Commencement Speaker Biography

Dr. Chi Nguyen is a Managing Partner and Principal Scientist at Aerospace Innovations, LLC. Prior to joining AI, LLC, Dr. Nguyen was the Director of Aerospace Engineering at RTI International. He has more than 17 years of industry experience in aeronautical and space systems. He has made significant contributions to NASA’s Aviation Safety Program including Enhanced Vision Systems and Aircraft Vortex Spacing System and has developed unique capabilities in data processing for radar, lidar, and electro-optical sensor systems. He has provided expertise on selected NASA Engineering Safety Center teams for independent assessment of Space Shuttle, International Space Station, and Constellation Programs. In addition to his engineering skills, Dr. Nguyen has operational experience with software systems. He has published numerous technical reports; he has co-authored conference papers on wake vortex Lidar, sensor systems, and space exploration concepts. In addition, he has documented several handbooks and data archival reports for the field measurements program. He has received many awards and recognition for his work in the aeronautics industry. He was appointed and served on the National Academies of Science Committee for the Independent Assessment of the Nation’s Wake Turbulence Research and Development Program. While at RTI, Dr. Nguyen served as a member of the Editorial Review Board. Dr. Nguyen continues to be involved in academia as an associate professor with the George Washington University School of Engineering and Applied Science and an adjunct professor with Florida Institute of Technology. Dr. Nguyen has a B.S. in Aerospace Engineering from North Carolina State University and M.S. and Doctorate in Engineering Management from George Washington University.

Honors Qualifications

Cum Laude (with honor)
GPA of 3.25 - 3.49
Distinguished by a white sash

Magna Cum Laude (with high honor)
GPA of 3.50 - 3.74
Distinguished by a silver sash

Summa Cum Laude (with highest honor)
GPA of 3.75 and above
Distinguished by a gold sash

The Doctoral Degree
The doctoral degree is the most advanced academic degree conferred by American institutions of higher education. The title Doctor, which is Latin for teacher, was used in the twelfth century to denote those of great learning.

The Master Degree
The master degree represents the successful completion of one or two years of study beyond the bachelor degree. This academic honor dates back to the establishment of the oldest universities in Europe.

The Bachelor Degree
The bachelor degree is the oldest academic degree used by institutions of higher education in America. This degree, which represents completion of a four year course of study at the college level, was first awarded in America in 1642 to the graduating class of Harvard College.
Welcome to the diploma award ceremony for the Department of Mechanical and Aerospace Engineering at North Carolina State University. The entire department extends cordial greetings to parents, grandparents, spouses, relatives, and friends gathered here today. Today’s ceremony recognizes the academic achievement of our graduating bachelor, master, and doctoral students and marks a major accomplishment in their lives. Today they join an elite group and carry on the tradition of excellence. Today they become alumni of North Carolina State University.

