

CERTIFICATE OF ——— EXCELLENCE

Presented by
The Electrical Engineering and Computer Science Department
is hereby awarded to

Yanbo Bai

*in recognition of your exceptional performance and innovative
contributions as the*

**Outstanding Ph.D. Thesis
2010~2011**

**“High Wall Plug Efficiency Quantum Cascade Lasers”
Advisor – Professor Manijeh Razeghi**

Alok N. Choudhary, Chairman

May 31, 2011

