAG Meeting? [article] In: The American Association of Geographers Newsletter, April 2, 2021 Jeong Chang Seong, Chul Sue Hwang, Ana Stanescu, Yubin Lee, and Youngho Lee — What will be presented at the 2020 AAG Meeting? [DOI: 10.14433/2017.0068] In: The American Association of Geographers Newsletter, February 25, 2020 Ana Stanescu, Ramon A. Mata-Toledo, Pranshu Gupta — Machine Learning	2023 2023 2021 2020 2018
•	In: DOE KBase (Department of Energy Systems Biology Knowledgebase) https://kbase.us/n/161632/357/https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu — Microbacterium sp. Clip185 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ CP117996.1 (comprises 1 sequence) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu — Acidovorax temperans strain LMJ chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP117193.1 (comprises 3 sequences) In: NCBI (National Center for Biotechnology Information) Mautusi Mitra and Ana Stanescu — Sphingobium yanoikuyae strain CC4533 chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/CP115456.1 (comprises 5 sequences) In: NCBI (National Center for Biotechnology Information) Jeong Chang Seong, Sanghoon Ji, Ana Stanescu, and Chul Sue Hwang — What will be presented at the 2021 AAG Meeting? [article] In: The American Association of Geographers Newsletter, April 2, 2021 Jeong Chang Seong, Chul Sue Hwang, Ana Stanescu, Yubin Lee, and Youngho Lee — What will be presented at the 2020 AAG Meeting? [DOI: 10.14433/2017.0068] In: The American Association of Geographers Newsletter, February 25, 2020 Ana Stanescu, Ramon A. Mata-Toledo, Pranshu Gupta — Machine Learning In: McGram-Hill Education [Research Review in [AccessScience] Pranshu Gupta, Ana Stanescu, Ramon A. Mata-Toledo — Internet of Things	2023 2023 2021 2020 2018

