# Faculty and Teaching Staff

Steven Barrett, PhD  
H. N. Slater Professor in Aeronautics and Astronautics  
Head, Department of Aeronautics and Astronautics

**Professors**

- Hansa Balakrishnan, PhD  
  William E. Leonhard (1940) Professor  
  Professor of Aeronautics and Astronautics  
  Member, Institute for Data, Systems, and Society  
  (On leave)
- Kerri Cahoy, PhD  
  Professor of Aeronautics and Astronautics  
  Professor of Earth, Atmospheric and Planetary Sciences
- Edward F. Crawley, ScD  
  Ford Foundation Professor of Engineering  
  Professor of Aeronautics and Astronautics
- David L. Darmofal, PhD  
  Jerome C. Hunsaker Professor  
  Professor of Aeronautics and Astronautics
- Olivier L. de Weck, PhD  
  Professor of Aeronautics and Astronautics
- Mark Drela, PhD  
  Terry J. Kohler Professor  
  Professor of Aeronautics and Astronautics  
  (On leave)
- Edward M. Greitzer, PhD  
  H. N. Slater Professor in Aeronautics and Astronautics
- Steven Hall, ScD  
  Professor of Aeronautics and Astronautics
- R. John Hansman Jr, PhD  
  T. Wilson (1953) Professor in Aeronautics
- Wesley L. Harris, PhD  
  Charles Stark Draper Professor of Aeronautics and Astronautics
- Daniel E. Hastings, PhD  
  Cecil and Ida Green Professor in Education  
  Professor of Aeronautics and Astronautics  
  Interim Institute Community and Equity Officer  
  Interim Associate Provost for Faculty Advancement  
  Member, Institute for Data, Systems, and Society
- Jonathan P. How, PhD  
  Richard Cockburn Maclaurin Professor in Aeronautics and Astronautics
- Sertac Karaman, PhD  
  Professor of Aeronautics and Astronautics  
  Member, Institute for Data, Systems, and Society
- Nancy G. Leveson, PhD  
  Jerome C. Hunsaker Professor in Aeronautics and Astronautics  
  Professor of Aeronautics and Astronautics
- Paulo C. Lozano, PhD  
  M. Alemán-Velasco Professor  
  Professor of Aeronautics and Astronautics
- Youssef M. Marzouk, PhD  
  Professor of Aeronautics and Astronautics  
  Member, Institute for Data, Systems, and Society
- David W. Miller, ScD  
  Jerome C. Hunsaker Professor  
  Professor of Aeronautics and Astronautics
- David A. Mindell, PhD  
  Frances and David Dibner Professor in the History of Engineering and Manufacturing  
  Professor of Aeronautics and Astronautics
- Eytan H. Modiano, PhD  
  Richard Cockburn Maclaurin Professor in Aeronautics and Astronautics  
  Professor of Aeronautics and Astronautics  
  Member, Institute for Data, Systems, and Society  
  (On leave)
- Dava Newman, PhD  
  Apollo Professor of Astronautics and Engineering Systems  
  Member, Institute for Data, Systems, and Society  
  Affiliate Faculty, Institute for Medical Engineering and Science  
  Member, Health Sciences and Technology Faculty
- Jaime Peraire, PhD  
  H. N. Slater Professor in Aeronautics and Astronautics  
  Member, Institute for Data, Systems, and Society
- Raúl Radovitzky, PhD  
  Jerome C. Hunsaker Professor in Aeronautics and Astronautics  
  Professor of Aeronautics and Astronautics
- Nicholas Roy, PhD  
  Professor of Aeronautics and Astronautics  
  (On leave)
Sara Seager, PhD
Class of 1941 Professor of Planetary Sciences
Professor of Physics
Professor of Aeronautics and Astronautics
(On leave, spring)

Julie A. Shah, PhD
H. N. Slater Professor in Aeronautics and Astronautics
Professor of Aeronautics and Astronautics

Zoltan S. Spakosvzky, PhD
T. A Wilson Professor in Aeronautics and Astronautics
Professor of Aeronautics and Astronautics

Russell L. Tedrake, PhD
Toyota Professor
Professor of Computer Science and Engineering
Professor of Aeronautics and Astronautics
Professor of Mechanical Engineering

Ian A. Waitz, PhD
Jerome C. Hunsaker Professor
Professor of Aeronautics and Astronautics
Vice Chancellor for Undergraduate and Graduate Education

Brian L. Wardle, PhD
Professor of Aeronautics and Astronautics

Brian C. Williams, PhD
Professor of Aeronautics and Astronautics

Moe Z. Win, PhD
Professor of Aeronautics and Astronautics
Member, Institute for Data, Systems, and Society

Associate Professors
Luca Carlone, PhD
Boeing Professor
Associate Professor of Aeronautics and Astronautics
Member, Institute for Data, Systems, and Society

Richard Linares, PhD
Rockwell International Career Development Professor
Associate Professor of Aeronautics and Astronautics

