

Fail 2014

C. Murray-Rust

GEORGIA INSTITUTE OF TECHNOLOGY



FALL COMMENCEMENT DECEMBER 12-13, 2014

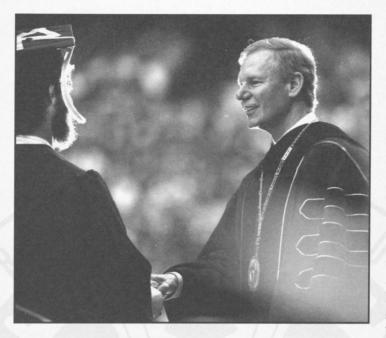
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INSIDE BACK COVER

Alma Mater and Ramblin'Wreck Lyrics

Welcome



Welcome to the 248th Commencement of the Georgia Institute of Technology. On behalf of the entire Georgia Tech community, I extend our greetings to friends, families, and guests gathered here for this significant event.

For approximately 1,800 undergraduate and graduate students, this weekend's ceremonies recognize their academic achievements at Georgia Tech and inaugurate a new era in their careers.

At this weekend's ceremonies, we are awarding bachelor's, master's, and doctoral degrees through our six colleges and 29 schools. At Georgia Tech, we are proud to be ranked the seventh best public university in the nation by *U.S. News & World Report.* Our College of Engineering is ranked among the top five, and our Scheller College of Business MBA program ranks among the nation's top 30.

As a member of the Association of American Universities, Georgia Tech has outstanding programs in engineering, architecture, business, computing, liberal arts, and the sciences. With more than 23,000 students _ and more than 138,000 living alumni who work in business, industry, and government throughout the world, Tech has become internationally recognized for the quality of its educational and research programs.

That said, we are also keenly aware that such impressive accolades would not be possible without our incredibly talented and hard-working students. Our students consistently excel in the classroom and the laboratory, in co-op work assignments and study/ work abroad programs, and in countless campus leadership and community service roles. I am inspired by their dedication, proud of their accomplishments, and tremendously hopeful about their futures.

I'd also like to thank all the family members and friends of our graduates who have done so much to guide, challenge, and inspire these gifted students both prior to and during their time here at Tech.

We hope that you enjoy today's festivities and we wish you and your graduate a bright and successful future.

Sincerely,

G.P. "Bud" Peterson President, Georgia Institute of Technology

Doctoral Hooding Ceremony

December 12, 2014 10 a.m. Order of Events

PROCESSIONAL

Commencement Overture, Coordinated by the School of Music

MASTER OF CEREMONIES

Dr. Rafael L. Bras, Provost and Executive Vice President for Academic Affairs

NATIONAL ANTHEM

Coordinated by the School of Music

WELCOME ADDRESS

Dr. Susan E. Cozzens, Vice Provost for Graduate Education and Faculty Affairs

PRESENTATION AND HOODING OF DOCTORAL DEGREE CANDIDATES

Dr. Bras

ALMA MATER

Coordinated by the School of Music

FACULTY RECESSIONAL

Commencement Overture

Doctoral and Master's Ceremony

December 12, 2014 7 p.m. Order of Events

PROCESSIONAL

Commencement Overture, Coordinated by the School of Music

MASTER OF CEREMONIES

Dr. G.P. "Bud" Peterson, President

NATIONAL ANTHEM

Georgia Tech Choirs

REFLECTION

Karen M. Mertins, Master's Degree Candidate, Materials Science and Engineering

COMMENCEMENT ADDRESS

Dr. Z.L. Wang, Distinguished Professor, Materials Science and Engineering

PRESENTATION OF DOCTORAL DEGREE CANDIDATES

Dr. Rafael L. Bras, Provost and Executive Vice President for Academic Affairs

CONFERRING OF DEGREES

Dr. Peterson

PRESENTATION OF MASTER'S DEGREE CANDIDATES

Dr. Bras

CONFERRING OF DEGREES

Dr. Peterson

INDUCTION INTO THE ALUMNI ASSOCIATION

Mr. Robert N. Stargel Jr., Class of 1983 Chair, Georgia Tech Alumni Association

ALMA MATER

Georgia Tech Choirs

FACULTY RECESSIONAL

Commencement Overture

"RAMBLIN' WRECK"

Graduates and Audience

Please turn to the inside back cover for song lyrics. Please turn to page 12 for the list of doctoral degree candidates.

Bachelor's Ceremony

December 13, 2014 9 a.m. Order of Events

PROCESSIONAL

Commencement Overture, Coordinated by the School of Music

MASTER OF CEREMONIES

Dr. G.P. "Bud" Peterson, President

NATIONAL ANTHEM

Georgia Tech Choirs

REFLECTION

Rachit Kansal, Bachelor's Degree Candidate, Mechanical Engineering

PRESENTATION OF HONORARY DEGREE

Dr. Peterson

COMMENCEMENT ADDRESS

Mr. E. Roe Stamps IV, Co-founder, Summit Partners

INTRODUCTION OF ACADEMIC DEANS

Dr. Rafael L. Bras, Provost and Executive Vice President for Academic Affairs

PRESENTATION OF UNDERGRADUATE DEGREE CANDIDATES

Dean Zvi Galil, College of Computing

Dean Jacqueline Jones Royster, Ivan Allen College of Liberal Arts

Dean Steven P. French, College of Architecture

Dean Maryam Alavi, Ernest Scheller Jr. College of Business

Dean Paul M. Goldbart, College of Sciences

Dean Gary S. May, College of Engineering

CONFERRING OF DEGREES

Dr. Peterson

INDUCTION INTO THE ALUMNI ASSOCIATION

Mr. Robert N. Stargel Jr., Class of 1983 Chair, Georgia Tech Alumni Association

ALMA MATER

Georgia Tech Choirs

FACULTY RECESSIONAL

Commencement Overture

"RAMBLIN' WRECK"

Graduates and Audience

Please turn to the inside back cover for song lyrics. Please turn to page 23 for the list of bachelor's degree candidates.

Doctoral and Master's Speaker Zhong Lin Wang, Ph.D.

A Regents Professor at Georgia Tech, Zhong Lin (Z.L.) Wang is also the Hightower Chair in Materials Science and Engineering. Wang has made original and innovative contributions to the synthesis, discovery, characterization, and understanding of fundamental physical properties of oxide nanobelts and nanowires, as well as applications of nanowires in energy sciences, electronics, optoelectronics, and biological science.

One of the world's leading figures in ZnO nanostructure research, Wang has pursued work in developing nanogenerators that has established the principle and technological road map for harvesting mechanical energy from the environment and biological systems for powering personal electronics. His research on self-powered nanosystems has inspired a worldwide effort in academia and industry for studying energy for micro-nano-systems, which is now a distinct discipline in energy research and future sensor networks. Wang coined and pioneered the field of piezotronics and piezo-phototronics by introducing the piezoelectric potential gated charge transport process in fabricating new electronic and optoelectronic devices. This historical breakthrough has important applications in smart MEMS/NEMS, nanorobotics, human-electronics interface, and sensors.

Wang also invented and pioneered the in-situ technique for measuring the mechanical and electrical properties of a single nanotube/nanowire inside a transmission electron microscope (TEM).

A highly regarded educator, Wang has advised and graduated 38 doctoral students and two master's students, and is currently advising 10 doctoral students. He has also hosted and supervised 105 postdoctoral fellows and visiting scientists. His students have received more than 30 awards from Georgia Tech and various professional societies for best paper/ poster presentation and other academic achievements.

