



# BIOGRAPHY



## UNITED STATES AIR FORCE

### LIEUTENANT COLONEL NATHAN K. CHANG

Lieutenant Colonel Nathan K. Chang is the Commander of the Air Force Reserve Officer Training Corps, Detachment 040/Department Chair and Professor of Aerospace Studies, Loyola Marymount University in Los Angeles, California. He is responsible for recruiting, educating, and inspiring cadets at LMU and surrounding “cross-town” colleges, and then sourcing the Department of the Air Force with its next generation of high caliber officers.

Colonel Chang commissioned in 2005 through the Air Force Reserve Officer Training Corps, graduating from the University of Washington with a degree in Electrical Engineering. He attained a MBA from Grantham University in 2010.

Colonel Chang has served in roles spanning across space acquisitions and operations. As a developmental engineer, he led the transition of the Wideband Global SATCOM (WGS) Command and Control systems. He was the program manager for several high-profile satellite launches at Cape Canaveral Air Force Station to include: Space-Based Infrared System (SBIRS) and Geosynchronous Space Situational Awareness Program (GSSAP). Colonel Chang served as the Lead Mission Director at one of the National Reconnaissance Office's premier satellite operation centers. In his recent roles at Headquarters Air Force, Colonel Chang shaped the Air Force's emerging technology, research, and development portfolios to influence the future force design. He also was the program manager for an Artificial Intelligence software effort to improve strategic decision making with twenty-first century tools.



### EDUCATION

2005 Bachelor of science degree in Electrical Engineering, University of Washington, Seattle, WA  
2010 Squadron Officer School, Maxwell AFB, AL.  
2010 Master's degree in Business Administration, Grantham University, Kansas City, MO.  
2019 Air Command and Staff College, Maxwell AFB, Ala.  
2020 Air War College, in-correspondence

### ASSIGNMENTS

1. July 2005 – March 2008, Payload Engineer and Lead Satellite Ops Engineer, Wideband Global SATCOM Group, Los Angeles, AFB, CA.
2. March 2008 – July 2009, Chief, Commander's Action Group, Wideband Global SATCOM Group, Los Angeles, AFB, CA.
3. July 2009 – December 2010, Unit Admissions Officer and Recruiting Flight Commander, Air Force ROTC Detachment 685, Corvallis, OR.
4. December 2010 – July 2012, Operations Flight Commander, AFROTC Detachment 685, Corvallis, OR.
5. July 2012 – July 2014, Field Program Manager, Cape Canaveral, FL.
6. July 2014 – July 2016, Chief, Standardization and Evaluation, Cape Canaveral, FL.
7. July 2016 – July 2018, Assistant Director of Operations, Lead Mission Director, Fort Belvoir, VA.
8. July 2018 – June 2019, student, Air Command and Staff College, Maxwell AFB, AL.
9. June 2019 – August 2021, Innovative Solutions Strategist, Air Force Warfighting Integration Capability, Pentagon, Washington DC.
10. August 2021 – July 2022, Program Manager - Rhombus Guardian, AF/A8, Pentagon, Washington DC.
11. July 2022 – present, Commander, Air Force ROTC Detachment 040, Loyola Marymount University.

## **MAJOR AWARDS AND DECORATIONS**

Defense Meritorious Service Medal  
Meritorious Service Medal  
Joint Service Commendation Medal  
Air Force Commendation Medal  
Air Force Achievement Medal with two oak leaf clusters

## **EFFECTIVE DATES OF PROMOTION**

Second Lieutenant	Jun. 1, 2005
First Lieutenant	Jun. 1, 2007
Captain	Jun. 1, 2009
Major	Dec. 1, 2015
Lieutenant Colonel	May. 1, 2020

(Current as of July 2022)