



# MESSAGE FROM THE PRESIDENT

On behalf of Lawrence Technological University's Faculty and Staff, it is with great honor and delight that I congratulate the outstanding Class of 2023! We join your families, friends, loved ones, and all those who believed in you to commemorate your distinguished education and success at Lawrence Tech.

As you welcome the adventure ahead, always know that you have the interdisciplinary skills, professional training, technological background, and leadership abilities to be eminently successful in your future and to continuously adapt to our changing world. The road to earning your degree may have not been an easy journey, but what you will

accomplish with the knowledge you mastered will be significant. Your skills and training will change lives, and have a profoundly positive impact on your families, communities, careers, and, indeed, yourself.

This is only the first step in crafting the bright future you envision for yourself, your family and community, and the world at large. You are the leaders of tomorrow, and we could not be prouder. No matter where you end up, you will always be a Blue Devil who continues to dare! Congratulations, Class of 2023.

Lawrence Technological University

Be curious. Make magic.

#### **Ninety-Fifth Commencement Exercises**

Tarek Sobh, President of the University, Presiding

# 10:00 A.M. CEREMONY

### PROGRAM

# College of Architecture and Design | College of Arts and Sciences College of Business and Information Technology | College of Engineering | Specs@LTU

PRELUDE Including We are LTU — Clint/Case	LTU Marching Band Anthony Case, Director
PROCESSIONAL OF FACULTY AND GRADUATES	Cabar Feidh Pipe Band
*NATIONAL ANTHEM The Star Spangled Banner — Smith	LTU Marching Band
GREETING	
ADDRESS TO THE GRADUATES	Charles Fishman
ACKNOWLEDGMENT AND PRESENTATION OF CANDIDATES	Richard Heist Provost
CONFERRING OF DEGREES	President Sobh
RECOGNITION OF CANDIDATES	President Sobh and the Deans
ALUMNI ASSOCIATION WELCOME	BSEE '89, Director, LTU Alumni Association
*RECESSIONAL OF FACULTY AND GRADUATES	Cabar Feidh Pipe Band

<sup>\*</sup> For the enjoyment of all guests, the audience must remain seated for the entire ceremony except during the National Anthem or when otherwise directed. Please do not stand or leave your seats until all participants in the Recessional have exited the Field House.

Each graduate will be photographed crossing the stage by the professional photography service Graduation Foto. Proofs will be mailed.

### ABOUT THE SPEAKER



#### **CHARLES FISHMAN**

When JFK proposed the moon mission, NASA had no rockets, no computer that could navigate there, and certainly no spacesuits for the astronauts to wear. Yet eight years later, the American flag was firmly planted at Tranquility Base. The space race marked the most ambitious, most urgent, and most public project the world had ever seen. To get the job done not only required herculean effort, but bold leadership, creativity, discipline, and the teamwork of an entire country. In One Giant Leap, acclaimed New York Times bestselling author Charles Fishman explains how NASA

managed 400,000 people over the course of eight years, without once losing sight of their goal—no matter how daunting it seemed. Drawing from his years of original research, Fishman dives into the notion of "innovation on-demand:" Can we simply invent what we don't know? And can we do it on a deadline? A budget? NASA narrowed in on the country's shared—albeit, unprecedented—goal to create a culture of accountability, trust, autonomy, and community that fueled the project onward. Using the space agency's unique management model as a blueprint, Fishman shows audiences that creativity does not have to be stifled by process, nor mired in bureaucracy.

Intriguing, dramatic, and awe-inspiring, the moon landing undoubtedly makes for a great story, but it offers even more valuable lessons: how to unite in times of crises, how to think about human potential, and how to solve problems big and small. As the world once again faces large, complex, seemingly insurmountable challenges, we turn to mankind's greatest achievement to guide us through.

