Florida Institute of Technology
SUMMER COMMENCEMENT

SATURDAY, JULY 28, 2018
CHARLES AND RUTH CLEMENTE CENTER
FOR SPORTS AND RECREATION
MELBOURNE, FLORIDA
PROGRAM

**Processional**
Grand Marshal Dr. Ashok Pandit
Candidates for the Doctoral Degree
Candidates for the Master's Degree
Candidates for the Bachelor's Degree
Candidates for the Associate Degree
Faculty
Commencement Officials and Distinguished Guests
(Audience will please stand, and remain standing for the invocation.)

**National Anthem**
Led by College Players/Players in Harmony

**Invocation**
Rev. Darice Dawson, Protestant Chaplain, United Campus Ministry

**President's Address**
Dr. T. Dwayne McCay

**Alumni Address**
Mr. Bino Campanini
Vice President for Alumni Affairs and Executive Director,
Florida Tech Alumni Association

**Presentation of the Faculty Honors Award**
Dr. Kurt Winkelmann, President of the Faculty Senate

**Conferring of Honorary Degrees**

**Conferring of Degrees**
Dr. McCay

**Alma Mater**
Led by College Players/Players in Harmony

**Recessional**
Grand Marshal

(Members of the audience are requested to remain standing until the academic procession has left the auditorium.)

* A professional photographer will take photos of each graduate. It is not necessary to leave your seat to take photographs.
OFFICE OF THE PRESIDENT

T. DWAYNE MCCAY, PH.D.

President, Florida Institute of Technology

Dwayne McCay (Ph.D., Auburn University, 1974) became provost and chief academic officer at Florida Institute of Technology in July 2003. He became the executive vice president and chief operating officer (COO) in January 2011. As COO, Dr. McCay was responsible for all operating units of the university and reported directly to the president as the number two executive in the university. He became president of Florida Institute of Technology on July 1, 2016. He also holds a joint appointment as professor in physics and space sciences, and mechanical and aerospace engineering. Prior to Dr. McCay’s position at Florida Tech, he served as vice president for research and information technology for The University of Tennessee System where he was responsible for oversight of statewide UT research and information technology (IT) and the UT-Battelle management contract for the Oak Ridge National Laboratory.

Dr. McCay was previously at The University of Tennessee Space Institute, where he served as Alumni Distinguished Service Professor of Engineering Science and program chair of engineering science and mechanics, and was chosen in a national search in 1993 as the chief executive officer for the campus.

Prior to joining The University of Tennessee in 1986, he served in several organizations: NASA Marshall Space Flight Center (senior engineer, branch chief, division chief), the Air Force Rocket Propulsion Laboratory (senior research physical scientist) and ARO, Inc. (research engineer).

He has taught as an adjunct professor at several universities (Auburn University, California State at Fresno, University of Alabama at Huntsville) and has more than 100 technical publications to his credit including two books. In addition, he has been awarded 16 patents (two of which have resulted in spin-off companies) and served as a reviewer for several journals. He was associate editor for the Journal of Propulsion and Power from 1991–1993.

While in both Florida and Tennessee, Dr. McCay has served on numerous economic development boards and chaired the Tennessee Valley Aerospace Region board, as well as serving as chairman of The University of Tennessee Research Corporation board, the intellectual property agent for The University of Tennessee. In 2009, he was appointed by NASA Administrator Charles Bolden to serve on the Education and Outreach Committee of the NASA Advisory Council.
BOARD OF TRUSTEES

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Chief Executive Officer, Bisk Education Inc.

William M. (Bill) Brown
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President, Cyprus Seismic Network

Charles Clemente
Chief Operating Officer (Ret.), America Online/RCC

Brian Crane, ’91
Senior Vice President, Crane Private Wealth Management of Raymond James

Dale A. Dettmer, J.D. ’71
Partner, Krasny and Dettmer

Ann Elizabeth Dunwoody ’88
General, U.S. Army (Ret.)

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Vice President (Ret.), Wells Fargo Advisors

Doug Flutie
Sports Analyst, Former National Football League Player

Tom J. Folliard ’89
Chairman, CarMax

Steven Freeman ’90, ’92
Executive Director and Complex Manager, Morgan Stanley Wealth Management

Svafa Gronfeldt ’95
Massachusetts Institute of Technology DesignX Advisory Board member, Executive Vice President Alvogen Inc., President/Rector Emerita University of Reykjavik

Debbie Harvey
President and Chief Operating Officer, Ron Jon Surf Shop

Erik E. Joh
Attorney at Law, Hinman, Howard and Kattell, LLP

T. Dwayne McCay, Ph.D.
President, Florida Institute of Technology

Richard P. McNeight
Secretary, Florida Institute of Technology Board of Trustees, Chief Innovation Officer, Health First Inc.

William Muns ’78, ’80
Executive Director, MDCC Holdings

Robert L. Phebus Jr. ’74
Chairman, Florida Institute of Technology Board of Trustees, Chief Financial Officer (Ret.), Ford Motor Company of Southern Africa

William C. Potter, J.D.
Partner (Ret.), Holland and Knight - Potter, McClelland, Marks and Healy, P.A.

Alan L. Prestwood
Senior Vice President of Investments, Wells Fargo Advisors

Travis Proctor ’98
Vice Chairman, Florida Institute of Technology Board of Trustees, Chief Executive Officer, Artemis IT

James E. Pruitt ’72
President, Pruitt McGaslin Inc.

Kenneth P. Revay ’82
Past President, Florida Tech Alumni Association

Michael Scafati
Managing Director (Ret.), Wells Fargo Advisors

Edward W. Scott Jr.
Investor, Entrepreneur and Philanthropist, EScott Ventures

Scott J. Seymour
President and Chief Executive Officer (Ret.), Aerojet Rocketdyne

Mahesh (Mike) R. Shah
Owner/President, M&R High Point Holding Inc., President, Southeast Petro Dist. Inc.