Wang is recognized as a pioneer and world leader in nanoscience and nanotechnology. He has authored and co-authored six scientific reference and textbooks and more than 950 peer-reviewed journal articles, edited and co-edited 14 volumes of books on nanotechnology, and held more than 100 U.S. and foreign patents. He is one of the world's top five most cited authors in nanotechnology.

The recipient of numerous honors and awards, Wang was named the 2014 Georgia Tech Distinguished Professor. He also received the 2014 NANOSMAT Prize (United Kingdom), the China International Science and Technology Collaboration Award, and the 2014 James C. McGroddy Prize in New Materials from the American Physical Society. Other honors include the ACS Nano Lectureship (2013); the Edward Orton Memorial Lecture Award, American Ceramic Society (2012); the Materials **Research Society Medal** (2011); the Purdy Award, American Ceramic Society (2009); the John M. Cowley Distinguished Lecture, Arizona State University (2012); NanoTech Briefs, Top 50 Award (2005); Georgia Tech Faculty **Outstanding Research Author** (2004, 2000); the S.T. Li Prize for Distinguished Achievement in Science and Technology (2001); the Burton Medal, Microscopy Society of America (1999); Outstanding Overseas Young Scientist Award; and the NSF China (1998) and NSF CAREER (1998) awards.

Wang holds a doctorate in physics from Arizona State University.

Bachelor's Speaker and Honorary Degree Recipient E. Roe Stamps IV

E. Roe Stamps is a private investor and co-founder of the Boston-based private investment company Summit Partners and a former lieutenant in the United States Navy Reserve. Summit Partners has grown to be one of the largest and most successful investment firms in the country.

Born in Waycross and raised in Macon, Stamps earned bachelor's and master's degrees in industrial engineering from Georgia Tech in 1967 and 1972, respectively. He went on to earn an MBA from Harvard Business School. Stamps and his wife, Penny, are members of The Hill Society, Georgia Tech's most prestigious donor recognition society that honors principal benefactors.

Through the Stamps Family Charitable Foundation, the Stamps have invested in Georgia Tech's most promising undergraduate students for more than 14 years, beginning with gifts in support of the President's Scholarship Program in 2000. The Stamps expanded their support of Georgia Tech's leading undergraduate students through the launch of the merit-based Stamps Leadership Scholars Program in 2006. This visionary initiative became a prototype for the program that has expanded on a national basis to include scholars from more than three dozen universities from coast to coast. Of the 583 current scholars nationwide, 51 are from Georgia Tech.

Prior to the advent of the Stamps Leadership Scholars Program, the Stamps' philanthropy at Tech had positively affected thousands of students through their support of Stamps Field, the Edward R. Stamps III Student Health Services, and Stamps Student Center Commons.

In addition to his philanthropy, Stamps has provided extensive volunteer leadership to his alma mater. He served as vice chairman for Campaign Georgia Tech during the quiet phase, and along with his wife, Penny, serves as an honorary chair of the Campaign. He also was a member of the Campaign for Georgia Tech National Steering Committee.

An emeritus member of the H. Milton Stewart School of Industrial and Systems **Engineering Advisory** Board and the Georgia Tech Foundation Board of Trustees, Stamps has received the Distinguished Alumni Award from both the Stewart School and the College of Engineering. He was inducted into the College of Engineering's Hall of Fame in 2001. Stamps also received the Joseph Mayo Pettit Alumni Distinguished Service Award, the highest award conferred by the Georgia Tech Alumni Association, recognizing lifetime leadership, achievement, and service to the Institute and to the community. In 2012, he received Harvard Business School's Alumni Achievement Award, the School's top honor.

President G.P. "Bud" Peterson, Ph.D.

G.P. "Bud" Peterson became the 11th president of the Georgia Institute of Technology on April 1, 2009. Under his leadership Georgia Tech has developed a 25-year strategic plan, launched the public phase of a \$1.5 billion comprehensive campaign, experienced increased enrollment, added strategic partnerships, expanded the campus infrastructure, and increased national visibility.

Before coming to Georgia Tech, Peterson served as chancellor of the University of Colorado at Boulder; provost at Rensselaer Polytechnic Institute in Troy, New York; and served on the faculty and in numerous leadership positions at Texas A&M University for 19 years, culminating in his service as associate vice chancellor for engineering for the Texas A&M University System.

Peterson holds a doctorate in mechanical engineering from Texas A&M University. At Kansas State University, he earned bachelor's degrees in mechanical engineering and mathematics, and a master's degree in engineering.

Throughout his career, Peterson has played an active role in helping to establish the national education and research agendas, serving on numerous industry, government, and academic task forces and committees. He has served on several national accreditation agencies, with a focus on improving and assessing outcomes for higher education. He also has served on congressional task forces, research councils, and advisory boards, including the Office of Naval Research, the National Aeronautics and Space Administration, the U.S. Department of Energy, the National Research Council, and the National Academy of Engineering. A distinguished scientist, Peterson was selected in 2008 by former President George W. Bush to serve on the National Science Board. The Board oversees the National Science

Foundation and advises the President and Congress on national policy related to science and engineering research and education.

In 2010 he was named by U.S. Secretary of Commerce Gary Locke as a member of the National Advisory Council on Innovation and Entrepreneurship, and in June 2011 President Barack Obama named him to the Advanced Manufacturing Partnership (AMP) steering committee. In September 2013 President Obama appointed him to the AMP 2.0 steering committee.

He is a fellow of both the American Society of Mechanical Engineers and the American Institute of Aeronautics and Astronautics (AIAA), and in 2011 was presented with the AIAA **Distinguished Service** Award. His research has focused on phase change heat transfer and spacecraft thermal control. He is widely published, authoring or coauthoring 16 books or book chapters, 210 refereed journal articles, and more than 170 conference publications. He also holds a total of nine patents, with two others pending.

Peterson and Georgia Tech's First Lady, Valerie H. Peterson, have four adult children, two of whom are Georgia Tech alumni.

Rafael L. Bras, Sc.D. Provost and Executive Vice President for Academic Affairs

A professor in the School of Civil and Environmental Engineering and the School of Earth and Atmospheric Sciences, Rafael L. Bras is the first Georgia Tech faculty member to hold the K. Harrison Brown Family Chair. As provost and executive vice president for academic affairs, Bras oversees all of Georgia Tech's academic and related units, including the colleges, the library, international relationships, professional education, and enrollment.

His current initiatives include overseeing the Institute's reaffirmation of accreditation, which includes the development of a Quality Enhancement Plan for Student Learning. He is also responsible for Georgia Tech's adoption of new educational technologies and the Institute's efforts pertaining to online education at all levels, particularly in professional education. Through the Arts@Tech initiative, Bras seeks to integrate the creative and innovative thinking of artistic endeavors into the mindset and education of all our students.

A native of Puerto Rico, Bras completed undergraduate and graduate education at the Massachusetts Institute of Technology (MIT), culminating with a Doctor of Science degree in Water Resources and Hydrology. Prior to becoming provost at Georgia Tech in 2010, Bras was distinguished professor and dean of the Henry Samueli School of Engineering at the University of California, Irvine. For 32 years prior to joining the University of California, he was a professor in the departments of Civil and **Environmental Engineering** and Earth, Atmospheric, and Planetary Sciences at MIT. He is past chair of the MIT faculty, former head of the Civil and Environmental Engineering department, and director of the Ralph M. Parsons Laboratory.

He has served as advisor to many organizations, including the National Science Foundation, National Research Council, and NASA. He is presently a member of the U.S. Secretary of Energy Advisory Board.

