

**Faculty Name:**

Alex Meng

**Faculty Email:**

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**Lab:**

Lightwave Research Lab

**Project Title:**

Advancing Photonic Chip Technology: Design, Testing and Optimization

**Description:**

This project centers on the testing and optimization of photonic chips within the university lab setting. Leveraging state-of-the-art equipment and methodologies, our research aims to evaluate the performance, reliability, and efficiency of photonic chips for various applications. Through rigorous testing protocols, we seek to identify potential improvements and innovative solutions that can enhance the capabilities of these photonic devices. The project not only contributes to the advancement of photonic chip technology but also provides valuable insights for future applications in communication, sensing, and computation.

**Location of Research:**

On Site

**# of hrs/week:**

20

**Department/Program:**

Electrical Engineering

**Eligibility:**

BS, Third Year, BS, Fourth Year, MS

**To apply, please contact:**

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