Laboratory-Driven Engineering Education
- Student motivation
- Laboratory learning in informal settings
- Flipped classroom instruction
- Outcome assessment

Telemedicine and Telehealth
- Home care device design
- Long-term monitoring sensor design
- Wireless-enabled devices
- Pre-clinic test and analysis

Control System Design
- Mechatronics
- Dynamic system modeling
- Control system specifications
- Control system integration

Dr. Jason Yao
Professor, Electrical Engineering Concentration Coordinator
Department of Engineering
ECU College of Engineering and Technology
Office: Slay 203
Phone: 252-737-1029
E-mail: yaoj@ecu.edu