



ALUMNI AWARDS

INDUCTION CEREMONY

March 8, 2025



Georgia Tech
**College of
Engineering**

2025 INDUCTEES

DEAN'S IMPACT AWARD

SlateSafety – Joseph Boettcher, Zachary Braun, and Tyler Sisk

COUNCIL OF OUTSTANDING YOUNG ENGINEERING ALUMNI

Nathan Buchbinder
Shreya Dwarakanath
Raghav Kohli

Jacob M. Kwasnik
Alexandra Mandrycky

Robert D. Moser
Anna Thomas
Emily Woods

ACADEMY OF DISTINGUISHED ENGINEERING ALUMNI

Latanza W. Adjei
Clint Bailey
Geraldine Ekpo

Ken Klaer
Roderick McLean
Guillermo A. Ruiz II
John Slaughter

Lindsey Thornhill
Gary Weissel
H. Arthur (Art) Williams

ENGINEERING HALL OF FAME

James R. Borders
Sheldon J. Fox
Robyn Gatens

Charles H. Gaylord, Jr.
H. Ronald Nash, Jr.

José Domingo Pérez
Carl D. Ring
Marshall D. Wingo

DEAN'S APPRECIATION AWARD

The Wallace H. Coulter Foundation

the CEREMONY

WELCOME Raheem A. Beyah
Dean and Southern Company Chair

CO-HOST Shane Kimbrough
*M.S. OR 1998
Colonel, U.S. Army, retired
NASA Astronaut, retired*

STUDENT SPEAKER Leslie Nava
*B.S. AE, Class of 2028
Dean's Scholar*

INDUCTION Dean's Impact Award
Council of Outstanding Young Engineering Alumni
Academy of Distinguished Engineering Alumni
Engineering Hall of Fame
Dean's Appreciation Award

**ACKNOWLEDGMENTS
& CLOSING REMARKS** Raheem A. Beyah

the MENU

SALAD

Field Greens with Strawberries

*Mixed Field Greens and Romaine, Goat Cheese, Strawberries,
Scallion Curls, Black Peppercorn Vinaigrette*

PRE-SELECTED ENTRÉE

Short Rib and Striped Bass

*Slow Braised Boneless Beef Short Rib and Roasted Striped Bass, Potato Parsnip Gratin
Roasted Heirloom Carrot Medley with Dried Cherries*

Fried Oyster Mushroom Chops (Gluten Free, Vegan)

*Sweet Potato Puree, Broccolini,
Cipollini Onions, Mushroom Reduction*

DESSERT

French Butter Cream Torte

*Lemon Butter Cake, Raspberry Jam, Lemon Curd and French Butter Cream
with Raspberry Coulis and Fresh Raspberries*

Gingersnap Cheesecake

*Vanilla Cheesecake, Spiced Graham Sable
Bourbon Caramel Sauce, Spiced Whipped Cream*

DINNER WINES

Raeburn Chardonnay

Jezebel Pinot Noir

from THE DEAN

Dear Honorees and Guests:

As a native Atlantan and a double Jacket (master's and Ph.D. in ECE), I couldn't be happier and more honored to celebrate tonight's honorees. Five years into my role as dean of the College, the ideas and accomplishments of our engineering alumni continue to amaze and humble me.

This evening, we are again reminded of their tremendous contributions to society. Through their stories and triumphs, we celebrate the many ways this year's honorees have shaped the past and are helping define our future.

Tonight, you'll hear about experiences that have taken them across the country and around the world. This group has done it all: They lead globally recognized companies and have started their own businesses. They manage astronauts and missions to the Moon, are pioneers in the telecommunications industry, and shaped the skyline of Atlanta. And this year, we're particularly honored to recognize a foundation that helped us establish a biomedical engineering program that has grown to be a National Academy-recognized leader in education and research in just 25 years.

Our honorees are the epitome of Georgia Tech, and I'm humbled to stand among them as members of our alumni community. They are inspiring and remarkable. They serve as ambassadors for our students, who are preparing to follow in their lofty footsteps. And most of all, they are each a Helluva Engineer.

We're glad to have you with us for this special ceremony. Please enjoy the evening with friends, family, and the College of Engineering community.



RAHEEM A. BEYAH

Dean and Southern Company Chair
College of Engineering
Georgia Institute of Technology

from THE PRESIDENT



ÁNGEL CABRERA

President
Georgia Institute of Technology

Dear Distinguished Alumni and Guests:

Greetings and welcome to the Georgia Tech College of Engineering Alumni Awards, one of the College's most important celebrations. The College is foundational to the Institute's history and success. In fact, 56% of all Georgia Tech alumni are engineering graduates.

Since 1994, the College has used this occasion to honor the many accomplishments of the Institute's most distinguished engineering alumni. I extend my warmest and most sincere congratulations to all of tonight's honorees — who are an inspiration to our younger alumni and our current students. You are a lasting symbol of Georgia Tech's enduring reputation for excellence and innovation, and a living testament to our mission of developing leaders who advance technology and improve the human condition. Each of you has made a significant impact in your respective fields of expertise, and I am honored and tremendously proud to celebrate those accomplishments.

Thank you for all you have done and continue to do for your own communities and organizations. You are shining examples of everything that is special about being a Georgia Tech Yellow Jacket and the reason why the College continues to be recognized as one of the greatest in the world.

Enjoy tonight's ceremony and *Go Jackets!*

CO-HOST

A graduate of West Point, where he captained the baseball team and earned an undergraduate degree in aerospace engineering, Shane went on to serve as an AH-64 Apache helicopter pilot in the Army, flying combat missions during Desert Storm.

After his military service, Shane earned his Georgia Tech master's degree, then returned to West Point as an assistant professor in the Department of Mathematical Sciences.

In 2004, he was selected as an astronaut candidate by NASA, becoming part of the first class chosen after the Columbia disaster. He has since flown three missions to the International Space Station (ISS) on three different spacecraft: the Space Shuttle, the Russian Soyuz, and the SpaceX Crew Dragon. This achievement makes him the third American to fly on three different spacecraft and the first in 40 years.