F. Alan Smith
Executive Vice President (Ret.), General Motors Corporation

Elizabeth J. Swann
Owner, Dunn Huntin Grove

Vikram Verma ’87
Chief Executive Officer, 8x8 Inc.

Thomas Vice
President, Aerospace Systems (Ret.)

Tim Wakefield
Major League Baseball Pitcher (Ret.)

James Wong ’07
Chairman, Chinney Alliance Group Limited

TRUSTEES EMERITI

Raymond A. Armstrong, M.D.
Physician (Ret.)

Richard N. Baney, M.D.
President (Ret.), Health First Physicians Inc.

Joseph A. Boyd, Ph.D.
Chairman, President and Chief Executive Officer (Ret.), Harris Corporation

James L. Fisher, Ph.D.
President Emeritus, CASE; President Emeritus, Towson University; Academic Consultant and Author
HISTORY

Founded in 1958 as Brevard Engineering College by Dr. Jerome P. Keuper, Florida Tech initially offered continuing education opportunities to scientists, engineers and technicians working at what is now NASA's John F. Kennedy Space Center. The new college grew quickly, paralleling the rapid development of America's space program. The college, dubbed by the media as the “night school for missile men,” gained international attention, including a visit from legendary rocket scientist Wernher von Braun.

In 1966, the college changed its name to Florida Institute of Technology to acknowledge its growing identity as a scientific and technological university, the only such independent institution in the Southeast.

From the beginning, Florida Tech has been committed to excellence in graduate education. A 1962 article in The New York Times described Brevard Engineering College as “the only space engineering college in the country … its graduate course offers engineers the opportunity to obtain a master's degree and keep up with the advancement taking place daily at the Cape.”

At the time of the article, all of the college's graduate students worked on America's race to space during the day and attended classes at night. Today, as the university has evolved, nearly 60 percent of on-campus graduate students attend and do research full time.

The university moved to its current Melbourne campus in 1961, and construction began immediately on administration and classroom buildings to augment existing buildings on the site. Before the decade's end, the university would break ground on its first million-dollar building, the Crawford Building.

During the 1990s the university added new facilities valued at nearly $50 million with construction of the F.W. Olin engineering, life science and physical science buildings and the Charles and Ruth Clemente Center for Sports and Recreation. Recently, the university has supervised $75 million in new projects, including the Emil Buehler Center for Aviation Training and Research, Ruth Funk Center for Textile Arts, The Scott Center for Autism Treatment, Harris Center for Science and Engineering, Panther Dining Hall, Panther Aquatic Center, Harris Commons, Varsity Training Center, Harris Student Design Center and a parking structure.

More than 63,000 degrees have been conferred on students at Florida Tech since 1958, when 154 students signed up for the first fall semester. As the institution advances and the alumni ranks multiply, the university remains dedicated to developing concerned scientists, aviators, engineers and business leaders who will change the world.

FLORIDA’S FLAGS

On stage are flags that have flown over Florida skies. They represent the Spanish monarchy (16th century), the French monarchy (16th century), the United Kingdom (18th century), and the current State of Florida. These and the other flags constitute Florida Tech’s way of expressing and symbolizing 400 years of Florida’s history from the era of the European voyages of discovery to the present including over 200 years since the birth of our nation.

ACADEMIC ORGANIZATION

The university is organized into six academic units: College of Aeronautics, Nathan M. Bisk College of Business, College of Engineering and Computing, College of Psychology and Liberal Arts, College of Science and Department of Extended Studies.

College of Aeronautics

The College of Aeronautics offers bachelor's degrees in aeronautical science, aviation administration (off-site), aviation management, aviation meteorology, and human factors and safety, each with flight and nonflight options, and Bachelor of Arts and associate degrees in aviation management (online). The college offers the Master of Science in Aviation (MSA) in airport development and management, and applied aviation safety on the Melbourne campus, and aviation management and aviation safety online. There are two Master of Science programs offered by the college: aviation human factors and human factors in aeronautics (online). The college offers a Doctor of Philosophy in Aviation Sciences in one of 12 aviation-related specializations and the online Doctor of Aviation.

Nathan M. Bisk College of Business

The Nathan M. Bisk College of Business offers online associate degrees in accounting, business administration, healthcare management, management and marketing; bachelor's degrees on the Melbourne campus in business administration (variety of specialized areas), business and environmental studies and information systems, and online in accounting and in business administration (variety of specialized areas). The Master of Business Administration is offered on campus and online in a variety of specialized areas. The Master of Science in
Information Technology is offered online in the areas of cybersecurity, database administration and enterprise resource planning.

**College of Engineering and Computing**

The College of Engineering and Computing includes seven departments: biomedical engineering, chemical engineering, civil engineering and construction management, electrical and computer engineering, engineering systems, mechanical and aerospace engineering, and ocean engineering and sciences, the School of Computing, and the Human-Centered Design Institute. Programs offered in addition to those included in the department names are biological oceanography, chemical oceanography, coastal zone management, earth remote sensing, engineering management, environmental resource management, environmental science, flight test engineering, geological oceanography, human-centered design, information assurance and physical oceanography.

**College of Psychology and Liberal Arts**

The College of Psychology and Liberal Arts includes the School of Arts and Communication, School of Behavior Analysis, School of Psychology and the military science program (Army ROTC). The college offers bachelor’s degrees in applied behavior analysis, forensic psychology, humanities, multiplatform journalism, psychology and strategic communication, and master’s degrees in applied behavior analysis, global strategic communication, industrial/organizational psychology and organizational behavior management. Doctoral degrees are awarded in behavior analysis, clinical psychology and industrial/organizational psychology. In addition to the programs offered on campus, the college offers associate degrees in applied psychology, criminal justice and liberal arts, and bachelor’s degrees in applied psychology and criminal justice through Florida Tech Online, and Master of Arts degrees in organizational leadership and professional behavior analysis.

