



# BIOGRAPHY

UNITED STATES AIR FORCE



## CAPTAIN MICHAEL K. SIM

Capt Michael Sim is an Associate Professor of Aerospace Studies with the United States Air Force Reserve Office Training Corps Detachment 002 at California State University, San Bernardino, California. He serves as the Education Officer, where he is directly responsible for the training and education of 100+ cadets in preparation for commissioning in the US Air Force. He also serves as the Recruiting Officer, ensuring continuous outreach to local high schools, community colleges, and cross-town universities to ensure the Air Force recruits a competent and diverse class of cadets.

Captain Sim began his Air Force career in October 2015 at the Officer Training School (OTS) at Maxwell AFB, Alabama. His first assignment was Los Angeles AFB where his job was to implement integrated ground tests of a Secured Communication satellite. His second assignment was at Air Force Institute of Technology where he earned his Master's degree in Electrical Engineering (LIDAR signal processing). After the second assignment, Capt Sim transferred to the Munitions Directorate in Air Force Research Laboratory to work on Air Force's next-generation technologies. Prior to his current position, Capt Sim was the Deputy Branch Chief, Weapon Simulation and Analysis Branch, Munitions Directorate, Air Force Research Laboratory, Eglin AFB, Florida.

### EDUCATION

2015 Bachelor of Science, General Engineering, University of Illinois Urbana-Champaign, IL

2020 Master of Science, Electrical Engineering, Air Force Institute of Technology, Wright-Patterson AFB, OH

2020 Squadron Officer School, Air University, Maxwell AFB, AL

2022 AFROTC Assistant Professor of Aerospace Studies Instructor and Orientation Course, Air University, Maxwell AFB, AL

### ASSIGNMENTS or CAREER CHRONOLOGY

December 2015 – June 2018, Project Engineer, MILSATCOM Systems Directorate, Space and Missile Systems Center (AFSPC), Los Angeles Air Force Base, CA

June 2018 – April 2020, Student, Air Force Institute of Technology, Wright-Patterson Air Force Base, OH

April 2020 – June 2022, Deputy Branch Chief, Weapon Simulation and Analysis Branch, Munitions Directorate, Air Force Research Laboratory, Eglin Air Force Base, FL

June 2022 – Present, Assistant Professor of Aerospace Studies, AFROTC Det 002, San Bernardino, California

### MAJOR AWARDS AND DECORATIONS

Joint Service Achievement Medal

Air and Space Organizational Excellence Award

National Defense Service Medal

Global War on Terrorism Service Medal

Nuclear Deterrence Operations Service Medal

Air and Space Longevity Service Award

Air and Space Training Ribbon

### EFFECTIVE DATES OF PROMOTION

*Second Lieutenant December 11, 2015*

*First Lieutenant December 11, 2017*

*Captain December 11, 2019*

**(Current as of JUNE 2022)**