

**Dr. Melissa G. Choi**  
**MIT Lincoln Laboratory**  
**Vice Chair, USAF Scientific Advisory Board**



**EDUCATION**

North Carolina State University  
Ph.D., Applied Mathematics, 1999  
Ithaca College  
B.A., Mathematics, 1994

**WORK EXPERIENCE**

MIT Lincoln Laboratory  
Division Head, Homeland Protection and Air Traffic Control 2014-Present  
Assistant Division Head, ISR and Tactical Systems, 2013-2014  
Group Leader, Active Optical Systems, 2012-2013  
Group Leader, Systems and Analysis, 2009-2012  
Assistant Group Leader, Systems and Analysis, 2008-2009  
Assistant Group Leader, Advanced System Concepts, 2006-2008  
Technical Staff, Advanced System Concepts, 1999-2006

**AREAS OF EXPERTISE**

Systems analysis; modeling and simulation; intelligence, surveillance & reconnaissance (ISR); active optical systems (laser radar); EO/IR sensor systems; RF sensors; multi-INT architectures; PNT.

**PROFESSIONAL/SCIENTIFIC/ HONORARY AFFILIATIONS**

Society for Industrial and Applied Mathematics (SIAM), Phi Kappa Phi, Pi Mu Epsilon.