Fishman—a three-time winner of the prestigious Gerald Loeb Award for Distinguished Business and Financial Journalism—is a renowned investigative and explanatory journalist, and no stranger to NASA. He spent six months covering the Challenger space shuttle disaster as a national reporter for The Washington Post, and has reported on space ever since, for The Atlantic, Fast Company, and Smithsonian. Fishman is also the author of The Wal-Mart Effect, the New York Times bestseller that was the first book to get inside Wal-Mart and explain how the world's largest company really works. He is also the author of The Big Thirst: The Secret Life and Turbulent Future of Water, the bestselling book about water in a generation, chosen as a common read for a dozen schools and universities. Fishman is a contributor to The Atlantic, Fast Company, and Smithsonian, and is also the co-author of the #1 New York Times bestseller, A Curious Mind, about the power of curiosity, with Hollywood producer Brian Grazer.

# 10:00 A.M. CEREMONY

# COLLEGE OF ARCHITECTURE AND DESIGN

#### Dean Karl Daubmann

#### **Master of Architecture**

Kaitlin Marie Ancel Aaron Gerald Baldwin Joshua Lee Baumgardner Farhana Becker Matthew Charles Bowman Ryan M. Brooks Mario Alessandro Chiesa ❖ Kirsten Lorraine Crawford ❖ Devin Andrew Derr ❖ Pilar Marguerite Ganger ❖ Nicholas Lee Geers Lydia Elise Irving

Anna Kashuka ❖
Betina Lashawn Latiker ❖
Stephanie Leon Leclerc ❖
Nicholas Scott Owens ❖
Bhargav Maheshbhai Paruthi ❖
Vian Sadah Raikany

Ashley Joy Reilly ❖ Jaret Oliver Rice ❖ Aamer Shirazie ❖

#### **Bachelor of Fine Arts in Game Design**

Michael R. Antal Lee Grant Bradford III

Jasmine Sheresse Spurlin &

**Griffin Thomas Weathers** 

#### **Bachelor of Fine Arts in Graphic Design**

Daniel Cook ◆ David Aloysius DeCruydt \*

Evelyn Grace Herrmann &

Nicole Lenore Jagger \*

#### **Bachelor of Interior Architecture**

Amelia Rose Rothfuss

#### **Bachelor of Science in Architecture**

Aaron Gerald Baldwin ◆
James Bernard Cartwright III

Kirsten Lorraine Crawford ◆ Devin Andrew Derr ◆

Brent Austin Matthews Chad Lee Thompson

#### Graduate Certificate in Building Information Modeling and Computer Visualization

Farhana Becker Michael Robert Zonca

# COLLEGE OF ARTS AND SCIENCES

#### Interim Dean Patrick Nelson

#### **Master of Science in Artificial Intelligence**

Steven Russ Brownlee

#### **Master of Science in Computer Science**

Mahesh Datta Addagiri Gregory T. Galetto
Santosh Kumar Behera Manaswi Gurram
Giuseppe Carmine Americo DeRose Jr. Sri Harsha Kollipara

Yeswitha Chowdary Mandalapu Lakshmi Prasanna Kumar Rayala Mohana Harika Velagapudi

#### Post Baccalaureate Certificate in Pre-Medical Studies

Haya Tarek Sobh

#### **Bachelor of Arts in Media Communication**

Elizabeth Lorraine Coon &

#### **Bachelor of Science in Computer Science**

Patrick Cour Dominic Guarino Lazarus James Kmet ❖ Sean MacLaren Pilet Xavier Rafael Espinoza Jacob Randall Hallett Trevor Rand Miller ❖ Stephanie Shermak