Qiqi Wang, PhD
Associate Professor of Aeronautics and Astronautics

Assistant Professors
Zachary Cordero, PhD
Esther and Harold E. Edgerton Professor
Assistant Professor of Aeronautics and Astronautics
(On leave, spring)

Chuchu Fan, PhD
Leonardo Professor
Assistant Professor of Aeronautics and Astronautics

Carmen Guerra García, PhD
Charles Stark Draper Professor
Assistant Professor of Aeronautics and Astronautics

Adrián Lozano-Durán, PhD
Boeing Professor
Assistant Professor of Aeronautics and Astronautics

Lonnie Petersen, MD, PhD
Charles Stark Draper Professor
Assistant Professor of Aeronautics and Astronautics

Core Faculty, Institute for Medical Engineering and Science

Professors of the Practice
Jeffrey A. Hoffman, PhD
Professor of the Practice of Aeronautics and Astronautics

Robert Liebeck, PhD
Professor of the Practice of Aerospace Engineering

Visiting Professors
Moriba Jah, PhD
Martin Luther King, Jr. Visiting Professor of Aeronautics and Astronautics

Sonya T. Smith, PhD
Martin Luther King, Jr. Visiting Professor of Aeronautics and Astronautics

Senior Lecturers
Charles Oman, PhD
Senior Lecturer in Aeronautics and Astronautics

Rudrapatna V. Rammath, PhD
Senior Lecturer in Aeronautics and Astronautics

Jayant Sabnis, PhD
Senior Lecturer in Aeronautics and Astronautics

Lecturers
Javier deLuis, PhD
Lecturer of Aeronautics and Astronautics

Brian Nield, PhD
Lecturer of Aeronautics and Astronautics

Technical Instructors
Todd Billings
Senior Technical Instructor of Aeronautics and Astronautics

David Robertson, BEng
Senior Technical Instructor of Aeronautics and Astronautics
Research Staff

Senior Research Engineers
Choon S. Tan, PhD
Senior Research Engineer of Aeronautics and Astronautics

Principal Research Scientists
Rebecca A. Masterson, PhD
Principal Research Scientist of Aeronautics and Astronautics

Ngoc Cuong Nguyen, PhD
Principal Research Scientist of Aeronautics and Astronautics

Raymond L. Speth, PhD
Principal Research Scientist of Aeronautics and Astronautics

Research Engineers
Steven R. Allmaras, PhD
Research Engineer of Aeronautics and Astronautics

Matthew Boyd, PhD
Research Engineer of Aeronautics and Astronautics

Marshall C. Galbraith, PhD
Research Engineer of Aeronautics and Astronautics

David Gonzalez Cuadrado, PhD
Research Engineer of Aeronautics and Astronautics

John Thomas, PhD
Research Engineer of Aeronautics and Astronautics

Research Scientists
Luiz Henrique Acauan, PhD
Research Scientist of Aeronautics and Astronautics

Florian Altröggen, PhD
Research Scientist of Aeronautics and Astronautics

Andrew Menching Liu, PhD
Research Scientist of Aeronautics and Astronautics

Leonid Pogorelyuk, PhD
Research Scientist of Aeronautics and Astronautics

Paul Serra, PhD
Research Scientist of Aeronautics and Astronautics

Afreen Siddiqi, PhD
Research Scientist of Aeronautics and Astronautics

Peng Mun Siew, PhD
Research Scientist of Aeronautics and Astronautics

Rajat Rajendrad Talak, PhD
Research Scientist of Aeronautics and Astronautics

Parker Vascik, PhD
Research Scientist of Aeronautics and Astronautics

Ferran Vidal-Codina, PhD
Research Scientist of Aeronautics and Astronautics

Research Specialists
Matthew Pearlson, MS
Research Specialist of Aeronautics and Astronautics

Professors Emeriti
John J. Deyst Jr, ScD
Professor Emeritus of Aeronautics and Astronautics

Steven Dubowsky, PhD
Professor Emeritus of Mechanical Engineering
Professor Emeritus of Aeronautics and Astronautics

Alan H. Epstein, PhD
Richard Cockburn Maclaurin Professor Emeritus
Professor Emeritus of Aeronautics and Astronautics

Walter M. Hollister, ScD
Professor Emeritus of Aeronautics and Astronautics

Manuel Martínez-Sánchez, PhD
Professor Emeritus of Aeronautics and Astronautics

Earll M. Murman, PhD
Ford Professor of Engineering Emeritus
Professor Emeritus of Aeronautics and Astronautics

Amedeo R. Odoni, PhD
T. Wilson (1953) Professor Emeritus
Professor Emeritus of Aeronautics and Astronautics
Professor Emeritus of Civil and Environmental Engineering

Thomas B. Sheridan, ScD
Professor Emeritus of Engineering and Applied Psychology
Professor Emeritus of Aeronautics and Astronautics

Robert Simpson, PhD
Professor Emeritus of Aeronautics and Astronautics

Sheila E. Widnall, ScD
Institute Professor Emerita
Professor Emerita of Aeronautics and Astronautics