**College of Science**

The College of Science comprises the departments of biological sciences, chemistry, education and interdisciplinary studies, mathematical sciences, and physics and space sciences. Bachelor’s degrees are offered in all of these areas and in applied mathematics, astrophysics, astronomy and astrophysics, biochemistry, biomathematics, interdisciplinary science, meteorology, STEM education and sustainability studies. Master’s degrees are offered in applied mathematics, biochemistry, biological sciences, chemistry, conservation technology, education (including education technology, elementary science, environmental, mathematics and science education), interdisciplinary science, operations research, physics, space sciences and teaching. Advanced degrees include the Specialist in Education, and doctoral degrees in applied mathematics, biological sciences, chemistry, mathematics education, operations research, physics, science education and space sciences.

**Department of Extended Studies**

The Department of Extended Studies oversees all Florida Tech’s off-campus sites. Degrees offered off-campus through the Department of Extended Studies provide a number of specialized master’s degrees. Extended studies students may also take some of their courses online through the department’s Virtual Site.
ACADEMIC REGALIA

Academic heraldry in the form of academic dress reaches as far back as the earliest days of the oldest universities. Formal directives concerning the correct and proper wearing of academic regalia date back to the early 14th century. In the United States, as a result of our English heritage, caps and gowns have been used since colonial times.

As heraldic devices such as shields, coats of arms, standards, etc., could identify a knight and his individual heritage, academic costume can describe the academic origin and accomplishments of the wearer. Easily recognizable are holders of bachelor’s, master’s and doctoral degrees. With the same glance, the trained eye may identify the university that conferred the degree, as well as the individual’s field of learning.

The shape and decorations of the gown are the keys to the highest degree earned by an individual. The undergraduate’s gown has long pointed sleeves and is worn closed. The master’s gown has an oblong sleeve, open at the wrist; the rear part of its oblong shape is square cut and the front part has an arc cut away. The master’s gown may be worn open or closed. The doctoral gown has bell-shaped sleeves, may be worn open or closed, and may be most readily identified by its velvet facing down the front and by three velvet bars on each sleeve.

There is no general rule for the position of the tassel on a mortarboard. During commencement exercises at Florida Institute of Technology, candidates for degrees are requested to wear the tassels on the right side before degrees are conferred and then to shift them to the left. The tassels worn by graduates at Florida Tech reflect the level of degree awarded, as follows:

- Black ................................................................. Undergraduate Degree level
- Yellow ............................................................... Master’s Degree level
- Gold ................................................................. Doctorate level

It is the hood, however, that is the most important and distinctive feature of American academic pageantry. It enables anyone attending an academic function to distinguish at a glance the wearer’s academic heritage. The bachelor’s hood, seldom seen in American academic circles, is three feet long, with a two-inch edging of velvet. The master’s hood is three feet long, with a three-inch edging. The doctoral hood is four feet long, with a five-inch edging.

The color of the hood’s velvet edging represents the field in which the wearer earned his degree. Although black may be used for any area, specific colors denoting the various field of learning are assigned. There are more than two-dozen hood colors accepted at colleges and universities in the United States, some of which may be worn today by faculty and administrators who have graduated from other universities here or abroad. However, Florida Tech degree candidates wear one of the following colors:

- Gold ................................................................. Science and Engineering
- Drab ................................................................. Business
- Light Blue .......................................................... Education
- Royal Blue ........................................................ Psychology

The hoods of American colleges and universities are lined with silk in the official academic colors of the institution that conferred the degrees. Florida Tech graduates, for example, will wear hood linings that are crimson (red) with a gray chevron (stripe).

Undergraduates graduating with honor may wear cords designating the honor.

- White ................................................................. cum laude
- Silver ................................................................. magna cum laude
- Gold ................................................................. summa cum laude

The academic regalia you see before you today can be traced directly to the beginnings of the oldest colleges and universities. In 1885, there occurred a widespread student movement in America to wear caps and gowns at commencement ceremonies. The graduating students seemed to feel a need for significant and dignified apparel for the occasion. By 1895, widespread adoption of a uniform code by 95 percent of colleges and universities in this country gave America its own distinct academic regalia.

However, at any academic gathering, costumes usually appear that cannot be fathomed by these guidelines. Some of these may be from foreign universities; others from those American institutions that have preferred to remain with the European tradition of allowing each school to determine its own costume. The net result is the academic costume you see before you today.
Presented by Monica Baloga, Ph.D., Senior Vice President of Academics and Provost

DOCTOR OF BUSINESS ADMINISTRATION
Robert Frank Keimer Jr.
Master of International Affairs
B.A. Philosophy
Columbia University
Major Professor: Scott N. Benjamin, Ph.D.

Donna Marie Smith
Master of Military Operational Art and Science
United States Air Force Air University
B.A. Computer Science
Pace University
Dissertation: “Barriers to Mentoring Women of Color for Corporate Leadership: Implications for Organizations”
Major Professor: Robert R. Schaller, Ph.D.

DOCTOR OF PHILOSOPHY
Aerospace Engineering
Antoine Michael Diego Jost
M.S. Aerospace Engineering
Florida Institute of Technology
Dissertation: “Direct Numerical Simulations of Incompressible Flow through Porous Packs over a Wide Range of Reynolds Numbers”
Major Professor: Ju Zhang, Ph.D.

Applied Mathematics
Khalid Fanoukh Abokader Al Oweidi
M.Sc. Mathematics
University of Babylon, Iraq
Major Professor: Kanishka Perera, Ph.D.

Chemistry
Ibtehaj Alshdoukhi
M.S. Chemistry
Florida Institute of Technology
M.A. Chemistry
The University of Scranton
B.S. Chemistry
King Saud University
Kingdom of Saudi Arabia
Major Professor: Michael Freund, Ph.D.