#### **Bachelor of Science in Psychology**

Christian Clark-Broaden DiOnna Rai Hill

#### **Associate of Arts in Media Arts and Production**

Tyler Seth Shanbom \*

#### **Associate of Science in General Studies**

Ni'Emah Karima Hills Anthony Robert Simmons

#### **Undergraduate Certificate in Industrial and Organizational Psychology**

Morgan Elise Hess

### COLLEGE OF BUSINESS AND INFORMATION TECHNOLOGY

#### Interim Dean Matthew Cole

#### **Master of Business Administration**

Zainab Al-Madan Mohamed Essawy Nourshan J. Hussein Kelly A. Slazinski
Princealex Ayoola Nelcy Andrea Fonseca Gonzalez Matthew Vincent Krawczyk Bavithra Vetrimurugan
Arturo Carlos Gonzalez Jax Marshall Gasaway Przemyslaw Pikul
Bryce Alexander Ebert Bryan Hughes Alina Marie Piton

#### **Master of Science in Business Data Analytics**

Ashwik Gadikindi

#### **Master of Science in Information Technology**

Safaa Tareg Gedair Vineela Kandru Neelmani Kashyap Hassen Noureddine Jacob Jay Hawley Steve Karamon Zakariya Awad Noor

#### **Bachelor of Science in Business Administration Finance**

Shane Palonis \*

#### **Bachelor of Science in Business Administration General Business**

Diego Colombo

#### **Bachelor of Science in Business Administration Information Technology**

Marwah Saad

#### **Bachelor of Science in Business Administration Marketing**

Evelyn Grace Herrmann & Marko Matovski

#### **Bachelor of Science in Information Technology**

Asia Alali \* Tyler Kilvington

#### **Graduate Certificate in Cybersecurity**

Zakariya Awad Noor

#### **Graduate Certificate in Project Management**

Zainab Al-Madan Arturo Carlos Gonzalez

### COLLEGE OF ENGINEERING

#### Dean Nabil F. Grace

#### **Master of Construction Engineering Management**

Ahmad Shoaib Mirzad

**Master of Engineering Management** 

Rushdy Hanoodi Jessica Anne Shelby Vidita Prerna Shukla

**Master of Science in Architectural Engineering** 

Karim Bazzi Kaitlyn Terekoe Lawhead Anthony Robert Simmons Evelyn May Edwards Sidney Rose McClay Jenna Nicole VanZomeren

**Master of Science in Artificial Intelligence** 

Steven Russ Brownlee

**Master of Science in Automotive Engineering** 

Parth Sanjiv BachalFeroz MohammedDeep Rajeshkumar PrajapatiPavan Kumar SadineniRagheb FaisalArjun NallacheryRathish Raj RajkumarNithin Kumar Vasam

**Master of Science in Biomedical Engineering** 

Salvatore Lyle Brauer Sophia Estelle Judge Anthony Wash

**Master of Science in Civil Engineering** 

Michael Frank Ales Jr. Ajmal Siddique

**Master of Science in Electrical and Computer Engineering** 

Labeeb Marooki Kevin Joseph Stinnette

**Master of Science in Engineering Quality** 

la Thao

**Master of Science in Industrial Engineering** 

Ziyad Adnan AlKassir Sai Chand Gogisetty Vyoma Teja Sajja

Bharani Beemanapally Sai Abhijith Medavarapu Sushil Dev Kumar Sivakumar

Master of Science in Mechanical Engineering

Neaam Abdulwahid Alani Saba Khalid Mohammed Priyank Keralbhai Shah Venkata Sai Pavan Kumar Veluturla

**Master of Science in Mechatronic Systems Engineering** 

Chadwick Northey Syed Saif Ali Shah

**Bachelor of Science in Audio Engineering Technology** 

Luke Thomas Flickema \* Jordan Michael Gardner Zachary R. Van Nes

**Bachelor of Science in Biomedical Engineering** 

Adam Ronald Hill ♦ Julia Anne Lefere ♦ Nathaniel David Orlando \* Mouaying Vang

Dahlia Marie Jerovsek \* Sydney Erica Zhen Lincoln ◆ Bohdi K. Tomas ❖

**Bachelor of Science in Civil Engineering** 

Jessica Lynn Bettley ◆ Jeremy A. Dolphin **\*** Jacob R. Stawinski

DeMarcus T. Bush Ivan Richard Ginsbach

#### **Bachelor of Science in Computer Engineering**

Sulaiman Alenezi Keith Allan Nemecek 🌣 Brenden Kristopher Preiss 💠

#### Bachelor of Science in Construction Engineering Technology and Management

Callaghn Quinn

#### **Bachelor of Science in Electrical Engineering**

Naser Alenezi \*
Abdullah Husain Alghareeb
Khalefa Saleh Alghareeb
Torab Saad Algharib \*