With a total of 388 days in space, Shane ranks fifth all-time among U.S. astronauts. He has completed nine spacewalks, accumulating 60 hours of EVA (extravehicular activity) time. He served as the commander of the ISS for the Expedition 49/50 mission and the commander of the SpaceX Crew-2 mission, which spent 199 days off the planet, making it the longest spaceflight of a crewed vehicle in history.



SHANE KIMBROUGH

M.S. OR 1998

Colonel, U.S. Army, retired
NASA Astronaut, retired

student **SPEAKER**



LESLIE NAVA

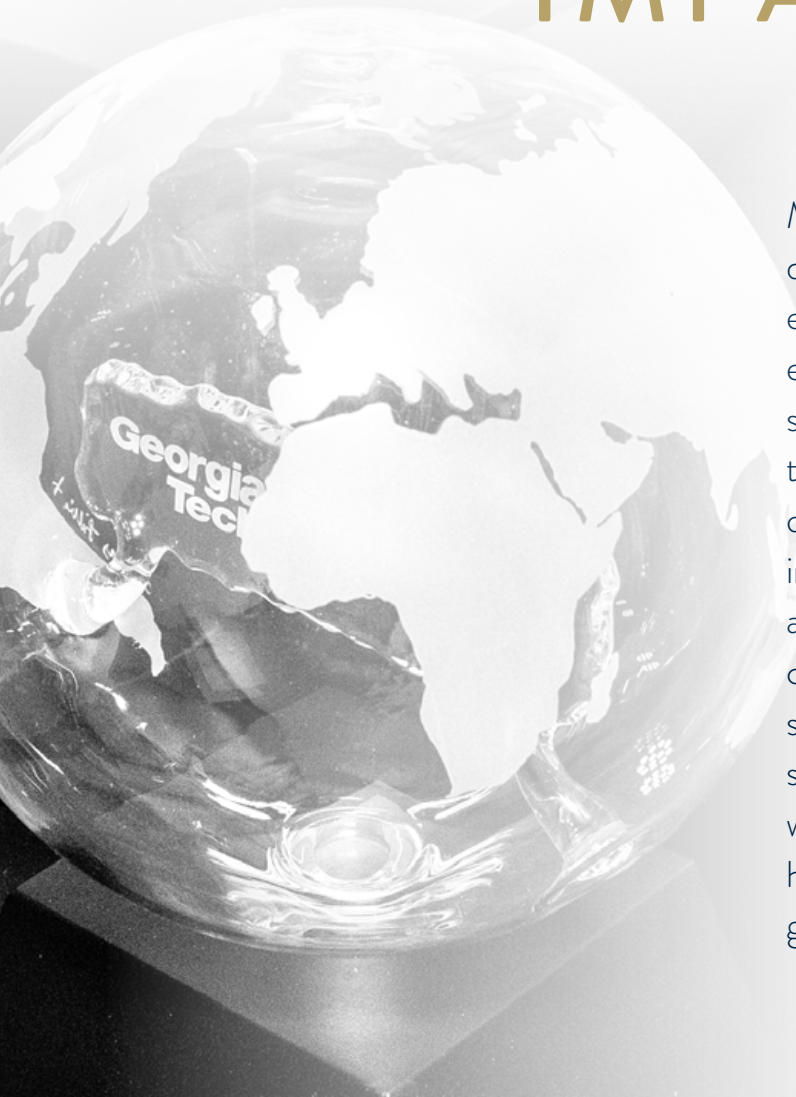
B.S. AE, Class of 2028

Dean's Scholar

Leslie is a Dean's Scholar from Fort Worth, Texas. Passionate about inspiring youth in STEM, she aspires to become an influential engineer, entrepreneur, and astronaut. She serves on the board of directors for the Society of Hispanic Professional Engineers (SHPE) at Georgia Tech, where she leverages her photography and graphic design skills to create engaging content for the SHPE community. She also participates in the Yellow Jacket Space Program, assisting the Avionics team in soldering and assembling printed circuit boards.

As a first-generation college student and student pilot, Leslie is committed to breaking barriers and representing underrepresented students in STEM. She envisions establishing a flight school and programs to expand flying opportunities and nurture future STEM leaders. Leslie has been recognized with numerous awards, including the Engineering National Youth Award from the Hispanic Heritage Foundation, the Roger W. Kahn & Lockheed Martin Marilyn Hewson scholarships from the American Institute of Aeronautics and Astronautics, UNCF STEM Scholar, and is an AIAA Diversity Scholar. Her mission is to transform aspirations into realities and inspire limitless possibilities.

Dean's IMPACT AWARD



Many College of Engineering alumni have devoted themselves to fostering a more equitable global community that also is ecologically, socio-culturally, and economically sustainable. The Dean's Impact Award recognizes the efforts of these alumni who are focused on developing globally relevant, locally sustainable innovations that meet societal challenges across the world. The College of Engineering is committed to a multicultural, multidisciplinary, sustainable, and international engagement by our students. This award recognizes those graduates who embrace engineering through this lens and have a vision to find solutions for the world's grand challenges.



JOSEPH BOETTCHER

EE 2017, M.S. CS 2021

Chief Development Officer



ZACHARY BRAUN

CMPE 2017, M.S. CS 2021

Chief Executive Officer



TYLER SISK

EE 2017

Chief Technology Officer

SLATESAFETY

Workers worldwide face harsh and demanding conditions. The International Labor Organization reports that 313 million workers are injured and 2.3 million lose their lives every year, leading to a global economic loss of \$12.5 trillion. The tools that should be keeping workers safe are outdated, hard to use, and unconnected.

SlateSafety's goal is to change that. The company has created a modern, easy-to-use, and connected safety system that protects workers in real-time. Its flagship product is a wearable device worn on the arm, designed to alert workers and supervisors whenever a worker faces unsafe conditions. Companies such as Perrigo, Southern Company, and Bechtel rely on the system to safeguard workers when working alone or in high-heat environments. The U.S. military also utilizes the system to protect recruits during training. Last year, SlateSafety issued alerts for over 40,000 potential safety risks worldwide.



