

Rose Qingyang Hu

Awards. She is currently serving as a Board Member for IEEE ComSoc and ASEE Engineering Research Council, and the upcoming Editor-in-Chief for the highly influential IEEE Communications Magazine starting January 2024.

Rose Qingyang Hu

**2024 D. Wynne Thorne Career
Research Award Recipient**

**College of Engineering | Electrical &
Computer Engineering**



Dr. Rose Hu is internationally known for her work in 4G/5G wireless networks design, modeling/performance evaluation, and technology standardization. Her distinguished research career encompasses fifteen years of academic research and teaching, coupled with a decade of industrial research and development. She has consistently addressed the foremost research challenges in 4G/5G wireless communication and networks, as well as distributed collaborative AI and machine learning within 5G networks. She has published 6 books, 4 book chapters, 310+ papers in leading IEEE journals and conferences with a GS citation 14,300+, and holds 29 patents. In 2020, she attained the prestigious honor of being elected as a Fellow of IEEE, a distinction conferred upon only 0.1% of the entire voting membership each year. Her research has been widely recognized through many other research honors and awards, including IEEE Distinguished Lecturer 2014-2022, National Institute of Standards and Technology Communication Technology Laboratory Innovator 2020, Faculty Researcher of the Year (2014/2016 ECE; CoE 2014), Outstanding Graduate Mentor of the Year (2022 USU), four IEEE Best Paper