Abdulrahman Alhammadi Abdullah Aljuwayyan \* Saud Aljuwayyan \* Fahad M H M H Almutairi Mohammed Hamad Alotaibi \*
Adnan Jaber AlShawa
Tavin Mathew Ardell \*
Jacob Edward Bratkowski \*

Marcel M. Essak Noor Abdulaziz Malallah \* Michael Gerald Mulville III Jose Pazmino Manotoa

#### **Bachelor of Science in Industrial Engineering**

Kristin Marie McOueen

#### Bachelor of Science in Mechanical and Manufacturing Engineering Technology

Hunter James Cassidy Kevin Charles Powell ♦ Zachary Bryce Semansky Callie Marie Tatum ♦

#### **Bachelor of Science in Mechanical Engineering**

Amy Jessica Al-Abawi Nathan Barszcz Jarred Adam Baxter Collin Mitchell Clark ❖★ Samuel Lee DeKuiper ◆ Jaycob Douglas Foster Isaac Lucas Grainger Ryan Richard Greenwald \* Jacob Lawrence Kidd Lei Li Thomas Nelson Lombardi **\*** Silvana Martinov Courtney Ann Matheson ◆ Lauren Louise Porter Brendan Matthew Ray James Jacob Schiavi ◆
Timothy S. Shoemaker ❖
Brianna Lynn Staton-Dauphin ❖

Erin Wehler \*

#### **Bachelor of Science in Robotics Engineering**

Yeen K. Lee Brenden Kristopher Preiss 💠 Victor Queinnec \* Kyle John Tomczik

#### **Graduate Certificate in Lean Six Sigma**

Ziyad Adnan AlKassir Sai Chand Gogisetty Bharani Beemanapally Sai Abhijith Medavarapu Abdulhamid Hassan Mobarki Vyoma Teja Sajja Sushil Dev Kumar Sivakumar

# SPECS@LTU

#### Coordinator Jeremy Anderson

#### **Professional Development Certificate in Broadcast Media Arts**

Sherice Andrea Bell Joshua Thomas Bruce Romeo Durasevic Drake Novess Hoskins Andrew Michael Hosmer Aidan William O'Neil Alissa Marlene Phillips Soláe Florencia Pope-White Davianna Simpkins Kyle Alexander Smith William Benjamin Watson

#### **Professional Development Certificate in Digital Media Arts**

Jack Robert Conner Tyler Donovan Kennedy
Ernest Ray Dixon III Quanye Rainier Seay

Tucker McKinley White

#### **Professional Development Certificate in Graphic Design**

Michael Conner Arsenault Nyla Autumn Hitchins Kelvin Jerrod Moorer Jr. Neya Chant'e Moorer

## PROGRAM NOTES

#### **FACULTY MARSHALS AND STUDENT FLAG BEARERS**

Grand Marshal: Scott Schneider

Architecture and Design: Stephen Mallory

Flag Bearer: Jasmine Spurlin Arts and Sciences: Chris Cartwright Flag Bearer: Elizabeth Coon

Business and Information Technology: Pavlo Tsebro

Flag Bearer: Zakariya A. Noor Engineering: Andy Gerhart Flag Bearer: Collin Clark

#### **READERS**

Paul Jaussen, Leslie Michalik, Stefanie Janes, Cynthia Simpson

#### **UNIVERSITY USHERS**

Ushers include members of Lawrence Tech's Alumni Association and staff.