Civil Engineering
Thaddeus Joseph Misilo III
M.S. Engineering Management
B.S. Computer Engineering
Florida Institute of Technology
Dissertation: “Development of a Small Diameter Rapid Pressuremeter Test for Unbound Pavement Layer Evaluations”
Major Professor: Paul J. Cosentino, Ph.D.

Computer Engineering
Azhar Sabah Abdulaziz
M.Sc. Communications and Signal Processing
Newcastle University, United Kingdom
B.Sc. Computer Engineering
University of Mosul, Iraq
Dissertation: “Automatic Speech Recognition Adaptation for Various Noise Levels”
Major Professor: Veton Z. Kepuska, Ph.D.

Basman Mahmood Hasan Al Hafidh
M.Sc. Computer Engineering
B.Sc. Computer Engineering
University of Mosul, Iraq
Dissertation: “Design and Simulation of an Intelligent Self-Adaptive System for a Smart Home”
Major Professor: William H. Allen III, Ph.D.

Mahmood Fawzi Alfathe
Technical Master Degree in Computer Technology Engineering
B.Eng. in Computer Technology Engineering
Technical College of Mosul, Iraq
Dissertation: “Improving STB Devices’ Parental Control”
Major Professor: Veton Z. Kepuska, Ph.D.

Computer Science
Mir Ebad Ahmadzadeh Esmaeilabadi
Master of Philosophy in Information Technology
University of Information Technology and Management in Rzeszow, Poland
Bachelor’s Degree in Electrical Engineering, Electronics
University of Guilan, Iran
Dissertation: “Data Mining Algorithms for Decision Support Based on User Activities”
Major Professor: Philip K. Chan, Ph.D.

Mohammad Hassan S. Algarni
Master of Information Technology
The University of Queensland, Australia
Bachelor’s Degree in Education
King Abdulaziz University, Kingdom of Saudi Arabia
Dissertation: “Enhancing Authentication Using Fingerprint Order Pattern”
Major Professor: A. Lucas Stéphane, Ph.D.
Abdullah Rashid Alharbi  
Master of Science in Information Technology  
Rochester Institute of Technology  
Bachelor in Computer Science  
Qassim University, Kingdom of Saudi Arabia  
Major Professor: Heather A. Crawford, Ph.D.

Mohammed Jebreen Aljebreen  
M.S. Networking and System Administration  
Rochester Institute of Technology  
Bachelor Degree of Education in Computer Science  
King Saud University, Kingdom of Saudi Arabia  
Major Professor: William H. Allen III, Ph.D.

Fitzroy Devon Nembhard  
M.S. Bioinformatics  
B.S. Computer Science  
Morgan State University  
Major Professor: Marco M. Carvalho, Ph.D.

Diego Marconi Pinheiro Ferreira Silva  
M.S. Systems Engineering  
B.S. Computer Engineering  
University of Pernambuco, Brazil  
Dissertation: “A Comprehensive Data-Driven Characterization of Organ Transplantation”  
Major Professor: Ronaldo Menezes, Ph.D.

Khaled Ali M. Slhoub  
Master of Computer Science  
University of New Brunswick, Canada  
Bachelor of Science in Computer Science  
University of Benghazi, Libya  
Dissertation: “Standardizing the Requirements Specification of Multi Agent Systems”  
Major Professor: Marco M. Carvalho, Ph.D.

Ondrej Doule  
Ph.D. Architecture and Urbanism  
Master of Architecture  
Czech Technical University in Prague, Czech Republic  
Master of Science in Space Management  
International Space University, France  
Dissertation: “Adaptive Spaceship Cockpit Architecture”  
Major Professor: Marco M. Carvalho, Ph.D.

Industrial/Organizational Psychology

Kelsey Evelyn Perkins  
M.S. Industrial/Organizational Psychology  
Florida Institute of Technology  
M.S. Management  
B.S. Psychology  
University of Florida  
Dissertation: “The Integrated Model of Self-Confidence: Defining and Operationalizing Self-Confidence in Organizational Settings”  
Major Professor: Lisa A. Steelman, Ph.D.

Michelle Janine Thackray  
M.S. Industrial/Organizational Psychology  
Florida Institute of Technology  
B.A. Psychology  
Coastal Carolina University  
Dissertation: “Creating Self-Concordance Through Activation of the Goal Hierarchy”  
Major Professor: Patrick D. Converse, Ph.D.

Phillip W. Thomas  
M.S. Industrial/Organizational Psychology  
Florida Institute of Technology  
M.S. Defense Analysis  
Naval Postgraduate School  
B.S. Civil Engineering  
Florida Institute of Technology  
Major Professor: Richard L. Griffith, Ph.D.

Mechanical Engineering

Ismayuzri Bin Ishak  
Master of Engineering (Manufacturing)  
Bachelor of Mechanical Engineering  
Universiti Malaysia Pahang  
Dissertation: “A Robot FDM Platform for Multi-Plane and 3-D Lattice Structure Printing”  
Major Professor: Pierre M. Larochelle, Ph.D.
GRADUATE DEGREES—DOCTORAL

Operations Research
Ahmed Idrees Merie
M.Sc. Statistics
B.Sc. Statistics
University of Mosul, Iraq
Dissertation: “Fluctuation Analysis in Stochastic System with Parallel Queues”
Major Professor: Jewgeni H. Dshalalow, Ph.D.

Kizza Margaret Nandyose
B.A. Mathematics
Hood College
Dissertation: “Time Sensitive Functionals Of Marked Random Measures In Real Time”
Major Professor: Jewgeni H. Dshalalow, Ph.D.

Space Sciences
Corinne L. Fletcher
M.Sc. Astrophysics
University of Bonn, Germany
B.S. Physics
University of Missouri–Columbia
Dissertation: “X-rays from Magnetic B-type Stars”
Major Professor: Saida Caballero-Nieves, Ph.D.