Council of **OUTSTANDING YOUNG ENGINEERING ALUMNI**

The Council of Outstanding Young Engineering Alumni Award recognizes alumni who have distinguished themselves through professional practice and service to the Institute, the engineering profession, or society at large. They are on the fast track and have made rapid advancement within their organizations. Already, they have been recognized for early achievements by others within their profession, field, or organization.

NATHAN BUCHBINDER

SHREYA DWARAKANATH

RAGHAV KOHLI

JACOB M. KWASNIK

ALEXANDRA MANDRYCKY

ROBERT D. MOSER

ANNA THOMAS

EMILY WOODS



**NATHAN
BUCHBINDER**

MBID 2016

Cofounder and
Chief Strategy Officer

Proscia

Nathan's role is to guide Proscia in continuing to set the direction for the future of pathology and precision medicine. His work sits at the intersection of the market leader's customers, products, and the broader pathology and laboratory community.

Nathan oversees strategic growth opportunities and translates vision into reality as Proscia continues to rewire the practice of pathology for precision medicine with software, data, and AI. Nathan earned his bachelor's degree in biomedical engineering from Johns Hopkins University before coming to Georgia Tech's Biomedical Innovation and Development program.



**SHREYA
DWARAKANATH**

**MBA 2019,
M.S. MSE 2019,
Ph.D. MSE 2020**

Principal

Boston Consulting Group

Shreya is a core member of the technology and energy practice areas at Boston Consulting Group (BCG). She has led cross functional teams to deliver projects on generative AI-based cost optimization, identifying innovative technology assets to develop new revenue streams, and organizational design to enhance go-to-market effectiveness. She partners with C-suite executives to drive insights, build support, and bring ambitious ideas to fruition.

Outside of BCG, Shreya is actively engaged in the semiconductor ecosystem, including technical publications and organizing the 2025 Chiplet summit. Shreya's Georgia Tech thesis focused on ultra-low K dielectrics for chiplet architectures, earning her best paper awards and a panel spot at an IEEE conference on "The Vision of Packaging." Her academic contributions include over 10 publications in advanced packaging journals.

Prior to Georgia Tech, Shreya earned her bachelor's degree in materials science from IIT Madras. She is passionate about blending technology and strategy to drive growth across industries.



RAGHAV KOHLI

EE 2007

General Counsel
Foundry Technologies, Inc.

Raghav's role supports Foundry's focus on democratizing compute for the next generation of AI innovations. The startup is backed by Silicon Valley's leading venture capital firms and has developed a new breed of public cloud, powered by an orchestration platform that makes accessing AI compute as easy as turning on a light.

Prior to joining Foundry, Raghav spent a decade at Alphabet where he served on the leadership team at Waymo, playing a critical role in the development, deployment, and commercialization of lifesaving fully autonomous technology. He also provided legal counsel to Google on the launch of their consumer hardware business and their platforms used by billions of people.

In 2023, Raghav was named "40 under 40" by the *Silicon Valley Business Journal*, a recognition honoring rising executives that have shaped the Bay Area and are paving the way for what comes next.

Raghav met his wife, Purvi (CHBE 2007), while studying at Georgia Tech. They have three kids and reside in the San Francisco Bay Area.



JACOB M. KWASNIK

AE 2008

Vice President of Engineering
Boeing

Jake began his career at Boeing Commercial Airplanes in Seattle as an aerodynamics engineer. His career has been guided by three core passions: developing airplanes, solving complex problems, and leading people. These guiding principles have shaped his diverse assignments in both engineering and leadership roles across multiple commercial and military airplane programs.

In his current role, Jake leads a multidisciplinary engineering team responsible for program engineering of critical military platforms, including the P-8, KC-46, E-7, VC-25B, B-52, and Executive Transport aircraft. Jake is responsible for ensuring product integrity, safety, and technical excellence while driving program execution and timely product delivery.

Outside of work, Jake is passionate about promoting STEM education and developing future leaders through mentoring and championing leadership development. He serves on the AE School Advisory Council.



**ALEXANDRA
MANDRYCKY**

IE 2013

Assistant General Manager
Seattle Kraken

In her role, Alexandra pushes the National Hockey League's newest franchise to innovate on its way to winning. After a four-year stint with the NHL's Minnesota Wild from 2015-19, Alexandra joined the Kraken franchise in its infancy. She was part of the team that moved the franchise from zero players and staff to a full operation in the middle of the Covid-19 pandemic. She played a pivotal role in constructing the team's roster, blending traditional scouting with cutting-edge analytics.

Alexandra leads the Amateur Scouting group and the Research & Development group, which develops analytics and technology to support all facets of hockey operations — management, scouting, coaching, and sport science. She is one of six female assistant GMs in the NHL.

An Atlanta native, she lives in Seattle with her husband, Christian (BMED 2012), and their son.



ROBERT D. MOSER

**CE 2007, M.S. CE 2009,
Ph.D. CE 2011**

Director, Senior
Executive Service

U.S. Army Engineer Research
and Development Center

Robert serves as director of the Army's Information Technology Laboratory (ITL), where he provides leadership in the development and execution of a broad range of R&D and operational programs on behalf of the U.S. Army Corps of Engineers, the Army, the Department of Defense (DOD), and other federal agencies. Those efforts focus on computational science, information science, information technology, high-performance computing, high-bandwidth communications and data transfer, geographic information systems, software engineering, and scientific visualization. Additionally, the ITL operates and manages the DOD High Performance Computing Modernization Program, one of the five DOD Supercomputing Resource Centers.

Robert oversees an annual operating budget of over \$550 million and staff of over 700 federal and contractor personnel. He also serves as the authorizing official for the DOD-wide Defense Research and Engineering Network, serves as U.S. Army Engineer Research and Development Center's chief information officer, and leads the Center's Engineered Resilient Systems R&D area.