#### **DIPLOMA HONORS**

A number of graduates have distinguished themselves through superior academic achievement. Three levels of academic achievement are noted. Cum Laude (honors) recognizes students receiving a minimum 3.25 GPA. Magna Cum Laude (high honors) recognizes students receiving a minimum 3.5 GPA. Summa Cum Laude (highest honors) recognizes students receiving a minimum 3.75 GPA. "With Distinction" recognizes academic achievement in the master's degree program in the College of Architecture and Design. Honors cited at December Commencement are as of the summer semester and are finalized upon assessment of academic performance during the final semester. Honors are inscribed on the diplomas and transcripts of eligible students.

#### **VETERAN HONOR PINS**

Lawrence Technological University is proud to recognize its graduating veterans and military members with a red, white, and blue honor pin. The pin colors replicate those of our nation's flag to denote the valor, excellence, and sacrifice these individuals have exemplified in their service to the United States Armed Forces. The entire Lawrence Tech community extends its deepest gratitude and congratulations to these distinguished graduates.

#### **CLASS GIFT CORDS**

Graduates who made a gift to the Senior Class Gift Campaign, led by the Student Philanthropy Council, wear a special royal and light blue philanthropy cord. Every year, students, alumni and friends contribute to support academic departments, scholarships, technology and facility upgrades, and more. These gifts enhance every part of campus. The Lawrence Tech community congratulates these graduates and gratefully acknowledges their support of new generations of Blue Devils.

#### **QUEST PROGRAM**

Lawrence Tech's Quest Program is a co-curricular experiential learning initiative for highly motivated College of Arts and Sciences students who wish to engage in unique project-based learning experiences above and beyond the requirements of a course. Quest students complete a project involving research, scholarship, or creative work under the mentorship of a faculty member. Project outcomes are disseminated via a poster at Lawrence Tech's annual Research Day event and also through a video presentation available on the Quest website.

#### GRAND CHALLENGE SCHOLARS PROGRAM

Motivated by the National Academy of Engineering's 14 Grand Challenges for Enigineering, the GCSP is a combined curricular, co-curricular, and extra-curricular program with five competencies that are designed to prepare the next generation of students for adressing the grand challenges facing society in this century.

#### **HONORS PROGRAM**

The University's Honors Program is designed for highly motivated students who achieved a high level of academic success in high school. It provides opportunities to excel in rigorous coursework and seeks to offer the best possible preparation for professional careers or post-graduate education. Participants complete 20 credit hours of honors courses that approach subjects at a deeper, more challenging level. The aim is to enhance the quantity and quality of learning, intellectual and social experiences, and provide opportunities for service learning.

#### **CERTIFICATION**

Certification of the indicated degree or honors is subject to the satisfactory completion of requirements for graduation. Listing in this program does not guarantee graduation or designated honors from the University.

#### THE LAWRENCE TECH SONG

Concluding today's prelude music is Lawrence Tech's fight song, We are LTU. It dates to 1932, the year the University was founded. H. O'Reilly Clint wrote the words and music. Clint (1900–61) was a composer, songwriter, and author whose work also includes My Michigan, adopted by concurrent resolution of the Michigan House and Senate in 1937 as the state's official song.

In 1978, it was revived and has been played at every
Commencement since. For more, visit www.ltu.edu/news/tradition.asp.
In 2013, after more than a 45-year hiatus, Lawrence Tech appointed
Anthony Case as director of bands to kick-start the resurgence of
Blue Devil musical pride. Upon the revival of the band program,
Mr. Case updated the fight song lyrics and music to reflect
Lawrence Tech's new direction while paying homage to the original.
Today, the song is performed by Lawrence Tech's band at nearly all
games, assemblies, convocations, and other events.

#### WE ARE LTU (original words)

No matter what our call We hail the white and blue And in our struggles great or small Our loyalties we pledge to you Rah! Rah! Rah!