GRADUATE DEGREES

COLLEGE OF AERONAUTICS
Dean Korhan Oyman, Ph.D.

MASTER OF SCIENCE IN AVIATION
Airport Development and Management
David Everett Callender
Umut Oztekin
Aviation Management
Amandine Jacqueline Justine Coudert
Alexia Tashawna Williams-Walcott

MASTER OF SCIENCE
Aviation Human Factors
Maria Chaparro

NATHAN M. BISK COLLEGE OF BUSINESS
Dean Theodore R. Richardson III, Ed.D.

MASTER OF BUSINESS ADMINISTRATION
Cody Anderson
Kirk Baker
Clinton John Bennett
Emily Burghardt
Kenneth Joel Cabrera
Jacqueline Connor
Sarah Anne Free
Michael Joseph Hamfeldt
Kathryn Lynn Kingfield
Victoria McKalynn Baker Lane
Dat Van Le
Travis Ryan Leach
Joseph Michael Manarte
Christopher David Manning
Chris Marchese
Joy Mathis
Emily R. Morris
Angela M. Neithercut
Stacey Rudolph Newsome
Olivier T. Nguyen
Hemil Ramanlal Prajapati
Mike Rosas
Ommeed Shahrokh

Joseph D. Tavoletto
Gregory L. Thomas II
Alan N. Truong
Katherine Marie Turgeon
Allison Desjardin Whitney
Jennie Lee Wilkinson
Quwaylin Williams
Nicholas Wynne

Accounting
William Landers
Desiree Ann Paiz
Arthur F. Rodriguez Jr.
Alexandria M. Schneider
Jazmyne D. Williams

Accounting and Finance
James Michael Forde
Meghan A. Gleason
Niurka V. Martinez
Bimal Patel
Roderick F. Read Jr.

Cybersecurity
Jeremy P. Catob
Anna Barbara Nina
Margaret Jane Oathout
Justin Kenrick Ramsaran
Andrew P. Wenzel

Finance
Alexandro Da Silveira
Shaka Jasper
Gary S. Scott
Dustin M. Young

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GRADUATE DEGREES

Healthcare Management
Clifford D. Cole
Matthew M. Donlan
Johnny Wayne Guy II
Danielle M. Humphrey
Nishikwa L. Mellerson
Felicia McFadden Parrish
Jessica Lee Patterson
Gabriella E. Rozenblat
Craig Stuart Toomey

Information Technology Management
Allen Dean Henne
Jessica Johndrow
Jadallah Kahook
Ketra S. King
Steven M. Lauzon
Justin Bryant Lewis
Matthew Devendranath Ratnesar
Sean Alexander Simpson
Dermaine Smith
Kamaria Walker

International Business
David M. Green
Elizabeth Raley
Amy Marie Schreiber

Management
Rashad Afzal Ali
Tanya Amy Howard
Philip C. Maliakal
John D. Michels
Grace Morgan Padgett
James Chris Bancal Pennington
Christopher Praet
Audra Linda Shiver Rutherford

Marketing
Anne Marie Fowler
Rachel Amelia Hampshire
Gwendolyn D. Junious
Florin A. Mihaescu
Michael Blake Nussbeck
Amber Alexandria Pate

Project Management
Douglas Perry Bianchi
James Samuel Boone III
Christina J. Clay
Henry Cooke Jr.
Ivesselys Cruz-Perez
Rachel S. Dabe
Kristoffer C. Drew
Michael Gale Hansen
Matthew Holley
Travis Wayne Lorenzen

Ebony McCray
Angelica Torres Noyola
Megan Arlene Pantuso
Kjanai G. Riley
Anthony Joseph Shelton
Dayana Silva-James
Shaquille Lateef Turner
Christopher S. Wagnon
Mark David Ward
Louis Anthony Wright Jr.
Eboni Che’von Wyatt

MASTER OF SCIENCE

Information Technology
James Leigh Ellis
Lydia Mekhail
Shelby Diean Moody
Cesar Sanchez
Kevin M. Scrima

Information Technology/ Cybersecurity
Ryan Patrick Bolen
Albert Borrego Jr.
Elizabeth Ann Bridges
Sheiloh Shane Agatep Carlos
Andrew Jay Castles
Janis Garrett Davis
Wesley J. Dietz
Lindsey Jordan Duncan
Jeremiah M. Garrison
Roderick D. Green Sr.
Cintia Pombo
Balaji Srirampuram Prabakaran
Robert James Scott
Ricardo Omar Thomas
Joanna Webber
Jariko R. Woodall

Information Technology/ Database Administration
Alicia Greynolds

Information Technology/ Enterprise Resource Planning
Michael Grey
Ebrahim Z. Khiyami
Glaison C. Mathai

College of Engineering and Computing
Dean Marco M. Carvalho, Ph.D.

MASTER OF SCIENCE

Aerospace Engineering
Kendrick S. Buchala
Nicholas Casciola
Casey John Clark
John Michael Kreinbrin
Anuj Pant

Biomedical Engineering
Scott J. Baskerville
Ian M. McClure
Kori Elizabeth Watkins

Chemical Engineering
Victoria Beth Cowdrick
Nathaniel Scott Hodge
Mohammed Abdulrahman A. Melebari

Civil Engineering
Fernando Simon Plaz Hernandez

Computer Engineering
Mansour Abdullah H. Alshammari
Buti Mohammad Buti Mohammad Alsuwaidi
Maryam Najafi
Matthew Howard Ridley
Saxon Stephen Schmauderer
Governor Manakame Shankaranarayana Krishna

Computer Information Systems
Mona Ahmad H. Alharazi
Phillip Michael Batten
Kevin Wayne Bishop
Ezekiel Nikia Burton
Yahya Ali Machishi
Justin J. Byberg
Keith Tyler Vaughan
Jennifer Jill Young

Computer Science
Roger James Ballard
Tyler Culp
Daljeet Kaur Surinderpal Singh
Kaushal
Dhanish Tushar Mehta
Vineet Palan
Shreyas Ramnath

**Electrical Engineering**
Bo Lian
Thomas John Misilo
Abhishek Chaitanya Sabnis
Sidharth Sharma
Yankai Yang

**Engineering Management**
Kristen Melanie Jones
Manasi Sanjay Palod
Tin Pham
Siddharth Velagapudi

**Human-Centered Design**
Moez Lidinallah Fessi

**Information Assurance and Cybersecurity**
Blake Vinton Ailes
Abdullah Rashid Alharbi
Mohammed Jehreen Aljebreen
Andres Arias
Trac Thien Chung
Gregory A. Coulter
Perry J. Ely
Bradford Leslie Neal II
Edwin J. Roman Jr.

