Ana Stanescu

http://www.westga.edu/~astanesc/

astanesc@westga.edu

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

PROFESSIONAL APPOINTMENTS

1 ROI Eddio NAE AL LOI VINE IVIO	
University of West Georgia, Department of Computing and Mathematics, Carrollton, GA	
• Associate Professor of Computer Science 202	22 – now
• Assistant Professor of Computer Science 202	17 – 2022
Icahn Institute of Genomics and Multiscale Biology, Icahn School of Medicine at Mount Sinai Department of Genetics and Genomic Sciences, New York, NY	
•	15 – 2017
1 Ostdoctoral Research Pellow in Machine Learning and Computational Biology 20.	13 – 2017
EDUCATION	
Ph.D., Computer Science	
 Kansas State University, Computing and Information Sciences Department, Manhattan, KS 	2015
M.S., Computer Science – Secure Software Systems	
James Madison University, Computer Science Department, Harrisonburg, VA	2008
B.S., Informatics	
Romanian American University, Faculty of Managerial Informatics, Bucharest, Romania	2006
GRANTS	
High-Potential Individuals Global Training Program - J.C. Seong (PI), Ana Stanescu (co-PI)	19 – 2023
Subaward, Funding Agency: Ministry of Science & Information and Communication	
Technology Planning & Evaluation, South Korea (4 yearly rounds)	
AWARDS	
Young Investigator Award	2018
 National Institutes of Health - Big Data to Knowledge (NIH/BD2K) 26th Conference on Intelligent Systems for Molecular Biology (ISMB) Chicago, IL 	2016
20 Conference on intelligent systems for Molecular biology (ISMb) Chicago, IL	
PUBLICATIONS	
Refereed Journal Articles	
Mautusi Mitra, Ana Stanescu – Complete genome sequence of <i>Microbacterium</i> sp. strain	2025
Clip185. In: American Society for Microbiology Journals Microbiology Resource Announcements (2025) [link]	
Mautusi Mitra and Ana Stanescu – Complete Genome Sequence of Acidovorax temperans	2024
strain LMJ from a contaminated <i>C. reinhardtii</i> Tris-Acetate-Phosphate medium culture plate	e .
In: American Society for Microbiology Journals Microbiology Resource Announcements (2024) [link]	
Solveig K. Sieberts, Henryk Borzymowski, Yuanfang Guan, (12 authors), Ana Stanescu, (3 authors)	
the BEAT-PD DREAM Challenge Consortium et al. – Developing better digital health measure	S
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	2023
Congestion with Novel Metrics: A Case Study of Six U.S. Metropolitan Areas In: International Society for Photogrammetry and Remote Sensing - International Journal of Geo-	
Information: Vol. 12, Issue 3, Article 130 (ISPRS I[GI 2023) [link]	
Jeong Seong, Chul Sue Hwang, Ana Stanescu, Youngho Lee, Yubin Lee – What Geographers	2022
Research: An Analysis of Geography Topics, Clusters, and Trends Using a Keyword Networ	k
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)	

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	Ana Stanescu, Jeong Chang Seong, Yubin Lee, and Chul Sue Hwang – A Picture of 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)	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.	2020
•	In: International Journal of Geospatial and Environmental Research, Vol. 7, No. 1, Article 1 (IJGER2020) 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.	2018
	In: Nature Communications (9:4418)	
•	Ana Stanescu and Doina Caragea – An empirical study of self-training and data balancing techniques for splice site prediction	2017
•	In: International Journal of Bioinformatics Research and Applications, Vol. 13, No. 1, pp. 40-61 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
	supervised learning approaches for imbalanced splice site datasets.	
	supervised learning approaches for imbalanced splice site datasets. In: BMC Systems Biology; Volume 9, Supplement 5, S1	
Refere	In: BMC Systems Biology; Volume 9, Supplement 5, S1 ed Conference Proceedings Papers	
Refere ●	In: BMC Systems Biology; Volume 9, Supplement 5, S1 ed Conference Proceedings Papers Steven Benzel, Ana Stanescu, and Ping Ye – SOTU: A Motivational Example for Data Science Courses	2024
Refere •	ed Conference Proceedings Papers 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	2024
• •	ed Conference Proceedings Papers 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	
•	ed Conference Proceedings Papers 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
•	ed Conference Proceedings Papers 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.	2020

	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 Approaches for Imbalanced Splice Site Datasets.	2014
	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	2014
	Imbalanced Splice Site Datasets.	
	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	2013
	Profiling from Keywords and Ratings.	
	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	2013
	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 '	Γechnical 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.	
	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	
•	https://commons.datacite.org/doi.org/10.25982/161632.357/2228677 Mautusi Mitra and Ana Stanescu – Microbacterium sp. Clip185 chromosome, complete	2023
•	Mautusi Mitra and <u>Ana Stanescu</u> – <i>Microbacterium sp. Clip185</i> chromosome, complete genome: https://www.ncbi.nlm.nih.gov/nuccore/NZ CP117996.1 (comprises 1 sequence)	2023
•	Mautusi Mitra and <u>Ana Stanescu</u> – <i>Microbacterium sp. Clip185</i> 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 – 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,	2023 2023
	Mautusi Mitra and <u>Ana Stanescu</u> – <i>Microbacterium sp. Clip185</i> 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 – 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,	
•	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
•	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]	2023
•	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
•	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
•	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
•	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 2018
•	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] Pranshu Gupta, Ana Stanescu, Ramon A. Mata-Toledo – Internet of Things	2023 2023 2021 2020
•	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 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

2024

2021

PROFESSIONAL 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 2018 ACM Transactions on Knowledge Discovery from Data **IEEE Transactions on Cybernetics** 2016, 2018, 2023 2017 IEEE Transactions on Computational Biology and Bioinformatics 2017 **IEEE Access** 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 2012 - 2015 IEEE International Symposium on Bioinformatics Research and Applications 2013 IEEE International Conf. on Bioinformatics and Biomedicine IEEE International Conf. on Computational Advances in Bio and Medical Sciences 2012 **INVITED TALKS** 2018 The University System of Georgia Women in Technology (WIT) Summit, Carrollton, GA 2014 Speaker Series in the Computer Science Dept. at James Madison University, Harrisonburg, VA **CERTIFICATES** NASA's Applied Remote Sensing Training Program 2021 Certification of completion - Using Google Earth Engine for Land Monitoring Applications United States Committee on National Security Systems Certification for Information Systems Security Professionals 2008 **OTHER**

Based on the votes of the Computer Science undergraduate students (AY2023 - 2024)

Based on the votes of the Computer Science undergraduate students (AY2020 – 2021)

Outstanding Undergraduate Teacher