ANNA THOMAS

CHBE 2013

Founder, Owner,
and Principal Consultant
Altimetry Consulting, LLC

After graduation, Anna completed a Fulbright Scholarship in Germany doing combustion research. She attended Stanford University for her master's and doctorate in aeronautics and astronautics with a focus on the physical chemistry of green in-space propellants. Anna then took a Director's Fellowship at the National Renewable Energy Laboratory focusing on the chemical kinetics of autoignition and soot formation for alternative fuels for ground transportation and aviation applications.

Being drawn to the strategy and business growth aspects of scientific innovation within aerospace and sustainability, Anna has since worked in management and strategy consulting, venture capital, and entrepreneurship. Prior to founding Altimetry to help more clients in aviation, space, and sustainability, she served as chief strategy officer for Boom Supersonic, overseeing the company's fuels and sustainability efforts.

Anna enjoys mentoring through the Astronaut Scholarship Foundation as a former recipient and acting as a startup mentor through a local angel investing organization.



EMILY WOODS

ME 2010

COO and Cofounder
Sanivation

Through her Georgia Tech experiences with GTRI, work abroad, and Engineers Without Borders, Emily found a passion for human waste management in underserved areas. She went on to earn a master's from the University of California, Berkeley, in renewable energy focused on the reuse of human waste. She cofounded Sanivation, a social enterprise that provides sanitation solutions for cities in East Africa. Sanivation partners with local governments to improve the dignity, health, and environment of rapidly urbanizing secondary cities.

Emily holds two U.S. patents for fecal waste treatment and transformation to solid fuel. Her experience includes waste management projects in Kenya across the sanitation value chain, from containment to emptying, transport, treatment, and reuse. Her expertise is at the intersection of technology, business models, stakeholder relations, policy, and operations. She is a Forbes "30 under 30" honoree and was among the Georgia Tech Alumni Association's first class of "40 Under 40" recipients. She is proud to have made Kenya her home for over 12 years.



Academy of **DISTINGUISHED ENGINEERING ALUMNI**

The Academy of Distinguished Engineering Alumni Award recognizes alumni who have provided distinguished contributions to the Institute, profession, field, or society at large. Candidates are highly placed executives and are actively involved in engineering, management, industry, academia, or government.

LATANZA W. ADJEI

CLINT BAILEY

GERALDINE EKPO

KEN KLAER

RODERICK MCLEAN

GUILLERMO A. RUIZ II

JOHN SLAUGHTER

LINDSEY THORNHILL

GARY WEISSEL

H. ARTHUR (ART) WILLIAMS



LATANZA W. ADJEI

IE 1998

Senior Vice President,
Customer Experience
Chief Customer Officer
Georgia Power

Latanza's roles at Georgia Power transform how customers experience and interact with the company. She is responsible for orchestrating seamless interactions across physical and digital channels to enhance the customer experience for the entire customer base. Her organization effectively delivers customer outcomes and provides robust insights into the drivers of customer satisfaction to build customer loyalty, revenue growth, and cost reduction.

Latanza began her career with Georgia Power in 1994 as an ISyE co-op student. During her career, she has served in positions of increasing responsibility in pricing and planning, marketing, sales, and customer service. She has held various executive roles over the last decade, including vice president of Sales and Marketing and vice president of Corporate Services.

A native of Atlanta, Latanza is a graduate of Leadership Rockdale, DeKalb, and Atlanta. She is currently a trustee of the Georgia Tech Alumni Association and Leadership Atlanta. She also serves on the boards of the College of Engineering, Communities in School Atlanta, and the Fox Theatre.

Latanza resides in Atlanta with her husband, Solomon. They enjoy playing tennis and traveling, and they've visited five continents.



CLINT BAILEY

TE 1997

CEO
Techbridge, Inc.

Guided by the principles of integrity, servant leadership, and entrepreneurship, Clint brings a consistent work ethic and a commitment to building meaningful relationships to every aspect of his work. He leads TechBridge, a technology nonprofit dedicated to driving large-scale community and social impact. By uniting diverse stakeholders, Clint ensures that TechBridge delivers on the values that have shaped his life, using technology as a force for good to create sustainable, positive change.

Clint was a member of Leadership Atlanta's 2014 class and received Women in Technology's 2020 Build Her Up Award. He has served on the Board of Trustees for the Georgia Tech Alumni Association and currently serves on the advisory board for the School of Materials Science and Engineering.

Clint is a third generation Atlantan who resides in Sandy Springs with his wife, Tracy, and two sons, Ryan and Garrett. Clint is a dedicated Yellow Jacket fan and supporter of all things Georgia Tech. He's also an avid fan of the Braves and Hawks.



GERALDINE EKPO

BMED 2004

Reproductive Endocrinology and Infertility Specialist; Regional Medical Director - West Coast

Kindbody

Geraldine was part of the first class to complete the Wallace H. Coulter Department of Biomedical Engineering undergraduate program in 2004, graduating summa cum laude. She went on to earn her medical degree from the University of Michigan Medical School and completed her OB-GYN residency at Northwestern University in Chicago. She further specialized with a fellowship in reproductive endocrinology and infertility (REI) at the University of California, San Francisco (UCSF).

Board-certified in both OB-GYN and REI, Geraldine is a member of the prestigious Alpha Omega Alpha Honor Medical Society and is passionate about increasing access to reproductive care and education. She has been involved in training OB-GYN residents at the UCSF/Zuckerberg San Francisco General Hospital. She's currently helping families grow as a dedicated reproductive endocrinology and infertility specialist at Kindbody, a network of over 30 fertility clinics across the country. She also is the West Coast regional medical director. Geraldine currently practices in Walnut Creek and San Francisco, California.



KEN KLAER

IE 1981

Executive Vice President and President, Comcast Technology Solutions

Comcast

Ken leads Comcast Technology Solutions (CTS), a team of four global operating units responsible for “Connecting Comcast Technology to the World.” Additionally, CTS includes oversight of the joint venture managing the Android alternative for cable TV devices. Ken also has responsibility for the Comcast India Engineering Center.

Ken joined Comcast in 2014 as senior vice president, Premises Technology. He spent eight years with Cisco Systems. He also held leadership roles in general management, business development, and product service management at Scientific Atlanta, which was acquired by Cisco in 2005.