(chorus)

Dear old LTU

To the blue devil flag you're flying

We give our highest praise

And our forever love undying

And in the class or on the field

We'll make you proud with victory too

Praises sing blue devil pride - we are LTU!

### ABOUT ACADEMIC REGALIA

The pageantry and color of Lawrence Technological University's Commencement Exercises reveal the academic achievements of participating students, faculty, administration, and guests. Gowns, hoods, head coverings, and even tassels provide a convenient way of determining academic degrees and the institution that granted them. Most of today's academic costumes were standardized in 1895 by the Intercollegiate Commission, a group of leading American educators.

There are three types of gowns. Those worn by the Bachelors have long, pointed sleeves. Gowns worn by Masters have oblong sleeves. Neither gown has any trimmings. Doctors' gowns are trimmed on the front with velvet. Each sleeve has three velvet bars which may vary in color, depending upon the type of doctoral degree.

Hoods are made of material identical to the gown and are lined in the academic color or colors of the institution conferring the degree. Colors of the velvet edging indicate the general subject of the degree. Caps come in several versions — usually square-topped, including the flat mortarboard and the soft fabric cap. A tassel is usually fastened to the middle of the cap's top. Lawrence Tech's graduates may move the tassel from right to left upon receipt of their degrees.

Colors of edging of hoods, tassels, and trim on academic costumes normally have the following significance: persons wearing white have studied arts, letters, or humanities. Theologians wear red. Philosophy is signified by blue — the color of wisdom and truth — thus persons who hold the PhD often have blue on their hoods. Other colors include: engineering, orange; science, golden yellow; economics, copper; education, light blue; architecture, blue violet; fine arts, brown; journalism, crimson; library science, lemon; oratory, silver gray; commerce, accountancy, business, and industrial management, olive drab; and law, purple.

Members of several of the national honor societies having chapters at Lawrence Tech have elected to wear honor cords or stoles.

### ABOUT LAWRENCE TECHNOLOGICAL UNIVERSITY

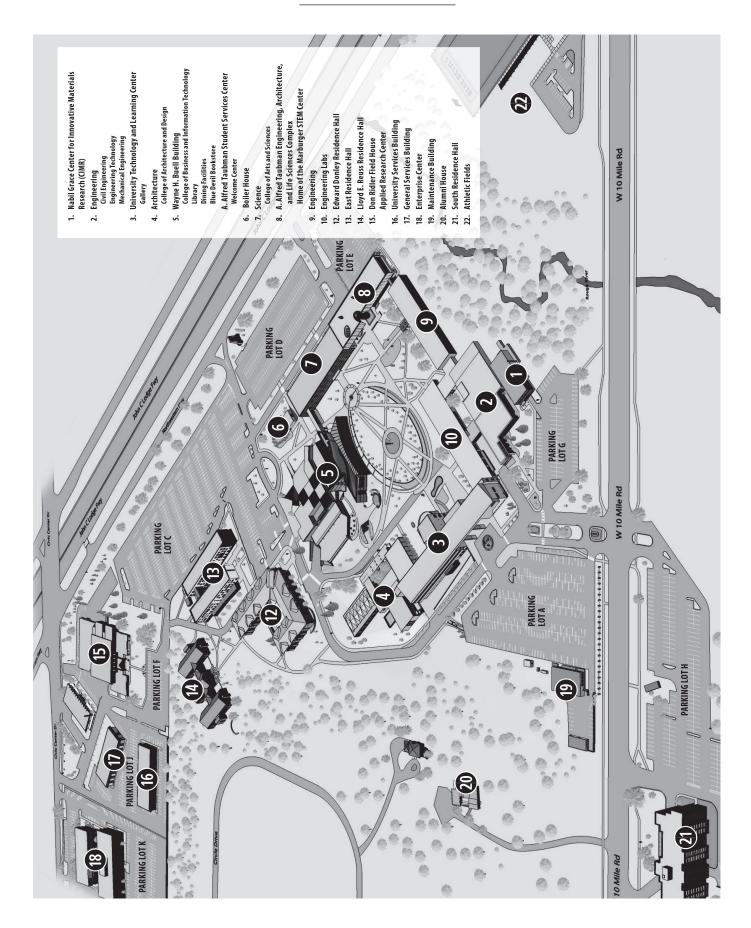
Lawrence Technological University, founded in 1932 by entrepreneurial brothers Russell and George Lawrence, developed during an innovation explosion that would change the world. Henry and Edsel Ford provided guidance and helped launch the revolutionary experiment that became Lawrence Tech. LTU is still changing the world by preparing students to solve tomorrow's problems. Students and alumni have gone on to design and engineer the tools, buildings, and products that helped define their generations. Today's LTU students will do the same.