Bras is past president of the hydrology section of American Geophysical Union (AGU) and is presently a member of its Board of Directors. He also is a member of the Board of Trustees for the University Corporation for Atmospheric Research, and serves on the Board of Directors of the Foundation for Puerto Rico.

He is an elected member of the U.S. National Academy of Engineering, the Academy of Arts and Sciences of Puerto Rico, and is a corresponding member of the Mexican National Academy of Engineering and the Mexican National Academy of Sciences. He also is an elected fellow of AGU, the American Society of Civil Engineers, the American Meteorological Society, and the American Association for the Advancement of Science. Recently the Museum of Science Industry named Bras the 2014 National Hispanic Scientist of the Year.

He maintains an active international consulting practice. Until recently, he chaired a panel of experts that supervised the design and construction of a multibillion-dollar project to protect the City of Venice from floods. He also has published two textbooks, more than 200 refereed journal publications, and several hundred other publications and presentations.

Bras and his wife, Pat, have two adult sons.

Commencement Traditions



THE MACE

In academic ceremonies, the mace is an ornamental staff carried as a symbol of authority. The office of the mace bearer, though purely ornamental, dates back to medieval England when special occasions required the use of a bodyguard. In colonial America, the mace became a symbol of office when it was used in conjunction with academic regalia.

The Georgia Tech mace carried in today's ceremony was designed by Cabell Heyward, a former research scientist in the College of Architecture, and was first used in April 1988 at the presidential installation of John P. Crecine. The mace was fabricated by Cabell Heyward and Arthur Schoenfeld, who are both formerly with the Center for Assistive Technology and Environmental Access in the College of Architecture, in conjunction with Atlanta jeweler Robert Nagle. The mace was made possible by a gift from the Georgia Tech Student Foundation and the Class of 1934.

The primary focus of the mace is its three brass rods. which demonstrate the principle of "tensegrity," a concept of structure combining tension and integrity developed by R. Buckminster Fuller in 1927. The integrity, or wholeness, of the mace is maintained by each of the rods being held in place by the tension of the steel wire; the rods do not touch one another at any point. The brass rods symbolize the three primary components of Georgia Tech's mission: education, research, and service.

ACADEMIC REGALIA

The academic regalia worn by today's participants is a colorful relic dating back to the Middle Ages, when education was a function of religious organizations. The monks' habit and the cowl worn over their heads were predecessors of the modern black gowns and hoods. The mortarboard was developed from the skullcaps worn during medieval days by churchmen officiating at religious services. In 1894, American universities standardized gown styles for the three different types of degrees. Doctoral candidates at Georgia Tech wear customized gold regalia with full rounded sleeves, velvet facings on the front, and velvet bars on the sleeves. Hoods are lined in Georgia Tech's colors of white and gold. The doctoral hood is distinguished by its blue trim, which is the color representing philosophy. Doctoral candidates also wear a six-pointed tam in the same blue trim.

Master's degree candidates wear the traditional black gown with full-length square sleeves that have a crescent-shaped piece hanging from each sleeve. The gowns are also adorned with the Georgia Tech seal. The master's hoods are lined in white and gold and are distinguished on the outside by the color of their degree program. Recipients of the bachelor's degree wear a similar black gown, but with no hood and no additional material at the bottom of the sleeves.

Caps used by master's and bachelor's graduates are traditional mortarboards, and tassels are white and gold.



ACADEMIC DEGREES

The Bachelor's Degree

The bachelor's degree is the oldest academic degree used by American colleges and universities. The degree, which represents completion of a four-year course of study, was first awarded in 1642 to the graduating class of Harvard College.

The Master's Degree

The master's degree represents the completion of one or two years of study beyond the bachelor's degree. The degree dates back to the oldest universities in Europe and it usually requires a thesis and an oral examination.

The Doctoral Degree

The doctoral degree is the most advanced academic degree conferred by American institutions of learning. "Doctor," which means teacher or instructor, was used as a title in the twelfth century to denote men of great learning.



HONORS QUALIFICATIONS AND CORDS

Honor designations are for undergraduates at Georgia Tech who have met the minimum residency hours requirement of 60 hours, as well as the minimum GPA.

• To achieve honor, the minimum GPA is 3.15.

• To achieve high honor, the minimum GPA is 3.35.

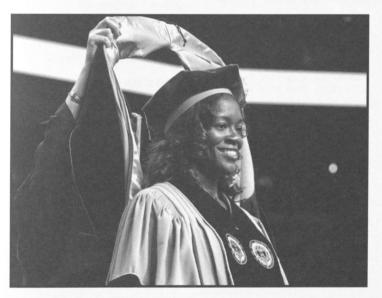
• To achieve highest honor, the minimum GPA is 3.55.

Changes in honor status may also occur after final printing.

Georgia Tech issues honor cords to recognize students' academic achievements. White cords denote honor, gold cords denote high honor, and a braided white and gold cord denotes highest honor.

INTERNATIONAL PLAN

The International Plan is a challenging fouryear program that works in tandem with an undergraduate's academic curriculum to produce globally competent citizens. The International Plan utilizes existing study, work, and research abroad opportunities available through the Office of International Education and the Division of Professional Practice.



COOPERATIVE PLAN

The Undergraduate Cooperative Education Program is an academic option designed to complement a student's formal education with paid, practical work experience directly related to the student's academic major. It is available in all engineering majors, as well as many majors in other colleges at Georgia Tech.

THE RAMBLIN' WRECK

The Ramblin' Wreck is the 1930 Ford Model A Sport coupe that serves as the official mascot. The Wreck is present at all major sporting events and student body functions. Its most noticeable role is leading the football team into Bobby Dodd Stadium at Historic Grant Field, a duty that the Wreck has performed since 1961.

GUEST DECORUM

You are requested to refrain from loud expressions of excitement for individual graduates. Such expressions detract from the recognition due the next graduate in line. Your cooperation is appreciated.

BUZZ

Legendary Tech icon Buzz made his first campus appearance at a student pep rally in 1980. Over the past three decades, Buzz has gone on to become one of the most beloved — and globally recognized — university mascots.

THE WHISTLE

Tech's iconic steam whistle blasts its signal five minutes before each hour on weekdays, when Tech wins a home football game, and for milestone events.

IN MEMORIAM

We recognize the passing of members of the Georgia Tech community with the floral arrangement at the front of the stage.

Doctoral Degree Candidates

Doctor of Philosophy

INTERNATIONAL AFFAIRS, SCIENCE, AND TECHNOLOGY

Tong Zhao Advisor: Dr. Adam N. Stulberg

ROBOTICS

Changhyun Choi Advisor: Dr. Henrik I. Christensen

Neil Thomas Dantam Advisors: Dr. Michael Stilman and Dr. Henrik I. Christensen

COMPUTATIONAL SCIENCE AND ENGINEERING

Yunlong He Advisor: Dr. Renato D. Monteiro

Da Kuang + Advisor: Dr. Haesun Park

Xiaolin Wang + Advisor: Dr. Hao-Min Zhou

Bo Xiao Advisor: Dr. George Biros

Srikanth Bangalore Yoginath + Advisor: Dr. Kalyanrao S. Perumalla

BIOINFORMATICS

Matthew Scott Hagen Advisor: Dr. Eva K. Lee

Christopher G. Hill Advisor: Dr. John F. McDonald

Andrew Douglas Huang Advisor: Dr. John F. McDonald

Vinay Kumar Mittal + Advisor: Dr. John F. McDonald

BIOENGINEERING

Stephanie Duncanson + Advisor: Dr. Athanassios Sambanis

Stephen Michael Goldman Advisor: Dr. Gilda A. Barabino

Michelle Lea Kuykendal + Advisors: Dr. Stephen P. DeWeerth, Dr. Martha A. Grover, and Dr. Steven M. Potter