In 2015, Ken was inducted into the Cable TV Pioneers, which recognizes those who have played a key role in building that industry. He is an executive sponsor of Comcast's partnership with the nonprofit FIRST Robotics (For Inspiration and Recognition of Science and Technology).

Ken and his wife, Maria, are both ISyE graduates. They have two daughters and five grandchildren.



RODERICK MCLEAN

M.S. EE 1993

Vice President and General Manager, Air Mobility and Maritime Missions

Marietta Site General Manager
Lockheed Martin

Roderick is responsible for Lockheed Martin's C-130 Hercules transport, the C-5 strategic airlifter, and the P-3 Orion programs. As site general manager, he also is responsible for the facility manufacturing center wing assemblies for the F-35 fighter aircraft, provides sustainment support for the F-22 Raptor, and supports several Skunkworks Advanced Development Program activities.

Roderick joined Lockheed Martin in 1994 as a radar systems engineer in Moorestown, New Jersey, and previously served as the vice president and general manager of F-16/F-22 Integrated Fighter Group Programs at Lockheed Martin in Fort Worth, Texas.

In addition to his Tech degree, Roderick earned a bachelor's in electrical engineering from North Carolina A&T State University and an MBA from the University of Maryland. He serves on the College of Engineering External Advisory Board, the North Carolina A&T Engineering Advisory Board, and the Metro Atlanta Chamber Board of Directors. Roderick is a National Association of Corporate Directors certified director and previously served on the board of Draken International. He and his wife, Kathy, have three children.



GUILLERMO A. RUIZ II

CHE 1998

Global Vice President and General Partner

Vinmar International and MoreThan Capital

Guillermo is an authentic leader with nearly three decades of expertise in the petrochemical industry and a proven track record in entrepreneurship. As global vice president of a leading petrochemical distribution and trading company, he oversees global strategy and all buy-side activities. He also is a managing partner and cofounder of MoreThan Capital, a venture capital firm dedicated to driving transformative impact across industries.

Guillermo's career has taken him to over 80 countries, shaping his global perspective and leadership style. After 15 years in the Netherlands, where he led European operations and served as a Georgia Tech Alumni Ambassador, he now resides in Houston. Guillermo holds an MBA from the University of Houston and completed the Advanced Management Program at Harvard Business School.

A passionate advocate for giving back, Guillermo and his wife founded Sin Muros, a center for adults with intellectual disabilities in Peru. He also cofounded AMP Investment Partners, an investment club for Harvard alumni, where he serves on the board and investment committee.

Guillermo's greatest pride is his family: his wife, Beth, and their two children, Diana and William.



JOHN SLAUGHTER

EE 1989, M.S. EE 1990

Interim President

Herrick Technology Laboratories

A West Virginian, John was drawn to Georgia Tech by the late Dr. E. Jo Baker's President's Scholarship. Tom Gaylord of the School of Electrical Engineering was a particularly memorable employer and mentor.

Upon graduation, John was fortunate to gain employment as a radio frequency design engineer with the iconic defense electronics firm Watkins-Johnson Company. There, he learned how to properly use a soldering iron, helped design and deliver state-of-the-art broadband communications and signal processing equipment, and wrote several well-received technical papers.

Further good fortune ensued in 1997, when John was invited onto the ground floor of Digital Receiver Technology, Inc., where he helped build even more exciting software-defined radios. He retired in 2011 as vice president of engineering.

John has since invested in and served on the boards of RF and SDR companies Atlanta Micro and Herrick Technology Labs. He has been a contributor to Georgia Tech's President's Scholarship, ECE, the football program, and the magnificent barbell squat and deadlift sections of the Campus Recreation Center.



LINDSEY THORNHILL

**ME 1984,
M.S. ME 1986,
Ph.D. ME 1996**

Executive Vice President
and Board Director

Integrated Solutions
for Systems (IS4S)

Lindsey joined IS4S in 2015, where he has been engaged in new business development efforts and managing a team of scientists and engineers to develop and demonstrate novel prototype technology for the Department of Defense. Before joining IS4S, Lindsey managed the Advanced Concepts Division at Science Applications International Corp. (SAIC). At both, he has led teams to capture and successfully execute technology development programs that advanced technology across diverse applications, including air-delivered weapon systems, chemical and biological agent defeat, autonomous robotic systems, hybrid power systems, and algal biofuel systems.

Lindsey received the Sigma Xi Research Award for his M.S. thesis in the Woodruff School. He was also awarded SAIC's Physics Publication of the Year for a paper based on his dissertation, which appeared in the Cambridge *Journal of Plasma Physics*. Lindsey served on the Woodruff School External Advisory Board as a member and chair. He has also served on the Board of Visitors at the University of Georgia.



GARY WEISSEL

AE 1993

Managing Officer

Tronos Aviation Consulting, Inc.

Gary started Tronos Aviation Consulting, Inc. in 2014 and provides a wide variety of consulting services to the air transport industry, advising operators, leasing and finance companies, manufacturers, and governments on aviation-related challenges.

Prior to Tronos, he spent 14 years at ICF SH&E in a variety of senior leadership roles. Gary also has held positions in program management, engineering, and interiors at B/E Aerospace and Delta Air Lines.

He was a key member of the congressionally mandated study on the feasibility of in-cabin wheelchair restraint systems and recently was coauthor of a paper by the University of Michigan Transportation Research Institute on “Evaluating Wheelchairs for Potential Use as Aircraft Seating.” He regularly is cited in the aviation press, speaks at industry conferences, and has appeared on CNN and NBC as an aviation expert.

Gary is the current chair of the AE School Advisory Council, a mentor in residence, and a member of the College’s External Advisory Board.



**H. ARTHUR (ART)
WILLIAMS**

CE 1983

Vice Chairman and COO

Williams Industries, Inc.

Williams Enterprises
of Georgia

Combined, Williams Industries in Manassas, Virginia, and Williams Enterprises in Smyrna, Georgia, are the 10th largest steel specialty contractor in the country, focusing their efforts on steel erection and fabrication in the mid-Atlantic and Southeast. Art has worked at Williams Industries and Williams Enterprises for more than 40 years. Past projects include recognizable buildings such as Atlanta’s Phillips Arena, McCamish Pavilion, and the Bank of America Tower.