**Mechanical Engineering**
Akshit Aluri
Li Dai
Xudong Guo
Andrea Piazza
Sanjana Ramesh
Douglas John Schoeller

**Ocean Engineering**
Julie Renee McCarthy
Erin Elizabeth Walters

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**GRADUATE DEGREES**

**COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS**

*Interim Dean Lisa A. Steelman, Ph.D.*

**MASTER OF ARTS**

**Organizational Leadership**
Chantel Byrd
Arielle Click
Sandra Lynn Geller
Lecanna Nell Hale
Lyncoya Deanna Moore
Bethany Royer
Tiffany A. Shoats
Darrell K. Troxell
Omer A. Trudeau
Abby L. Vargas
Karen Williams

**Professional Behavior Analysis**
Marah Allen
Juliet Arrue Gonzalez
Hannah Bernard
Amanda Brachfeld
Brandon Brake
Elaine C. Brown
Alysha Marie Brumfield
Ashley Elizabeth Cody
Aubrey Lee Conceicao
Gisselle Cordero
Jennifer Crayford
Janet Dai
Tina Phan Truc Dang
Jackie Daoud
Miguel Desmarais
Jenna Michelle Douglass
Miranda Marie Drake
Jalynn Edwards
Elisabeth Kathryn Evans
Maria Angelica Garcia
Lisa Setiadi Ginsburg
Beatriz Margarita Gonzalez
Jack N. Graves
Noelle Enright Gress
Harlee Ann Gruenberg
Veronica Guerrero
Kathryn Marie Harker
Jonathan David Hartnagle
Alexander Hazen
John Henry Hines
Khaja Atiya Johnson
Adriana Kellogg
Sharla Raeann Kliebenstein
Kristin Knight

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**MASTER OF SCIENCE**

**Applied Behavior Analysis**
Amy Enderli
Erin Kendra Kupps

**Applied Behavior Analysis and Organizational Behavior Management**
Marilynn V. Colato
Nelmar Jacinto Cruz
Scott M. Curry
Jesse Ann DePaolo
Shana R. Fentress
Courtney E. Hannula
Krystin Katherine Hussain
Regina Nastrri
Kelsey L. Purcell
Victoria M. Ryan
Samuel M. Shvarts

**Global Strategic Communication**
Abeer Abdallah Muneeb Janakat

**Industrial/Organizational Psychology**
Anthony J. Belluccia
Alicia Marie Camella
Jesse Caylor
Timothy Davis
Zachary Gerald Morgan Glover
Kayla L. Hoelzel
Nicholas A. Moon
Katherine Naomi Bau
Anna K. Saelinger
Yadi Yang
GRADUATE DEGREES

COLLEGE OF SCIENCE

Acting Dean Marco M. Carvalho, Ph.D.

MASTER OF EDUCATION
Nouf Mohammed H. Alshammri

MASTER OF SCIENCE
Biological Sciences/Biotechnology
Batool Abdullah M. Albahrani
Disha Atulkumar Bhavsar

Biological Sciences/Marine Biology
Molly Ann Wightman

Meteorology
Vanessa M. Haley

Operations Research
Purshottam Giri
Faruk Doga Kilinc
Gautam Vashi

Space Sciences
Grace Marie Disher

DEPARTMENT OF EXTENDED STUDIES

Associate Provost Mary Bonhomme, Ph.D.

MASTER OF PUBLIC ADMINISTRATION
Christian K. Jones
Stephanie Louise Moore-Mitchell
Bryan L. Wade

MASTER OF SCIENCE
Acquisition and Contract Management
Muriel Abreu Guzman
Dennis Alber
Amy Elizabeth Bailey
Anthony Thomas Brown
Jimmy W. Creech

Jennifer Elizabeth Dean
Robert Edward Greene
Tara Rhea Hammrich
Cynthia Lee Faust McCommons
Keandra Milligan
Derrick Lee Thompson
Richard Trujillo
Shaniqua Sade Walton

Human Resources Management
Meggan Maurer
Parasram Nivash Sitahal

Logistics Management
Roderick Aplkins
Joseph Todd Boos
Michael Anthony Carr
Derick Lee Collins
Jonathan Mark Hatch
Timothy Richard Hill
Nathan Louis Jarmon
Kathryn Lee Keefe
Harold TraVaughn Lincoln
Alvin F. McLean II
Kedrick Damon Palmer
Jessica Michelle Rodriguez

Logistics Management/Humanitarian and Disaster Relief Logistics
Marcio Donald Edouard

Management
Joshua Campbell
Matthew J. Glembocki
Robert James Heller
Jonathan J. Meiners

Management/Acquisition and Contract Management
Michelle Ann Anzalone
Diedra Leatrice Chisholm
Emanuel Medinasoto

Management/Human Resources Management
Seldon J. Jackson

Management/Information Systems
Steven Edward Brunskole
Marjie Lynn Davis

Management/Logistics Management
Dyke Johnson III
Chris Lenane
Sonja S. Malone
Jake Payne

Project Management
Skyy Monique Lawhorn
Rodney Lee Starling
Yiran Sun
Paul Omid Tissier