Lucas A. Lane + Advisor: Dr. Shuming Nie Sharon Elizabeth Norman Advisor: Dr. Robert J. Butera

Patricia Marie Pacheco Advisor: Dr. Todd A. Sulchek

Christopher Russell Phaneuf Advisor: Dr. Craig R. Forest

Mei Zhong Zhan Advisor: Dr. Hang Lu

BIOMEDICAL ENGINEERING/ JOINT PROGRAM WITH EMORY UNIVERSITY AND PEKING UNIVERSITY

Tanushree Thote + Advisor: Dr. Robert E. Guldberg

BIOMEDICAL ENGINEERING/JOINT DEGREE PROGRAM

Anthony Olatokunboh Awojoodu Advisor: Dr. Edward A. Botchwey

Clare Ann Gollnick + Advisors: Dr. Garrett B. Stanley and Dr. Ravi Bellamkonda

Stacie Marie Gutowski + Advisor: Dr. Andres J. Garcia

Jeenah Jung Advisor: Dr. Philip J. Santangelo

Philip Michael Keegan Advisor: Dr. Manu O. Platt

Yanni Lin Advisor: Dr. Gang Bao

ALGORITHMS, COMBINATORICS, AND OPTIMIZATION

Andreas Galanis + Advisor: Dr. Eric J. Vigoda

Chun-Hung Liu + Advisor: Dr. Robin Thomas

Anand Louis + Advisor: Dr. Santosh S. Vempala

Peter Michael Zanton Whalen + Advisor: Dr. Robin Thomas

Ying Xiao Advisor: Dr. Santosh S. Vempala

HUMAN-CENTERED COMPUTING

Klara Benda + Advisor: Dr. Nancy J. Nersessian Matthew Nelson Bonner + Advisor: Dr. Elizabeth D. Mynatt

Yee Chieh Chew Advisor: Dr. Bruce N. Walker

Andrew Donald Miller + Advisor: Dr. Elizabeth D. Mynatt

COMPUTER SCIENCE

Saeideh Bakhshi Advisor: Dr. Eric E. Gilbert

Krishnakumar Balasubramanian + Advisor: Dr. Guy Levanon

Nagesh Bangalore Lakshminarayana Advisor: Dr. Hyesoon Kim

Samuel Read Burnett + Advisor: Dr. Nicholas G. Feamster

Brendan Francis Dolan-Gavitt Advisor: Dr. Wenke Lee

Shuang Hao Advisor: Dr. Nicholas G. Feamster

Kirak Hong + Advisor: Dr. Umakishore Ramachandran

Yong-Dian Jian + Advisor: Dr. Frank Dellaert

Mukil Kesavan + Advisor: Dr. Karsten Schwans

Yingyu Liang + Advisor: Dr. Maria-Florina Balcan

Aemen Hassaan Lodhi Advisor: Dr. Konstantinos Dovrolis

Robert Dmitrievich Lychev + Advisors: Dr. Nicholas G. Feamster and Dr. Alexandra O. Boldyreva

Sang Min Park Advisors: Dr. Mary Jean Harrold and Dr. Richard W. Vuduc

Christopher Joseph Parnin Advisor: Dr. J. Spencer Rugaber

Karthik Raveendran Advisor: Dr. Gregory Turk

Kaushik Ravichandran Advisor: Dr. Santosh Pande Moonkyung Ryu + Advisor: Dr. Umakishore Ramachandran

Hina B. Shah + Advisors: Dr. Mary Jean Harrold and Dr. Nancy J. Nersessian

Cong Shi + Advisors: Dr. Mostafa H. Ammar and Dr. Ellen Zegura

Srikanth Sundaresan + Advisor: Dr. Nicholas G. Feamster

Yuzhe Tang + Advisor: Dr. Ling Liu

De Wang + Advisor: Dr. Calton Pu

Qingyang Wang + Advisor: Dr. Calton Pu

Wei Zhuo Advisors: Dr. Jaroslaw R. Rossignac and Dr. Cheng-Yun Karen Liu

DIGITAL MEDIA

Henry Blumenthal Advisor: Dr. Jay D. Bolter

Nettrice Rosallye Gaskins Advisor: Dr. Celia Pearce

Hye Yeon Nam + Advisor: Dr. Michael Nitsche

Robert Thomas Schweizer + Advisor: Dr. Celia Pearce

PUBLIC POLICY

William Matthew Cox + Advisor: Dr. Marilyn A. Brown

Benjamin Harris Deitchman + Advisor: Dr. Marilyn A. Brown

Yu Wang + Advisor: Dr. Marilyn A. Brown

Thomas Woodson + Advisor: Dr. Susan E. Cozzens

PUBLIC POLICY/JOINT DEGREE PROGRAM

Obed Qamar Pasha Advisor: Dr. Theodore Poister

Kelechi Nmaobi Uzochukwu Advisor: Dr. John C. Thomas

HISTORY AND SOCIOLOGY OF TECHNOLOGY AND SCIENCE

Sybrina Yvonne Atwaters Advisor: Dr. Willie Pearson Jr.

Gloria Jean Ross Advisor: Dr. William D. Winders

ECONOMICS

Mingge Wu + Advisor: Dr. Tibor Besedes

BUILDING CONSTRUCTION

Ebrahim Parvaresh Karan Advisor: Dr. Javier Irizarry

Seyed Mohsen Shahandashti + Advisor: Dr. Baabak Ashuri

CITY AND REGIONAL PLANNING

Barbara Faga Advisor: Dr. Catherine L. Ross

ARCHITECTURE

Yuming Sun + Advisor: Dr. Godfried L. Augenbroe

MANAGEMENT

Zoey Chen + Advisor: Dr. Sara L. Dommer

Jeremy J. Kovach + Advisors: Dr. Atalay Atasu and Dr. Stylianos Kavadias

Yuebing Liu + Advisors: Dr. Bryan K. Church and Dr. Xi Kuang

Lori B. Shefchik + Advisor: Dr. Bryan K. Church

Chong Xiao Advisor: Dr. Vikram K. Nanda

Hui Xu + Advisors: Dr. Bryan K. Church and Dr. Xi Kuang

APPLIED PHYSIOLOGY

Megan Elizabeth Toney + Advisor: Dr. Young-Hui Chang

EARTH AND ATMOSPHERIC SCIENCES

Jordon Scott Beckler Advisor: Dr. Martial Taillefert Stacy Anne Carolin + Advisor: Dr. Kim M. Cobb

Andrew Murphy Davis + Advisor: Dr. Emanuele Di Lorenzo

Zheng Lu + Advisor: Dr. Irina N. Sokolik

BIOLOGY

Kathryn Lyn Bruce + Advisor: Dr. Yury O. Chernoff

Kevin Joseph Lee Advisor: Dr. Gregory C. Gibson

Jiaqi Tan + Advisor: Dr. Mark E. Hay

MATHEMATICS

Tobias Hurth + Advisor: Dr. Yury Bakhtin

Amey Kaloti + Advisor: Dr. John Entyre

Ye Luo + Advisor: Dr. Matthew H. Baker

Christopher Ian Pryby Advisor: Dr. Ernest S. Croot III

Pedro Andres Rangel Walteros Advisor: Dr. Vladimir I. Koltchinskii

Thao Minh Vuong + Advisor: Dr. Stavros Garoufalidis

Weizhe Zhang + Advisor: Dr. Ronghua Pan

PSYCHOLOGY

Michael Robert Dulas + Advisor: Dr. Audrey L. Duarte

Patrick Dean McNiel + Advisor: Dr. James R. Lawrence

Erin Senesac Morgan + Advisor: Dr. Christopher K. Hertzog

Cory-Ann Cook Smarr Advisor: Dr. Wendy A. Rogers

PHYSICS

Daniel Borrero Advisor: Dr. Michael F. Schatz

Cesar Omar Flores Garcia Advisor: Dr. Joshua S. Weitz Zelei Guo + Advisor: Dr. Walter A. De Heer