Art served on the CEE External Advisory Board and has previously served on the board of the Steel Erectors Association of America. He is a deacon in his church and the president of the Williams Family Foundation, an organization which focuses its grants on charities local to Northern Virginia. Art and his wife, Susan (IM 1983), live in Vienna, Virginia, and have one daughter.

ENGINEERING HALL *of* FAME

Membership in the Engineering Hall of Fame is reserved for individuals holding an engineering degree or honorary degree from Georgia Tech. Those selected have made meritorious engineering or managerial contributions during their careers.

JAMES R. BORDERS

SHELDON J. FOX

ROBYN GATENS

CHARLES H. GAYLORD, JR.

H. RONALD NASH, JR.

JOSÉ DOMINGO PÉREZ

CARL D. RING

MARSHALL D. WINGO





JAMES R. BORDERS

ME 1983

Founder and
Chief Executive Officer

Novare Group

Jim began his career in the Gulf of Mexico as a systems engineer for Gearhart Industries after working offshore for Placid Oil Company all four of his summers at Georgia Tech. He then returned to Georgia, where he earned his JD/MBA from the University of Georgia, practiced law at King & Spalding, and was a turnaround manager at GrandWest.

In 1992, he founded Novare Group. The company's early developments were the adaptive reuse of several Atlanta buildings, including Peachtree Lofts and the historic Biltmore Hotel. In 2002, Novare Group delivered its first high-rise development, Metropolis, which has been credited with sparking the residential demand that helped transform Midtown Atlanta into today's vibrant neighborhood. The company has developed over 20,000 multifamily units in 64 communities. Eighteen buildings have been SkyHouse® communities, a rapid-build, efficient high-rise program Jim conceived and Novare executed 2011-16.

Jim has received lifetime achievement awards from the Atlanta Commercial Board of Realtors, Georgia State's Robinson College of Business, the Urban Land Institute, and the *Atlanta Business Chronicle*. He is a member of the Hill Society and a recipient of the Petit Distinguished Service Award. He is currently vice chairman of the Georgia Tech Foundation and lives in Atlanta with his wife, Sarah. They have two daughters, Savannah and Maggie.



SHELDON J. FOX

EE 1981, M.S. EE 1982

Retired Senior Vice President,
Operations and IT

Harris Corporation
(now L3Harris)

Over a 35-year career at Harris, Sheldon served as president of Defense Systems and Intelligence Systems, as well as group president for Government Systems. He moved to the corporate office to lead the integration of Harris's largest acquisition, then held a number of executive leadership roles spanning program management, engineering, supply chain, operations, and IT.

Sheldon was a football Academic All-American, National Football Foundation Scholar Athlete, and Georgia Tech Scholar Athlete. After Tech, he attended UNC-Chapel Hill to earn his MBA as a Morehead fellow. His education continued throughout his career with executive management programs at UPenn Wharton, UVA Darden, and the Defense Systems Management College.

Sheldon's service on boards includes the Georgia Tech Foundation, Georgia Tech Advisory Board, Georgia Tech A-T Fund, Enterprise Florida, Second Harvest Food Bank, and Feeding Tampa Bay.

He and his wife, Cindy, grew up in Miami and have three children: Shana, a University of Florida grad with a master's from the University of Southern California; Lainey, a University of Central Florida grad with a master's from Northwestern; and Jordan, a Florida State University grad with a master's from Georgia Tech.



ROBYN GATENS

CHE 1985

Director, International
Space Station

Acting Director,
Commercial Spaceflight

NASA

Robyn is globally recognized for her career-long leadership and contributions to NASA's human spaceflight missions. Upon graduating from Georgia Tech, Robyn began her career at NASA in the development and management of life support and habitation systems for the International Space Station (ISS) and other missions.

As director of the ISS and acting director for Commercial Spaceflight, she leads strategy, policy, integration, and stakeholder engagement for the ISS, commercial low-Earth orbit (LEO), and commercial crew programs. She is also the lead strategist for securing a continuous LEO presence for the U.S. by enabling a successful, long-term private sector commercial LEO space economy.

Additionally, Robyn serves as NASA's liaison to the ISS National Laboratory and is an active participant and speaker in international spaceflight conferences and forums. She co-chairs a government interagency working group planning for future LEO space research and development to achieve national objectives, strengthen economies, and enhance the quality of life here on Earth for all people.

Robyn served on the Georgia Tech Alumni Board of Trustees and has a passion for global student engagement, including speaking to and mentoring students of all ages interested in pursuing careers in STEM and the space industry.



CHARLES H. GAYLORD, JR.

AE 1967, M.S. AE 1969

Retired CEO, ChipSoft
(merged with Intuit)

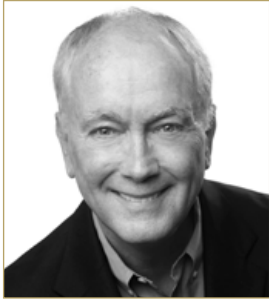
Retired Executive
Vice President, Intuit

After graduating from Georgia Tech, Charlie attended the Harvard Business School and earned his MBA. He started his career with a small petroleum company as assistant to the president. Over 17 years, he would become president of the U.S. holding company as well as executive vice president and member of the senior management committee of the international group.

As ChipSoft's CEO, Charlie led the company's initial and secondary public offerings. ChipSoft developed the popular TurboTax software, and Charlie was the strategic force behind ChipSoft's merger with Intuit.

After retiring from Intuit, Charlie invested in developing software companies, served as a mentor to management teams, particularly young CEOs, and served on several public and private boards, such as Cardiff, Forte, HNC, Itron, Maxis, Resumix, Retek, Silicon Energy, Stac, and Stellcom.

Charlie has been married for 59 years, has two children, and four grandchildren. He is an avid hiker and lives in Del Mar, California.



