Georgia Distinguished Cancer Scholar
The Wallace H. Coulter Distinguished Faculty Fellow,
Professor and Director of Biomedical Big Data Initiative,
Petit Institute Faculty Fellow, Kavli Fellow,
AIMBE Fellow, IAMBE Fellow, IEEE Fellow
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Bio-Sketch: Dr. May Dongmei Wang is Wallace H. Coulter Distinguished Faculty Fellow and full professor in BME and ECE at Georgia Institute of Technology (**GT**) and Emory University (**EU**). Her research is in _Biomedical Big Data with AI-Driven Intelligent Reality for predictive, personalized, and precision health (pHealth)._ She has 20+ years academic professorship and ~4 years industrial experience. She published 260+ peer-reviewed articles in referred journals and conference proceedings with ~13,600 Google Scholar citations, and delivered 250+ invited and keynote lectures.

Dr. Wang is the Director of Biomedical Big Data Initiative, a Georgia Distinguished Cancer Scholar, a Petit Institute Faculty Fellow, a Kavli Fellow, a AIMBE Fellow, an IAMBE Fellow, an IEEE Fellow, and a member of Board of Directors in American Board of AI in Medicine (**ABAIM**).

Dr. Wang is the Senior Editor for IEEE Journal of Biomedical & Health Informatics (J-**BHI**), an Associate Editor for IEEE Transactions for BME, and IEEE Reviews for BME, a regular panelist for NIH CDMA (Clinical Data Management and Analysis) study section, NSF Smart and Connect Health, Brain Canada, and multiple European countries. She co-organizes **_IEEE Healthcare Summit on Integrating BHI and AI to Combat Pandemics_**, and IEEE-JBHI Special Issue on **_AI-driven Informatics, Sensing, Imaging and Big Data Analytics for Fighting the COVID-19 Pandemic_**. Dr. Wang grows Biomedical and Health Informatics communities over 12 years. In 2022, Dr. Wang serves in IEEE Future Directions Committee. In 2021, she is elected to International Academy of Medical and Biological Engineering (IAMBE) Executive Committee. She serves as Chair for IEEE Biomedical and Health Informatics Technical Committee, and ACM Special Interest Group in Bioinformatics. During 2018-2020, she was Carol Ann and David Flanagan Distinguished Faculty Fellow at **GT**. During 2023-2024 and 2017-2019, she was elected IEEE-Engineering in Medicine and Biology Society Vice President.

In 2021-2022, Dr. Wang is selected into Georgia Tech Provost Emerging Leaders Program. During 2015-2017, she was **GT** Biomedical Informatics Program Co-Director in Atlanta Clinical and Translational Science Institute (ACTSI), and 2016 IEEE-EMBS Annual Conference Chair. During 2014-2015, she was IEEE-EMBS Distinguished Lecturer, and an Emerging Area Editor for Proceedings of National Academy of Sciences. **_Before 2016, Dr. Wang was Director of Bioinformatics and Biocomputing Core in NIH National Cancer Institute-sponsored U54 Center for Cancer Nanotechnology Excellence_**, and Co-Director of Georgia-Tech Center of Bio-Imaging Mass Spectrometry for over 10 years.

Dr. Wang received BEng from Tsinghua University China, and MS with PhD degrees from **GT**. She is a recipient of **Georgia Tech** Outstanding Faculty Mentor Award, and **Emory University** MilliPub Award (for a high-impact paper that is cited over 1,000 times). Her research has been supported by NIH, NSF, CDC, Georgia Research Alliance, Georgia Cancer Coalition, Shriners' Hospitals for Children, Children's Health Care of Atlanta, Enduring Heart Foundation, Coulter Foundation, Microsoft Research, HP, UCB, and Amazon.