Li Han + Advisor: Dr. Carlos Sa'de Melo

Wenchao Jiang + Advisor: Dr. Dragomir Davidovic

James Matthew Palmer Advisor: Dr. Walter A. De Heer

Joshua Milbourne Symonds + Advisor: Dr. Thomas Orlando

Wenlong Yu Advisor: Dr. Zhigang Jiang

Si Zhou + Advisor: Dr. Angelo Bongiorno

CHEMISTRY

Lauren Anne Austin Advisor: Dr. Mostafa A. El-Sayed

Michael Bruce Bayless + Advisor: Dr. Jake D. Soper

Chad Russell Bernier Advisor: Dr. Loren D. Williams

Galen Thomas Craven Advisor: Dr. Rigoberto Hernandez

William Brett Fellows + Advisor: Dr. Laren M. Tolbert

Anthony Joseph Giordano + Advisor: Dr. Seth R. Marder

Emily Sue Herman Advisor: Dr. L. Andrew Lyon

Fan Hu Advisor: Dr. Arthur J. Ragauskas

Amy Elizabeth Jablonski + Advisor: Dr. Robert M. Dickson

Matthew Robert Kennedy Advisor: Dr. C. David Sherrill

Justin Adam Kerszulis Advisor: Dr. John R. Reynolds

Ariel Shontae Marshall + Advisor: Dr. Joseph W. Perry

Cody Reeves Morelock Advisor: Dr. Angus P. Wilkinson

Michael Joseph Poston + Advisor: Dr. Thomas Orlando Michael Kenneth Rood Advisors: Dr. Andreas S. Bommarius and Dr. Bahareh Azizi

Amber Caledonia Rumple Advisor: Dr. Charles L. Liotta

Mark William Spears Jr. Advisor: Dr. L. Andrew Lyon

Christopher Andrew Sutton Advisor: Dr. Jean-Luc E. Bredas

Feifei Zhang Advisor: Dr. Wendy L. Kelly

OPERATIONS RESEARCH

Vinod Cheriyan + Advisor: Dr. Anton J. Kleywegt

Diego Alejandro Moran Ramirez + Advisor: Dr. Santanu S. Dey

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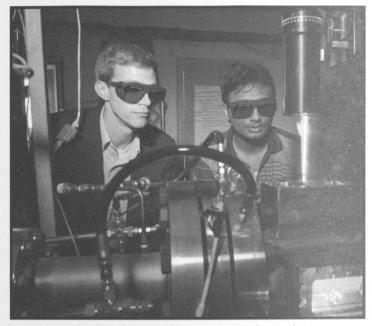
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Sheela Shaw + Prashant Vinod Sinha + Thomas John Spielman + Pradip Radhakrishnan Subramaniam + Craig Fulton Swanson + Richard Joseph Thompson + Charles Augustus Thornton Jr. + Charles Floyd Wallin + Roger Wong +

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Andrew Reynolds Bageant + Wendy Wei Cashen + Yun Hsuan Chang + Chen Chen + Hung-Ju Chen + Peng Chen + Yixian Chen + Aiginmei Cheng + Jan Patrick Chong Massoud + Jing Chu + Yamilka Miled Collado Vaca + Dalys Marina Delgado Ramea + Li Ding + Alvaro Andres Gajardo Linan de Ariza + Colleen Marie Gootee + Guillermo Grimaux + Shimin Gu + Sijie Ho + Vaishnavi Krishnadoss + Sanjay Kumar + Alvaro Alberto Lasso Solis + Liang Liu + Yang Lu + Miguel Angel Muguruza Pujana + Chenrong Ni + Carlos Javier Osorio Tello + Matthew Padilla + Kunj Sanjay Pandya + Sarah Frances Powell + Shuang Qin + Armando Javier Rengifo Rodriguez + Bijoy Sasidharan + Shankar Narayan Sekar + Rebecca Amy Silver + Kiruthika Sivasamy Adwait Dilip Sukhatankar + Daniela Taborga Claure Aniket Purushottam Talekar Pierre Tuppin + Hanyuan Wu + Bofei Yang + Gengchao Yi + Yuan Yu +

Jingjing Yuan Yingge Zhang + Siyuan Zou +

BIOMEDICAL ENGINEERING

Melissa Chou Goude + Joshua Koehler Grooms

INTERNATIONAL LOGISTICS

Alison-Jane Elizabeth Clafin + Marco Aurélio Exner Fernandes + Don Todd Jones + Jayaprakash Gopal Kulkarni + Paul Machuca + Mario Mifsud + Bjoern Schniederkoetter + Kristin Marie Sembach + Srinivasan Venkataswamy Gopal +

MEDICAL PHYSICS

Kapil Prasad Baral Julian Victor James James Wayne Jensen Brian Heeeun Lee Michelle Rene Mundis Gina Lynne Ribis Patricia Schantz Tiffany Tsui Ning Yu Xuan John Yu

HEALTH SYSTEMS

Sheereen Jibreel Brown Sara Abigail Chapman Qing Li Lisa Jean Missana Yuan Wang +

NUCLEAR ENGINEERING

Christopher Weeks Chapman Maxwell Donald Hill Alexander Jared Huning + Evan Maxwell Redd Christopher Edward Safouri Matthew T. Schumann Richard Marion Ulmer III + Dylon Michael Wegner Timothy Reed Younkin

ENGINEERING SCIENCE AND MECHANICS

Nicolas Kerszberg Daniel Marino Florian Morlock Anne Romer

OPERATIONS RESEARCH

Benjamin William Couchman + Geoffrey Ryan Dworkin Erin Michelle Garcia + Qiuting Hu Ran Li + Amelia Elizabeth Musselman Dae Hoon Noh Brian Joseph Silva Andrea Valle Eguren Yi Zhang

INDUSTRIAL ENGINEERING

Zachary Daniel Chasteen + Adrien Lionel Ciclet Sarin Eapen Chandy Yiran Jiao Yi Ju Lai Xueying Linghu Marc Muench + George Joseph Palumbo Bo Peng Xuanchang Shi Abhishek Subramanian Sinta Rahmawidya Sulistyo Shuya Tong Manik Gaurav Vig Gautham Voleti Shengxi Wang Yue Wen Tao Wu + Li Zhang

AEROSPACE ENGINEERING

Jeffrey Robert Baldino + Emmanuel Herve Pierre Boidot + Andrew James Boshinski + Patrick Andrew Boyle Anil Emilio Bozan Michael Dwain Bozeman Jr. German Capuano Yogin Narendrakumar Desai + Jason Louis Fernandez + Sean Thomas Ford Jason Matthew Ginn Geoffrey Lee Glidden + Jason Curtis Hamilton Amanda Renee Heckwolf + Brett Russell Hiller Maxence Nael Jalaleddine Istvan Keszte Olivier Thomas Kiehl **Emmanuel Marc Lacouture** Alexander Conrad Lambert Jared Peter Langley Seth Leon Libby Mark Joseph Santos Lopez