H. RONALD NASH, JR.
IE 1970
Managing Director
Nash Technology Group

Ron successfully developed and scaled several innovative technology companies as CEO. He also provided senior corporate officer leadership of two multibillion-dollar technology companies: Perot Systems and EDS. As a venture capital investor, he built multiple breakthrough technology companies to a market value exceeding \$1 billion.

Ron served his country as senior advisor for transformation and reform of the Department of Defense, an expert at the Defense Management Institute, and a member of the United States Army.

Ron has served on and led numerous Georgia Tech groups, including the Georgia Tech Foundation, the Georgia Tech Advisory Board, Georgia Tech-Europe, Georgia Tech Arts, and the ISyE Advisory Board. That's in addition to the Tennenbaum Institute and the Alexander-Tharpe Fund. Ron is a member of the Hill Society.

He has been active on the board of the University of Texas at Dallas' Jindal School of Management, where he earned his MBA after leaving Georgia Tech. He also served on the University of Texas System Chancellor's Council. Ron is the author of *The Making of a Business Leader*, a book about business leadership.



JOSÉ DOMINGO PÉREZ
CE 1971
President,
Caribe Tecno, Inc.
President, Pan American
Academy of Engineering

A year after graduating from Georgia Tech, José founded Caribe Tecno, Inc., a firm recognized for leadership, excellence, and innovation in sustainable resilient infrastructure and building, development, design-build, and construction. Through half a century, the company has built more than a billion dollars' worth of projects, including landmarks earning national and international awards. At 27, José was elected president of Puerto Rico's Institute of Civil Engineers, reflecting recognition by peers on his engineering proficiency and professional leadership. Subsequently, he served on The Governors' Advisory Boards in Construction, International Commerce, and others. José was also a two-term president of Puerto Rico's Associated General Contractors and member of the AGC's Executive Committee in Washington, D.C.

In recognition of his lifelong commitment to engineering and education, Puerto Rico's largest private university named its engineering school the José Domingo Pérez School of Engineering in 2006. Since 2022, he has been president of the Pan American Academy of Engineering (PAAE), fostering engineering education and development to address damages due to natural disasters, design and construct climate-resilient infrastructure, and advocate for climate change mitigation and adaptation. His leadership has transcended PAAE's hemispheric influence, garnering recognition from the National Academy of Engineering and international forums in Europe, Asia, and the Americas.



CARL D. RING

ME 1978

Retired Chairman and CEO
Ring Container
Technologies, LLC

After graduating and spending two years with DuPont, Carl joined his father's company, Ring Can Corp., in Oakland, Tennessee. His challenge was to build the company's first plastics plant to supplement its metal can product offering. This first plant used machinery designed and built in-house and soon sold out. As machinery advanced significantly, Carl went on to build 20 highly automated clean-room factories across the U.S., Canada, and Great Britain to supply many of the world's leading food producers. The company was renamed Ring Container Technologies, LLC (RCT) in 2000 and remains one of the nation's largest and most respected manufacturers of plastic food containers.

Over 37 years, Carl served as engineer, president, CEO, and chairman. In 2017, RCT was acquired by MSD Partners. MSD continues to grow RCT and has maintained its culture where people are valued, respected, and encouraged to have fun.

Carl and his wife, Trish, have four grown children and reside in Memphis, Atlanta, and their ranch in Cashiers, North Carolina, where he is still designing and building machinery.



MARSHALL D. WINGO

TEXT 1967

Retired Senior Vice President
and General Manager
The American Funds Group

Marshall has had two careers: a senior operating officer for a major airline and senior partner at a major mutual fund company.

He is a native Atlantan and currently resides with his wife, Rhonda, in Austin, Texas. Marshall is the father of two adult sons, one of whom is a Georgia Tech graduate. He's an avid outdoorsman who enjoys golf, hunting, and fishing. He credits Tech with changing the trajectory of his life and playing a major role in his success.



Dean's APPRECIATION AWARD



The College of Engineering has many valued supporters who are regularly recognized and appreciated by the College. The Dean's Appreciation Award is a special honor for those individuals who have made extraordinary contributions to the advancement of the College of Engineering. The award may go to engineering alumni or to honor individuals who have brought distinction to the College and Georgia Tech.

THE WALLACE H. COULTER FOUNDATION



SUE VAN

President and CEO

In 1999, the Foundation started programs in the fields of scientific and medical research. Domestic biomedical societies, such as the American Society of Hematology, the American Association of Clinical Chemistry, the International Society for Advancement of Cytometry, and others, were given substantial grants to teach state-of-the-art scientific and technological advances in less-resourced countries. In 2005, the Translational Research Program in Biomedical Engineering was launched to provide risk capital for universities to accelerate innovations and inventions from the academic laboratories to the patient bedside. Today, this program has produced more than \$5 billion in follow-on funding and is considered the gold standard for university translational research.

The Wallace H. Coulter Foundation is the largest funder of civic engagement for Asian Americans, Native Hawaiians, and Pacific Islanders (AANHPI) and American Indian and Alaskan Natives (AIAN). These populations have been underresourced, underserved and underrepresented by the lack of philanthropic and government support for decades. Due to limited investments, these communities were often invisible, had no voice and no seat at the table. Therefore, the vision and mission of

Coulter is to build long-term power in these communities. The Foundation provided risk capital and seed investments to build capacity and infrastructure for national and state-based organizations starting in the AANHPI community with the 2010 Census and in the AIAN community in the 2018 midterms. The Foundation has invested \$250,000,000 into these communities.

Prior to establishing the foundations, Sue was the executive vice president and CFO of Coulter Corporation, as well as the trustee of both owners' personal trusts. She was responsible for the company's long-term strategy, financial, and legal affairs. Coulter was the leader in global medical diagnostics that created and built the market for automated hematology, revolutionizing clinical laboratory medicine. Her background and experience were shaped by the private company that was No. 1 in the world for over 40 years.

Sue was born in Shanghai, China, and emigrated to the U.S. at the age of five. She has a B.A. in Political Science from American University and an M.A. in International Affairs from George Washington University. The Wallace H. Coulter Trust closed 2024 and the Wallace H. Coulter Foundation shortly thereafter.