**Presentation of Doctoral and Master Diplomas**

**Presentation of Undergraduate Diplomas**

**Presentation of Graduating Class**

**Undergraduate Address**

Dr. Jack Edwards

Professor, Associate Department Head, and Director of Graduate Programs

Ms. Aslyn Rau

Undergraduate Programs Assistant

**Doctor of Philosophy**

**Aerospace Engineering**

Shreyas Narasipur

Carol Patton

Kyle Thompson

**Mechanical Engineering**

Scott Blackwelder

Suhwan Choi

Christopher Elliott

Tao Yuan Huang

Arun V Kolajillil

Russell Malen

Jeffrey Miles

Ji-Sun Min

Zelin Xu

Di Zha

Dr. Richard Gould

Professor and Department Head

Welcome

Undergraduate Address

Ms. Julia Rao

Mechanical Engineering Graduating Senior

Dr. Paul Ro

Professor, Associate Department Head, and Director of Graduate Programs

Ms. Aslyn Rau

Undergraduate Programs Assistant

Presentation of Doctoral and Master Diplomas

Dr. Jack Edwards

Professor, Associate Department Head, and Director of Undergraduate Programs

Ms. Aslyn Rau

Presentation of Graduating Class

Dr. Richard Gould

Commencement Address

Dr. Chi Nguyen

BVAE ’92

Closing Remarks

Dr. Richard Gould

Chun-Chao Lin

Ryan Lingmann

Kyle Maready

Corey Mislesheimer

Vignesh Mohankumar

Keefe Monroes

Sharan V Naik

Karthik Narasimhan

Doug Norris

Aniruddha Parilak

Michael Poppo

Santosh Prabhu

Kishore R Ramakrishnan

David Rhodes

Sushant Shergeri

Alexander Sorensen

John Stewart

Vitali Varshney

Justin Warren

Samantha White

Zachary Williams

Xiaolong Zhang

William J Martz

Frederick C Michaels somma cum laude

Ilya D Moundous somma cum laude

Hironori Nagai magna cum laude

David A Orives somma cum laude

John Askew Parker

John R Parsons IV magna cum laude

Alex A Pastrana magna cum laude

Parth Patel magna cum laude

Micah Pemberton somma cum laude

Austen J Poteet magna cum laude

Jeremy M Rastig magna cum laude

Nolan J Reep somma cum laude

Landon L Richardson

John J Rojechec, III

Thompson A Rowe somma cum laude

William Sealy magna cum laude

Christopher A Vincent

Rachel N Wynne magna cum laude

Thomas Bryant Yelton

Bachelors of Science Aerospace Engineering

Hayden T Appelfeld

Aurelio A Belloti somma cum laude

David W Bergamo

Dustin A Bhul somma cum laude

Graham H Bowers somma cum laude

Seth B Brown magna cum laude

Lindsey M Budc

Robert A Buhrman magna cum laude

Samuel C Cantery magna cum laude

Joey M Clark* magna cum laude

Andrew Crie magna cum laude

Travis M Craine magna cum laude

Jesse A Dannenberg magna cum laude

Mark S Delacruz magna cum laude

Thomas P Dintino somma cum laude

Dar Hong Do

David A Fox magna cum laude

Conner N Gallagher somma cum laude

Caleb L Gallentine

Matthew W Geenthler somma cum laude

Zachary N Gunokos magna cum laude

Emily Gipson*

Daniel M Goldstein magna cum laude

Stephen P Jones somma cum laude

Mohammad Kargi somma cum laude

Umer Khan somma cum laude

Jeremy L Lewbart magna cum laude

Joshua S Dills somma cum laude

Richard W Dixon Jr. somma cum laude

Matthew E Dockstader cum laude

Bruce Y Downing

Xi Duann somma cum laude

Jonathan C Dulliam magna cum laude

Collin E Evans

Hao Fang

William A Finis somma cum laude

Alicia A Fink magna cum laude

Alexander R Gaspere somma cum laude

Karl M Gerdes

Jonathan C Giedlow

Rebecca M Gould cum laude

Brian A Graham

Joshua R Gregory magna cum laude

Olivia K Harvel

Alexandra M Heinsohn magna cum laude

Daniel J Hinshaw

Avery H Hisxon

Jacob D Hrobak

Wilson Hudspeth*

Clayton R Huff magna cum laude

John F Huffman magna cum laude

Bryan B Huynh magna cum laude

Roben J Hwasser

Samuel Jacobs

Lily J Jan magna cum laude

Andrew K Jones magna cum laude

Patrick N Jones magna cum laude

Zachary T Jones magna cum laude

Nicholas T Kandl

Benjamin S Karrman magna cum laude

Adam R Keever

Alexander J Kellogg

Harrison F Keilig

Garren T Kijfer

William R Kreinhbrink*

Kenneth T Kunberger*

Lucas R Lanham

Erin M Liebel

Graham D Lutte magna cum laude

Natalie R Macdonald magna cum laude

David C Mathews

Blake M Marrin somma cum laude

Alexander M Marvin

Dylan J Masker

Kara E Matthes magn cum laude

Patrick A Mccabe magna cum laude

Lauren E Merritt magna cum laude

Kara E Mathisen magna cum laude

Dylan J Masker magna cum laude

David C Markham

Graham D Lutz

Kenneth T Kunberger*

William R Krehnbrikn*

Kenneth T Kunberger*

Lucas R Lanham

Erin M Liebel

Graham D Lutt magna cum laude

Natalie R Macdonald magna cum laude

David C Markham

Blake M Marrin magna cum laude

Alexander M Marvin

Dylan J Masker

Kara E Matthes magna cum laude

Patrick A McCabe magna cum laude

Lauren E Merritt magna cum laude

Kara E Mathisen magna cum laude

Dylan J Masker magna cum laude

David C Markham

Graham D Lutz

Kenneth T Kunberger*

William R Krehnbrikn*

Kenneth T Kunberger*

Lucas R Lanham

Erin M Liebel

Graham D Lutte magna cum laude

Natalie R Macdonald magna cum laude

David C Mathews

Blake M Marrin magna cum laude

Alexander M Marvin

Dylan J Masker

Kara E Matthes magna cum laude

Patrick A McCabe magna cum laude

Lauren E Merritt magna cum laude

Kara E Mathisen magna cum laude

Dylan J Masker magna cum laude

David C Markham

Graham D Lutz

Kenneth T Kunberger*...