Thomas Louis Maschmeyer III Daniel Allen Matz + Colin Thomas McEwen Matthew James Miller Benjamin Adams Murdock Therese-Ann Bugtong Ngaya + Can Onur Jarrod Andrew Pannell + Youngchul Park+ Sorin Ioan Pirau Sai Pradhan Ravuru Vivian E. Reyes Zayas + Michael David Philip Roberts + Joshua Chase Rowe Cristian Alejandro Salgueiro Andrew Droste Sanders Adam Thomas Sidor + Thomas Alan Slais III Kisun Song + Alicia Margaret Sudol + Gautham Adhitya Sundararajan Lee R.L. Thackston + Amy Frances Thornhill Douglas James Trent Alfredo Valverde Suo Yang +

MATERIALS SCIENCE AND ENGINEERING

Justin Ryo Brandt Qiao Chen Wei Dai Rene Orlando Diaz IV Mohammad Waseem Hussain Virginia Liao Karen Mae Sudweeks Mertins Congshan Wan Vincent Ming-Fung Wu Paul David Zackowski

CHEMICAL ENGINEERING

Saif Al Mamari + Souryadeep Bhattacharyya + Ryan Clairmont Guo Shiou Foo Erika Y. Garcia-Gutierrez Vyran L. George Venkat Goli + Russell Paul Jampol Albert Lee Daniel Thomas Lee + Fuyue Stephanie Li + Benjamin Andrew Sheyko Joanna Wilhelmina Tsao Simseok Andrew Yuk

ENVIRONMENTAL ENGINEERING

Yashika Agarwalla Yukti Arora Aaron William Bivins Ionathan Charles Callura + Michael Shane Cape Nicole Theresa Caruso Arlette De Santiago Donna Lynn Drogos + Christine Michelle Dykstra + Yu Feng Shira Molly Glabman Supreet Gupta Madhusudan Sunil Kamat Elizabeth Lee Kornegay Lina Luo Michael Wayne McKenzie Victor James Miller Rushabh Sakhpara Felipe Sant'anna Dias David Vargas Yue Zhao

CIVIL ENGINEERING

Varun Mayur Ajmera Javaid Anwar Emma I. Bones + Iaime Esteban Carrillo Yu De Chen Judith Avigail Cruz Eddy Diaz Varela Jonathan Edward DiGioia Julius Ngoclam Doan Liteng Dong Yiqiao Dong Iordan Thomas Fox Pranav S. Gandhi Zhi Ge Sai Kumar Ghate Yuzhi Guo Michael A. Halaby + Samuel Harris + Garin Hunter Hughes Shunji Jiang Wensen Jiang Nathaniel Lanier Knight Julie Champion Krogh Xia Li Ajinkya Lokhande George Sinclair Maier Evan Reed Martin Charlene DeAnne Mingus Jacob Modrich Zhongkun Ouyang William Randall Pettyjohn Jr. Evan Peter Prado Tejasvee Risheshwar Prasad

Brett David Reichard Philip Riley + Christopher Knauer Roberts Pravin Saraswatula Mohit Savur Alan Griffin Shirley Steven Jazze Slaughter Jr. Ionathan Allan Stimmell William Garrett Sullivan Mollie Wivell Szmurlo Luis Alberto Terry Torres Hui Ching Wang Xi Wang Aaron Oliver Watwood Robert Evan Wechsler Tyler William Witthuhn Linglong Xing Weiwei Xing Tianlong Xu David Louis Young + Bingling Zhang + Sijie Zhang + Cheng Zhu Mina Ziaei +

ELECTRICAL AND COMPUTER ENGINEERING

Anish Achuthan Blake Anthony Adkins Aftab Ahmed + Usman Alam Mohamed Karim Amimi Sweta Ananth Akhilesh Anupindi Nandita Ashok Abner Avala Acevedo Taha Ayari Rvan Alexander Bahr Bing Bai Bhaskar Balachander Anshul Bansal Rahul Damodar Bhat Satya Sundar Bhattacharya + Nicolás Rafael Biberidis Kyle Bilbray Anthony Didier Frederic Pierre Henry Bonnefoy Yathreb Bouazizi Stephen Vincent Bracca + Nathaniel William Brex Petri Mikael Broas + Eric Joseph Butcher Benjamin Ivan Cancel Juan Pablo Caram Wigdorsky Shi-Rong Chang Ahmed Cheta Hyewon Chung

Timothy William Clark + Alistair John Cobbold + Savan Das Siddhartha Datta Roy + Razi Dehghannasiri Ionathan David Dernlan Tushar Mahendra Desai Kshitij Ramanand Divekar Cyril William Draffin III Christopher Dresner Alexander Emerson Driskell Nickolas Aaron Drumright Souray Dutta + Ryan Daniel Einer Ajay Krishnasamy Elango Samuel H. Elia Zachary Evan Fleetwood David Michael Fleischhauer David James Formby Cameron James Barrett Fulton + Tyler Brayden Fultz Sunavana Gali Xing Gao Aditya Arun Garg Aderinola Adediwura Gbade-Alabi Ahmed Gharbi Adam John Gleason Iivuan Gou + Anupama Govinda Raj Sahil Goyal Trevor Howell Green Chen Guo + Akash Gupta Dhruva Gupta Shruti Gupta Scott Frederick Hansen + Tyler James Hardy Lijun He Jimmy Georges Donald Hester Ramneek Kaur Hora Iennifer Howard + Yuting Hu + Diego Insausti Priya Thyagrajan Iyer Prerit Kiran Jain Micah Hamilton Jenkins Jenny Eunice Jeong Rohit Atul Jinsiwale **Jobin John** Swapnesh Antony Joseph Chanchala Dwarakanath Kaddi Sukriti Kapoor Monodeep Kar + Sanjay Kariyappa Santhosh Karnik Madhumita Kedlaya Clark Adam Kerr +

Ellis Patrick Kieffer Benjamin David Laskowski + Seonwoo Lee Sung Gun Lee + Yeon Hoo Lee Youngtak Lee Jun-Yang Lei + Kathryn Marie Lentini + Tzu-Wei Lin Joseph Michael Lind + Wai Ying Lo Neela Lohith Penmetsa Yang Lv Peter Nichols MacKenzie Abhijit Madhu Kumar Wagas Majeed + Vaibhav Malkani Curtis Lee Mayberry Christopher Norris McManus Peter Lane McMenamin Gray Phillips McPherson Dvlan Benjamin McOuaide + Chirag Gaurang Modi Vishal Murali Ryan Christopher Myers + Anandhavel Nagendrakumar Saad Bin Nasir Eswar Natarajan Michael Novitzky Tanner J. Oakes + Hanju Oh + Jack Walden Owen III Sayajirao Padghan + Gavin Francis Paes Gauray Venkatesh Pai Jelam Ketan Parekh Swarrnna Karthik Parthasarathy Ketan Nitin Patwardhan **Jonathan** Perez Marc Pierre Marie Petetin Julien-Hubert Maurice Petitpierre Andrew Alexander Petry Linh Roy Pham Timothy Mathew Philip + Komal Poddar Santosh Sunil Prabhu Vinay Prithyani Uppili Srinivasan Raghunathan Afreena Rahman Akshay Ramachandran Krupa Ramakrishnan Nishant Sripathi Rao Shruthi Ravichandran + Ishita Ray Imed Eddine Rebhi + Priyanka Sadananda Christy Danielle Saintsing