Project Management/Information Systems
Sheena Loy Leslie
Tasha Marie Mayne

Quality Management
Charles J. Beard II

Space Systems
Thomas Kenneth Loshe
Luis Miguel Moratala
Craig Stephen Nodorf
Christopher Daniel Phillips
Kaitlynn Nicole Plummer
Christopher Mitchell Shepherd
Ayla Williams

Space Systems Management
Kristina Gonzalez
Dawn Denise Harris
Daniel Robert Palmeater

Supply Chain Management
Michael Beckmann
Yoshema Bryant
Charity N. Carter
Emmanuel Carlo Delmundo
Eric Hudimatch
Kevin R. Kazaks
James Larkin
Peter F. McHugh
Samuel D. Obe
Darren Oliver
Oscar Omar Orozco
Azhah Shah
Camden Blaine Smith
Muhammer F. Tekin

Systems Management/Information Systems
Larissa Mamede De Oliveira
Sagar Mayur Shah

Systems Management/Operations Research
Santhi Harshitha Kuntamukkala

Technology Management
Chad Andrew Alford
Terry Lamont Baltimore
Brendan Kevin Donovan
Joseph Riccardo Mukes
Jorge Antonio Puello
Leonard Calvin Williams Jr.
Brandy Alexandra Wortman
UNDERGRADUATE DEGREES

COLLEGE OF AERONAUTICS

Dean Korhan Oyman, Ph.D.

BACHELOR OF ARTS

Aviation Management

Mark R. Astifan
Alecia Fay Keister—cum laude
Jeremy W. Mitchell

BACHELOR OF SCIENCE

Aeronautical Science/Flight

Tarik Ali M. Alghamdi
Obi Adnan M. Alsahaf
Gazali Mohammed M. Alyamani
Nicholas Anthony Amato
(Also receiving a minor in Unmanned Aerial Systems)
Zachari Patrick Mandela Francis
Austin Reed Garttmeyer
Macie Jane Grant (Also receiving a minor in Applied Human Factors)
Christa Marie Robison (Also receiving a minor in Flight Technology)

Aviation Management

Isra Abdullah Rashid Al Harthi—cum laude (Also receiving a minor in Aviation Environmental Science)
Khaloud Qais Haidar Alzaabi (Also receiving a minor in Aviation Safety)
Yingying Li—magna cum laude
Ziqiao Song
Siqi Sun

ASSOCIATE OF ARTS

Aviation Management

Jason Lewis Black
Joshua Claville
Lacey Greene-Dunn

NATHAN M. BISK
COLLEGE OF BUSINESS

Dean Theodore R. Richardson III, Ed.D.

BACHELOR OF ARTS

Accounting

Jessika Biele—cum laude
Erika Lynn Cheney

Management

Sean Speer

BACHELOR OF SCIENCE

Business Administration

Abdulla Hassan A.M. Al Mal
Samuel T. Bitich
Sara Norwood Grenier

Business Administration/Information Technology

Akuzike Mhone

Business Administration/Sport Management

Ian Michael Sumner—summa cum laude

Information Systems

Mmachi Jason Nwankwo

ASSOCIATE OF ARTS

Accounting

Emily Clements
Michael Gnutza
Vinata Mehra
Tammy Anne Ohlsen
Ben J. Timmerman
Rebecca Sue Withers

Business Administration

Steven G. Gallaher
Randolph Mulder
Samantha Ann Randall

Healthcare Management

Lisa A. Allen
Teri Hockaday Brooks
Cristina Carrion
Amy Jamison
Jennifer L. Jero
Neysa Lewis
Samantha Morse
Nyda Ojeda
Paige Nicole Perry

Management

Bryan S. Cundiff
UNDERGRADUATE DEGREES

COLLEGE OF ENGINEERING AND COMPUTING

Dean Marco M. Carvalho, Ph.D.

BACHELOR OF SCIENCE

Aerospace Engineering
Krishnakumar Balasubramanian
Michael Anthony Gondek
Gonzalo Antonio Rivera

Biomedical Engineering
Jin Young Kim
Vera Seljanina

Chemical Engineering
Yousef Hashem

Civil Engineering
Alejandro Angelici (Also receiving a minor in Business Administration)

Computer Engineering
Sang Bin Han
Sang Jin Han

Computer Information Systems
Jonathan Ardila
Jerome Thomas Bomengo—magna cum laude
Wendy Michelle Cairns—summa cum laude
Chad M. Conroy
Vernon Robert Densler—cum laude
Justin R. Dumas—cum laude
Richard Mark Dunn—cum laude
John C. Fowler
Joel Hernandez—magna cum laude
Sergey Izgorodin—summa cum laude
Shelley Lynn Olliff-Crocker—cum laude
Carlos Jose Rivera
Rayna E. Sanders—summa cum laude
Russell Warren Tatum
Toan Vuong Vu
Scott Craig Walden
David Matthew Whitehead—cum laude
Hao Shan Yu—cum laude

Electrical Engineering
Bijan Bruce Adams
Suliman Khalid S. Almutawa
Faisal Ahmed M. Babdullah
Tylor Francis Slack

Environmental Science
Jessica Marie Morse (Also receiving a B.S. in Sustainability Studies)

Mechanical Engineering
Hunter J. Allen
David Ayodele
Caleb Anthony Baker
Harry U. Brown
Francisco Javier Izquierdo Jimenez
Brandon Christopher Kruizenga
Yajing Liu
Aracelys Martinez
Arnold Nkoane Tsoka
Boyu Zhang

Ocean Engineering
Ticer Pfeifer
Henry L. Tanguay

Software Engineering
Liandra Mandisa Bennett
Boyce Desmond Poleon Jr.