Posters and Talks

•	Jeong Seong, Yunkik Kim, Hyewon Goh, Ana Stanescu – Development of a Traffic Congestion Index from Spatiotemporal Big Data for Urban Transportation Research and Applications	2023
	In: AAG Annual Meeting (AAG 2023)	
•	Yunkik Kim, Jeong Seong, Hyewon Goh, Ana Stanescu – Modeling the Probabilities of Vehicle Crashes Using Machine Learning Methods with Congestion Amounts and Spatiotemporal Features at Montgomery County, Maryland In: AAG Annual Meeting (AAG 2023)	2023
•	Hyewon Goh, Jeong Seong, Yunkik Kim, Ana Stanescu – Does Traffic Congestion Increase Vehicle Crashes? A Regional Scale Study with a Novel Congestion Index and Machine Learning Methods	2023
•	In: AAG Annual Meeting (AAG 2023) Mautusi Mitra, Ana Stanescu, Kevin Nguyen, Taylor Berry – Whole genome sequencing of a novel bacterial strain isolated from a contaminated green-micro algal culture plate provides insight into its metabolome involved in heavy metal tolerance and xenobiotic biodegradation.	2022
•	In: International Seminar on Plants and Microbes: Health & Food (12/28-29/2022) Calcutta, India Seorim Cho, Hyeokjin Hong, Hyunmin Kim, JC Seong, Ana Stanescu, Chul Sue Hwang – Detecting Water Quality Changes by Landsat 8 OLI: A Case Study of Taedong River,	2022
	North Korea In: AAG Annual Meeting (AAG 2022)	
•	Hyeokjin Hong, Hyunmin Kim, Seorim Cho, JC Seong, Ana Stanescu , Chul Sue Hwang – Traffic Big-data Analysis with Google Maps: Atlanta, Georgia, 2021 In: 76th Annual Meeting of the Southeastern Division of the American Association of Geographers (SEDAAG 2021) Florence, AL	2021
•	Youngho Lee, Yubin Lee, Ana Stanescu, Jeong Seong – Summarizing the 2019 AAG Conference Presentations Using Keyword Network Analysis. In: The 74th Annual Meeting of the Southeastern Division of the American Association of Geographers (SEDAAG 2019) Wilmington, NC	2019
•	Adel Abunawass, Ana Stanescu , Alexandra Young, and Edwin Rudolph – It Taketh a Village: Social Equity and Educational Access in Higher Ed.	2019
•	In: Conference on Meaningful Living and Learning in a Digital World; February 4-6, 2019, Savannah, GA Ana Stanescu and Gaurav Pandey – Integrating heterogeneous predictive models using Reinforcement Learning.	2018
	In: 26th Conference on Intelligent Systems for Molecular Biology (ISMB)- Machine Learning in Computational and Systems Biology (MLCSB) track; July 6-11, 2018, Chicago, IL [20-minute talk and poster presentation, acceptance rate 12%]	
•	Ana Stanescu, Mehmet Eren Ahsen, Robert Vogel, Gustavo Stolovitzky, Solveig K. Sieberts, and Gaurav Pandey – Crowdsourced ensembles for the DREAM Respiratory Viral (RV)	2017
	Challenge. In: RECOMB/ISCB Conference on Regulatory and Systems Genomics, with DREAM Challenges (RECOMB/ISCB RSG 2017) November 19-22, 2017, New York, NY	
•	Ana Stanescu and Gaurav Pandey – Learning parsimonious ensembles for biomedical prediction problems and DREAM challenges. In: RECOMB/ISCB Conference on Regulatory and Systems Genomics with DREAM Challenges and	2016
	Cytoscape Workshop (RECOMB/ISCB 2016)	2011
•	Ana Stanescu, Doina Caragea – Semi-supervised learning of alternatively spliced exons. In: <i>Proceedings of the 2011 Regional ACM/MINK-WIC Conference</i> , October 7-8, 2011, Kansas City, MO (Best Poster Award)	2011
•	Ana Stanescu, Doina Caragea, and Susan J. Brown – Semi-supervised learning approaches for biological sequences. In: ACM/CRA-W Grad Cohort Workshop, April 1-2, 2011, Boston, MA	2011

PROFESSIONAL SERVICE Grant Panel Reviewer

FROTESSIONAL SERVICE	
Grant Panel Reviewer	
 NSF Computer and Information Science and Engineering (CISE) 	2021
Journal Article Reviewer	
 IEEE Transactions on Neural Networks and Learning Systems 	2018 - present
 ACM Transactions on Knowledge Discovery from Data 	2018
IEEE Transactions on Cybernetics	2016, 2018, 2023
 IEEE Transactions on Computational Biology and Bioinformatics 	2017
• IEEE Access	2017
Conference Article Sub-reviewer	
 IEEE International Conference on Data Science and Advanced Analytics 	2019 - present
 ISMB European Conf. on Computational Biology 	2019
 IJCAI Bioinformatics and Artificial Intelligence Workshop 	2016
• ACM Conference on Bioinformatics, Computational Biology, and Health Informatics	2015
 IEEE International Symposium on Bioinformatics Research and Applications 	2012 - 2015
 IEEE International Conf. on Bioinformatics and Biomedicine 	2013
IEEE International Conf. on Computational Advances in Bio and Medical Sciences	2012
INVITED TALKS	
• The University System of Georgia Women in Technology (WIT) Summit, Carrollton, GA	2018
Speaker Series in the Computer Science Dept. at James Madison University, Harrisonburgers	rg, VA 2014
CERTIFICATES	
NASA's Applied Remote Sensing Training Program	
Certification of completion - <u>Using Google Earth Engine for Land Monitoring Application</u>	ations 2021
United States Committee on National Security Systems	
 Certification for Information Systems Security Professionals 	2008
OTHER	
Outstanding Undergraduate Teacher	
 Based on the votes of the Computer Science undergraduate students (AY2023 – 2024) 	2024
• Based on the votes of the Computer Science undergraduate students (AY2020 – 2021)	2021