Nazmus Sakib Vaidehi Hemant Samant Sindhuja Sethuraman Akshay Atul Shah Hemul Parimal Shah Wei Shen Kevin Shia Pooja Shailesh Shroff Danish Uzair Siddiqui + Josephine Marie Camille Simon Nitesh Kumar Sinha Sneha Srinivasan Ranjini Subramaniam Ivothsna Suresh Karthik Swaminathan Bijan Knight Tehrani Jarius Stuart Tillman Kha Tran Parth Premal Trivedi Srinath Tupil Muralidharan Naman Turakhia Madhava Venkatesh Christopher Ryan Wampler Jin Wang Tao Wang + Xian Wang Sha Wei Christopher Dwayne Weldy Steven Jacob Wheelwright + Bradley Michael Whitaker Brian Robert Wier Zhenhua Xie **Jingchi** Yang Brandon Ryan Yee + Vinson Young + Jie Yuan Nishant Zachariah Piao Zeng + Wen-Hao Zeng Amanuel Zervihun Chaoqi Zhang Jingyi Zhang Sheng Zhao Shuang Zheng + Yusheng Zhou

MECHANICAL ENGINEERING

Mahmoud Ali Alzahrani + Masoumeh Aminzadeh Elaina Noelle Babayan Matthew Scott Ballard + Haikel Balti Peng Bao Mark Michael Barineau Luke Benjamin Bentley + Simone Bernardi Kathleen Carmen Bernhard Laurvnas Bileisis Iustin Akira Blaber + Daniel Lewis Boston Mark Christopher Bowman + Steven Michael Brantley Benjamin Loic Marie Breton + Richard Patrick Brogan + Iames Edward Brooks + Zachary Steven Brooks Ryan Joseph Thomas Burt + Jason Anton Byers Thomas Cahuzac Jesse Thomas Caldwell Maxime Luc Carre Richard Chan Yvon Chanthalangsy Carlos Humberto Charry Leon Kevin Li Chow Brian Charles Clark Bobby Leroy Cline + Matthew Durham Collier Anne-Sophie Colomberon Kyle Joseph Conger + Lindsey Wayne Cooke Brian John Cox + Boyd Thomas Culver Arnaud Dagneau De Richecour Christopher Nelson Davidson + Puja De + Thibault Dochy Hannah Louise Dombek Yilong Jacques Christophe Duan Aaron Yehudah Dunn Brian Donald Epp **Quentin Espinasse** Justin Jean Félicien Fabre Gan Feng Omar Fergani Tommaso Ferrari Talia Ciara Field David Michael Forinash Zachary Mcrae Foster Florent Gaillard Noris Andre Gallandat Hubert Emmanuel Marie Geisler David Jeremy Gelwan Elias Gerard Jonathan Go + Jean Tom Gondallier De Tugny Rafael Gonzalez Macias + Kaitlin Marie Graham

Joel Steven Grindstaff

Christopher Allen Haile

Charles Grobli

Yunji Gu

Chenlu Han Alexander Anthony Hanson + Gregory William Harrington + Emil Joseph Hatfalvi Jr. + Adam James Hawes Dorian Henao Danielle Lauren Hesse Cameron Michael Hogue + Anna Lauren Hotle Colby Lewis Jarrett Kevin Berington Johnson Zachary Tyler Johnson Bryan Michael Jones + Harrison Holmes Jones Jason Patrick Jones Sean Dara Kilgallin Samuel Haidong Kim + Dustin Scott King Ryan Christopher Knott Arkadeep Kumar Brian John Kwong Kyle Ryan Laaker + Guillaume Langlois Ky Nam Dinah Le Emma Leora Lebwohl Derek Freeman Lewis Zhizhou Lu Carl Thomas Lyles Patrick Johnathon Lynch Gina Maureen Magnotti Muhammad Moiz Mahmood Arnold Noven Maliki + Aurelien Marini Claire Marquis Dennis Robert Martinchich + Kevin Cornelius Matthews + Joshua Adam Mayne + Taylor Lee Medford + Lishan Mu Clayton Ma Nguyen Brendan Vincent Nichols Victor Oguwuike Nwaneri Samin Shiraz Odhwani

Iaeho Oh + Jason Michael Ohler + Kylie Rae Orlandi Mark David Overmyer + Robert Macgregor Palmer + Devin Patrick Perkins + Zachary Joseph Pitts Katherine Carol Polhemus + Luis Fernando De Barros Prado + David Burl Pudleiner + Timothy James Purcell + Bruno Loic Claude Raffaëlli + Thomas Robert Reid + **Jillian Lauren Roettiger** Gabriel Leandros Roman + Harsh Sahai **Javier Andres Sanchez** Kurt Walter Scheffrahn + Brian Franklin Schwartz Theyuthasan Senthuran Abhilash Reddy Seri + Anurupa Shaw Alexander Hsien-Yu Shih + **James Emanuel Silva** Laura Meyer Sokash Nicholas Edwin Stone + **Justin Joseph Telotte** Efrain Andres Teran Calle Ashwin Paul Thomas + Ivan Andres Tibavinsky + Steven Kyle Todd Lutfullah Tomak Matthew Bryson Turk Jeremy Kincade Turner + Travis William Turner Iennifer Nicole Van Well Pierre-Antoine Vicquery Neng Wang + Iesse Dustin Winchester + Craig Thomas Woodin Yeming Xian Dan Yan Zhang David Danforth Zwick

Bachelor's Degree Candidates

College of Computing Bachelor of Science

COMPUTER SCIENCE

Samarth Agarwal *** Brendan J. Ahn Joseph Michael Alexander + Robert Lee Alexander II *** • Karim Amirali Jamie Leigh Barnwell Tyler Wilson Bell Hamilton Evans Cahill *** Theodore James Capaldi John Arthur Certusi III + Catherine Diane Chapman Ravish Chawla Jian Chen ** Lianghao Chen *** Hyun Seo Chung ** Adam Jay Cranford ** Stephen Ashok Csukas *** + Salim John-Anthony Martin

Phillip Dabdoub * Blair Richard Daly ** Scott Mitchell Daner *** Anthony Robert DeGregorio • Yuval Dekel Leah Maree Denham + Brandon Lee Devereaux * • Inder Dhir ** • Lin Dong Brandon Allan Duarte Jonathan Pierce Egbert Michael Gregory Fender Stefano Gabriele Fenu * Mason Broun Foster + Taylor Nichole Garren *** Aaryn Glynn Gloster *** • Qiang Guo + Daryl Halima * John Jong Ham Earle Anthony Harrison Jr. David Anthony Heath *** Robert Edward Heck III Curtis Thompson Hildebrant * Kemble August Hildreth • Daniel Lee Holdridge * • Ryan Hunter Hollis Matthew Franklin Hooper ** John Casey Howard *** • + Nichlos Joseph Incardone Jarvis Johnson ** + Philip Sanderson Johnson *** • Crystal Cherie Johnston + Alexander Michael Ioos + Mahmoud Husam Joudeh