Associate DEANS



MATTHIEU BLOCH

Associate Dean for
Academic Affairs



KIMBERLY KURTIS

Associate Dean for Faculty
Development and Scholarship



HANG LU

Associate Dean for
Research and Innovation



DAMON P. WILLIAMS

Associate Dean for
Outreach and Engagement



DOUGLAS WILLIAMS

Senior Associate Dean

School CHAIRS



MITCHELL L. R. WALKER II

William R. T. Oakes
Professor and Chair,
Daniel Guggenheim School
of Aerospace Engineering



ALYSSA PANITCH

Wallace H. Coulter Chair,
Wallace H. Coulter Department
of Biomedical Engineering
at Georgia Tech and Emory



CHRISTOPHER JONES

John F. Brock III Chair,
School of Chemical and
Biomolecular Engineering



DONALD WEBSTER

Karen and John Huff Chair,
School of Civil and
Environmental Engineering



ARIJIT RAYCHOWDHURY

Steve W. Chaddick Chair,
School of Electrical and
Computer Engineering



PINAR KESKINOCAK

H. Milton and
Carolyn J. Stewart Chair,
H. Milton Stewart School of
Industrial and Systems Engineering



NATALIE STINGELIN

Chair,
School of Materials Science
and Engineering



DEVESH RANJAN

Eugene C. Gwaltney, Jr. Chair,
George W. Woodruff School
of Mechanical Engineering

History of the ALUMNI AWARDS

Each year, the College of Engineering recognizes select alumni who have contributed to the profession, advanced in their careers, and enhanced the lives of others both personally and professionally. These outstanding alumni are reviewed by committees within each of the College's eight schools and formally submitted for selection.

The College of Engineering Alumni Awards were created in 1994 under the leadership of John A. White during his tenure as dean. He passed the torch to Jean-Lou Chameau, former Georgia Tech provost and engineering dean, whose outstanding service to the College led him to receive the 2006 Dean's Appreciation Award from then-Dean Don P. Giddens, a Tech engineering alumnus. For the next six years, the program would fall under the guidance of Dean Gary S. May, who received his B.S. degree in electrical and computer engineering from Georgia Tech. In 2017, Steven W. McLaughlin was appointed dean and served until 2020, when he was named the Institute's provost. The Awards are now under the leadership of Dean Raheem A. Beyah, a native Atlantan who earned his Georgia Tech master's and Ph.D. degrees in electrical and computer engineering.

Special Thanks

Shane Kimbrough

CO-HOST

Leslie Nava

AE, Dean's Scholar

STUDENT SPEAKER

Malia Everett

BME, Dean's Scholar

VIOLINIST

Ashley Díaz Duenas

BME, Clark Scholar

Mandolyn Holliday

ME, Clark Scholar

Jayson Ndungu

CmpE, Clark Scholar

Caleigh Watson

MSE, Clark Scholar

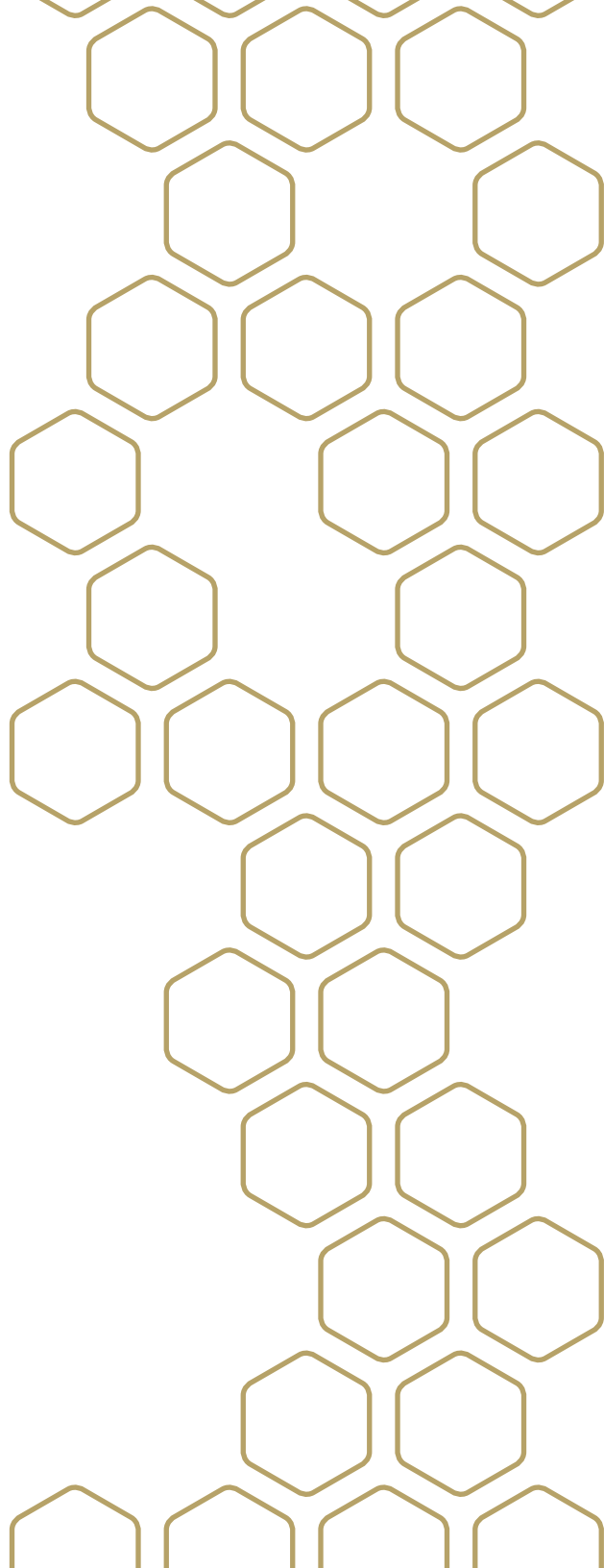
STUDENT VOLUNTEERS

Buzz

Ramblin' Reck Club

Georgia Tech Pep Band

College of Engineering Staff



Georgia Tech
**College of
Engineering**