Construction Management
Tahara Ali Mohammed Al Maymani

Computer Science
David M. Beavers
Harshil Chandra Haumeer
Jiayi Wang—cum laude
Samuel Waters
Vincent Maxwell Zottola III (Also receiving a minor in Business Administration)

Criminal Justice
Diane Beatrice Balderas
Timothy M. Baxter—cum laude
Lula A. Lacy—cum laude
Nicole L. Wilson—cum laude

Criminal Justice/ Homeland Security
Meldrick Lamar Davis—cum laude

Humanities
Granneca R. Smith (Also receiving minors in Education and Sustainability)

Humanities / Prelaw
Myriam Abdul Ahad

BACHELOR OF SCIENCE

Communication
Lindsay Patricia Isaac—summa cum laude

Psychology
Charles Gilbert Shapiro

Strategic Communication
Kenneth McDonald—magna cum laude

ASSOCIATE OF ARTS

Applied Psychology
Angela Dawn Crouch
Cynthia Dukes
Stephanie Harden
Nicolete G. Hughes
Sidney A. Megomegal
Ebonie Shantey Spigner
Jill M. Williams

Criminal Justice
Jessica J. Bankey
Judy C. Hodges
Rachael M. Lewis

Liberal Arts
Jeffrey Richard Handy
Jan M. Martinez
Braylin E. Pichardo
Orlando Rosado
COLLEGE OF SCIENCE

Acting Dean Marco M. Carvalho, Ph.D.

BACHELOR OF SCIENCE

Biological Sciences/Genomics and Molecular Genetics
Daniel Francisco Ata Diaz

Biological Sciences/ Marine Biology
Samantha Ann Allard

Biological Sciences/ Molecular Biology
Jessica Leigh Blanco

Biological Sciences/ Premedical Biology
Marsha B. Guillaume

Chemistry/ Research Chemistry
Elizabeth L. Stewart

Mathematical Sciences
Matthew Charles Kyle—summa cum laude

DEPARTMENT OF EXTENDED STUDIES

Associate Provost Mary Bonhomme, Ph.D.

BACHELOR OF SCIENCE

Logistics Management
Joshua Bohanan
Natasha Cervi—magna cum laude
Dear Florida Tech Graduate,

Congratulations on earning your degree! The 63,000+ alumni of the Florida Institute of Technology family and our board of directors are pleased to welcome you into the select group of individuals who have graduated from Florida Tech. Further, we welcome you into the Florida Tech Alumni Association.

Upon graduation, you are automatically a member of the alumni association and have access to many benefits and services. We have arranged for low-cost, short-term health insurance. Our online community provides instant access to our complete alumni directory, job opportunities, permanent email forwarding and more. The Florida Tech alumni page on Facebook provides you with an additional online resource for keeping in touch with other alumni and lets you know about upcoming events such as homecoming, and other vital information.

We hope you will join us in supporting the association and your alma mater. As graduates, we are strongly committed to continuing the development of Florida Tech as a world-class university. Our priorities include recruiting qualified students to enroll in Florida Tech, addressing the issues that are important to encourage student retention, raising funds for scholarships and endowments, and improving the career network of graduates in order to help them meet their career objectives. We also support the university’s efforts in the development of new distance-learning opportunities.

The Florida Tech Alumni Association is dedicated to expanding your feeling of “ownership” of the campus as an alumnus/na and enhancing the pride we all share in this university. In the past, the association successfully spearheaded the effort to renovate the Chao Tsu-Yu Clock and to bring the “Prowling Panther” mascot statue to campus. It has become the focus of new traditions. The association supports the alumni operating endowment, planned giving program and the alumni grant for incoming students, among other endeavors.

You have only one requirement to participate in the many benefits and programs of the alumni association—keep the Office of Alumni Affairs informed of your current mail and email addresses, so we can keep in touch with you. We hope you will consider taking an active role as a member of the alumni community by contributing your time and efforts as a board member, attending local alumni chapter events and supporting the alumni fundraising efforts.

We sincerely hope you will take advantage of the benefits available to you and that you will support our efforts to promote your alma mater.

Again, on behalf of the Florida Tech Alumni Association, I say congratulations to you, the members of the Class of 2018. Best wishes for great success in all your future endeavors!

Sincerely,

Andy Kirbach ’90 B.S.
President, Florida Institute of Technology Alumni Association

This list of candidates for graduation was prepared before final grades were reported and inclusion herein does not constitute evidence of graduation. While every effort is made for clearance prior to the printing deadline, final action to ensure an accurate listing of the names of all persons qualified for degrees cannot always be taken before the program goes to print. Therefore, errors are possible, and the listing of a name in this program should not be constituted as an indication that the person will in fact receive a degree from Florida Institute of Technology at this commencement. Conversely, the absence of a student’s name from this list does not necessarily mean that the person will not be awarded a degree.

This publication was produced by the Florida Institute of Technology Office of the Registrar and Office of Marketing and Communications.
THE STAR-SPANGLED BANNER
Oh, say can you see, by the dawn’s early light
What so proudly we hailed at the twilight’s last gleaming
Whose broad stripes and bright stars, through the perilous fight
O’er the ramparts we watched, were so gallantly streaming
And the rockets’ red glare, the bombs bursting in air
Gave proof through the night that our flag was still there
Oh, say does that star-spangled banner yet wave
O’er the land of the free and the home of the brave
Francis Scott Key (1779–1843)

FLORIDA TECH ALL HAIL!
(ALMA MATER)
Nestled deep within the garden
’Neath the skies of blue
Stands our noble alma mater
Wonderful to view

CHORUS
Lift the chorus, lift it skyward
Sound it to the shore
Florida Tech, our alma mater
To the clouds we soar

We your loyal sons and daughters
Homelands near and far
Clasp our hands in love of learning
Reaching for the stars

CHORUS
Sign of hope and inspiration
Lead to never fail
Ever is our alma mater
Florida Tech all hail!

CHORUS
Lyrics by Mary and Ken Droscher, 2001
Music by H.S. Thompson, "Annie Lisle," 1860