



## PAIR Program Headshot & Bio Template

Direct Questions to [PAIR Helpdesk](#) or [Sabrina.christian@jh.edu](mailto:Sabrina.christian@jh.edu)



### **Dr. Martine De Cock**

Professor of Computer Science

Research Interests: Privacy-Preserving Machine Learning, Applied Machine Learning

Paragraph: Martine De Cock, PhD, is a professor at the School of Engineering and Technology, University of Washington Tacoma. Dr. De Cock's

research interests include privacy preserving machine learning, cybersecurity, and machine learning to improve the quality of healthcare. Her research has been supported by Microsoft, Meta, and Infoblox, among others. Her team was a prize finalist in the U.S.-UK Privacy Enhancing Technologies Prize Challenge, hosted by NSF, and in NIH supported competitions on secure genome analysis.



**Dr. Weichao Yuwen**

Associate Professor of Nursing and Healthcare Leadership

Research Interests: Health Equity, Health Informatics, Symptom Management in Chronic Illness

Paragraph: Weichao Yuwen, PhD, is an associate professor at the School of Nursing and Healthcare Leadership, University of Washington Tacoma. Dr. Yuwen's research has been funded by NIH, the Rita & Alex Hillman Foundation, and the University of Washington. Her scholarship focuses on examining the interplay of culture and health and developing technology-enabled solutions to promote health among marginalized individuals, families, and communities.



**Dr. Ling-Hong Hung**

Assistant Research Professor of Computer Science

Research Interests: Bioinformatics, Data Science, Cancer Genomics, Precision Medicine

Paragraph: Ling-Hong Hung, PhD, is an assistant research professor at the School of Engineering and Technology, University of Washington Tacoma. Dr. Hung's formal training is in developmental biology, structural biology and mathematics. His current interests are in applying fast, optimized, parallel computational methods to big data, whether that data comes from protein structures, gene sequencing, gene expression or small-molecule/protein interactions.