An Independent university supported by the philanthropy of benefactors, LTU offers more than 100 programs through the doctoral level in its Colleges of Architecture and Design, Arts and Sciences, Business and Information Technology, Engineering and Health Sciences. Students benefit from small class sizes and a real-world, hands-on, "theory and practice" education with an emphasis on leadership. Activities on Lawrence Tech's 107-acre campus include more than 60 student organizations and NAIA varsity sports.

Students gain real-world experiences through co-ops, internships, and professional development. *U.S. News & World Report* and the Princeton Review rank LTU among the nation's best universities. The Brookings Institution ranks LTU fifth among U.S. colleges and universities for boosting graduates' earning potential and payscale.com reports alumni salaries are in the top 11 percent nationally.



# CAMPUS MAP AND TECH TRANSIT SHUTTLE PICKUP



### **BOARD OF TRUSTEES**

Elizabeth (Beth) Baker, BSEE'92 Former Vice President of Operations ITC Holdings Corp. (2016)

#### **Christine (Chris) Barman**

**Chief Executive Officer** Project Re:Car (2022)

Donna Bell, BSEE'89 **Executive Vice President of** Product Creation, Engineering & **Supply Chain Lordstown Motors** (2020)

Mitchell Clauw, BSME'86 Former Vice President Head of Global Pre-Programs and **Program Management** FCA Fiat Chrysler Automobiles (2018)

#### Douglas E. Ebert

Chairman of the Board Lawrence Technological University; Former Chief Operating Officer Cranbrook Educational Community (2006; chair as of 2014)

Beverly Hannah-Jones, BAr'85, BSAr'88, MAr'00 **Chief Executive Officer** Hannah & Associates, Inc. (2022)

Dr. Nikki Kennedy, BSEE'95 Chief Executive Officer ArborHive (2023)

Raymond R. Khan, BSEE'70 Former Sr. Vice President, Chief **Information Officer** Blue Cross/Blue Shield of Michigan (2002)

**Jeff Lemmer**, BSMCS'87 Former Vice President and **Chief Information Officer** Ford Motor Co. (2019)

#### **Larry D. Lyons**

Former Vice President Car and Minivan Product Team Chrysler Corp. (2002)

#### **Martin Manna**

Chaldean American Chamber of Commerce (2023)

#### **David A. Nicholson**

President and Chief Executive Officer Electrical, Electronics Safety, PVS Chemicals, Inc. (2019)

Victor A. Saroki, BSAr'79, BAr'80 President Saroki Architecture (2007)

Kirk T. Steudle, BSCE'87 President, Stuedle Executive Group; Former Senior Vice President **Econolite Systems**; **Former Director** Michigan Department of Transportation (2020)

Daniel W. Winey, BSAr'74, BAr'75, MAr'15 **Chief Operating Officer** Gensler (2016)

#### **David B. Wohleen**

**Former President** and Interior Sector Delphi Corp. (2004)

**EX OFFICIO** Tarek M. Sobh, Ph.D. P.E. President Lawrence Technological University

(Year below each trustee's name denotes the year first elected.)



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