Austin Brent Joyner Kyle David Kelly *** + Matthew William Kennemore + Bongsu Kim Pooja Rao Kondur ** Rita Kozlov Daniel Yang Kuo ** Kelsey Hunter Kurzeja *** Evan Michael LaHurd *** Ai Thuc Le Jihoon Lee Sangmin Lee *** Albert David Leister III + Kelsay Ellen Lewis * • + Thomas Joseph Loalbo ** + Vincent Albert Lugli Thomas Michael Mark ** Timothy Reeves Martin Jr. Alan Richard Marvel * • + Gino McCarty ** Robert Brandon McIndoe + Justian Gerret Meyer *** Matthew Donald Miller James Coval Moore III *** + Steven James Moore ** Eric Thomas Morphis *** + Sami Rafi Muhanna Son Lam Nguyen ** + Madeleine Simone North TiOluwa Shola Olarewaju ** + Krista Marie Palmer + Wallace Blake Panter ** Stephen R. Pardue ** + Kyuhong Park *** Lily Peng * An Thanh Pham Kirsten Aubrey Roberts Stephen Luis Roca * • Alexander Donald Roe *** Leo Thomas Rossignac-Milon *** Dhruv Saksena *** Alexander Jacob Saltiel ** • George Andrew Schoepf + Saman Shareghi *** Sparsh Sharma • Aziz Akbar Ali Somani *** • Bryan Christopher Sprague ** • ∆ + Christopher James St. John Zachary Ryan Suffern *** Timothy Earl Swihart II *** • Lauren Nicole Tanguay *** Bharadwaj Sai Bhaskar Tanikella George Robert Tankersley **Robertson Taylor** Parthkumar J. Thakkar *

Annie Tsai ** + Brian Samuel Turk • Mehmet Ekin Uygur Utkarsh Pradeep Vaidya *** + Prahlad Venkatesh *** Donnie Bo Ward Stephen Henry Whipple * Ilyssa Tiffany Widen ** + Andrew Mark Wilder *** + James Bradley Willis *** Bradley James Wittenbrook * + Steven John Wojcio *** • Kai Wu Mladen Fyodorov Yakimov Xialin Yan ** Chuan Pan Yao ** • Stephanie Michelle Yawn *** • + Jennifer Heyen Yim *** Seong Pil Yoo Adam Peter Yost Steven Kaivu Zhang *** Michael Anthony Zipp •

Ivan Allen College of Liberal Arts Bachelor of Science

COMPUTATIONAL MEDIA Interdisciplinary with College of Computing Robert Avery Allen *** Aidan Bryce Arrowood Kyle Thomas Blevens *** **Joshua Matthew Clark** Tamara Alexandra Corbett Kevin David DeMuro * Angel Elyse Dixon Matthew Aaron Edwards Matthew Paul Eziashi Kevin Austin Gasaway * Gabriela Granados Williamrobert Kjinset Green *** Gregory Michael Hendler Marc Bernard Huet *** Lauren Alexandra Jarrett ** Adam R. Ledoux *** Joshua Clay Lill Ashley Blamey Longneckern Mary Catherine Macheski-Preston * Sarah Louise Mertz *** Andrew Douglas Nelson + Margo Veronica Osborne ** Samantha Elaine Rich Andrew Lloyd Schneider + Kelley Beckett Sheffield Kaitlyn Elizabeth Staples *

Patrick Thomas Swift * Michael Thomas Vail Andrew John Van Deventer + Cindy Mei Hong Wang Chia-Chun Wu Daniel Bo Xiao Ying Yao * Clayton Mitchell Yarborough Yan Xin Zhang

APPLIED LANGUAGES AND

INTERCULTURAL STUDIES Emily Ruth Fitzharris *** David Lamar Garner Austin Brent Joyner Parker Alan Kemp Colleen Lu Christianna Madson * + Corley Rachelle Price *** Shelby Jeanne Schuller *** Sandhya R. Srivatsan *** +

PUBLIC POLICY

Graham Paul Goldberg *** Meaghan Katherine Ryan + Jonathan Michael Vallecillo James Daniel Woodson +

HISTORY, TECHNOLOGY, AND SOCIETY

Barry Lemar Bostic Jr. + Patrick Joseph Chatfield Jenna Elizabeth Hollenkamp *** + Katherine Nicole Ledbetter *** April Tara Martin *** Elizabeth Lutz Pemberton Ella Marie Smith *** James Daniel Surgent *

SCIENCE, TECHNOLOGY, AND CULTURE

Emma Katharine Beisel *** Robert Michael Collier Jr. Synjyn Skky Days Jenna Catherine Dundore + Tyler Weston Fernandez ** Keith Buren Frady Kristi Maria Hector + Camilla Wood Henriksen John William Holleman Lindsey Ryan Hollenbeck Ashtaan RaVonne Horton Jordan Lynn Jackson + Errin Christopher Joe Anjana Ann Kallarackal *** Dawnn Sheree Maye + Jake Alan Scott Zemke

* Honor ** High honor *** Highest honor • Co-op & International Plan + Summer Graduate

INTERNATIONAL AFFAIRS AND MODERN LANGUAGE

Katherina Marie Delgado ** Paria Nyda Ghyabi Jacline Valerie Ann Griffeth *** Lily Jennifer Long * Michelle Leighan Melear *** Katie Michelle Pursel * + Lauren Justine Rhodes *** Meaghan Elizabeth Webb +

INTERNATIONAL AFFAIRS

Safa E. Arun * Bailey Garner Garrison * Taylor Newhouse Gray *** Abigail Sloan Haynes *** Chris Waylon Howell Kimberly Ann Knight + Elizabeth Schultz Lacksen *** + James Neal McDowell *** ∆ Kelsey Brice McNamara ** Tatiana Elizabeth Posada + Aureen Mary Richardson *** + Emily Ames Robey-Phillips *** + Craig Robert Sage Amanda Nagar Shojaee Henry Durant Tullis IV * Steven David Waugh Jr. + Julia Elizabeth White

ECONOMICS AND INTERNATIONAL AFFAIRS

Bryant Keith Barnes II *** Sarah Elizabeth Graham * Lauren A. Llerandi *** Δ Bhavik Mukesh Pandya **

GLOBAL ECONOMICS AND MODERN LANGUAGES

Stephanie Danielle Biercewicz * Monique Nicole Pate + Elizabeth Anne Perreault *** +

ECONOMICS

Cathryn Elaine Campbell Bharat Chandrasekhar *** Sourabh Bhaskar Chatterji Norman Kofi Gyamfi Trevor Kenard Lindsay Cameron Paul Moore + Dominick Paul Peters Eric Lee Slone Stan Harper Stephenson

College of Architecture Bachelor of Science

ARCHITECTURE

Justin Paul Brinkworth + Pavan Ravi Iyer *** Alfred Dennis James Jr. Gitanjali Isabel Khote Songmi Kim ** Olivia Elise King Jin Woo Lee * William David McCollum ** Δ + Linda Marie Ortiz Lauren Nicole Tanguay *** Alfredo Javier Zavaleta

BUILDING CONSTRUCTION

Blake Harrington Carson * Jack Nolan Grove Christopher Andrew Henry ** Hillary Meagan Jones Suzanne Wellman Solis **

INDUSTRIAL DESIGN

Daniel William Adair Jee Yong Ahn Jasmine Kaila Burton *** Nadia Caterin Dorado *** Megan Elizabeth Houlihan ** Kayla Marie Marland + Samantha Jo Svedlund

Scheller College of Business Bachelor of Science

BUSINESS ADMINISTRATION

Iamil Kadeen Ahmed + Nolan Ryan Alexander ** Nour Deen Alnoury Lisa Jean Altshul * Niki Arjmand *** + Hunter John Asip * Tameem Badwan Sierra Destiny Bailey Ji Yun Bak Saxon Dieter Hugh Voss Bartsch *** Chase Oliver Bass Brandon Tyler Bates * James Gregory Geoffrey Batrouney + Peter Bau ** + Melissa Devon Bayley *** Zachary Mark Bazrod * • + Katelyn Nicole Bill Souha Bouhafs *** +

Matthew Lewis Brown + Kristopher Arthur Bryant *** James Louis Bunkley Jr. Lauren Camilletti Burns *** • Ioseph David Caforio * Andrea Marie Campuzano William Warren Chanaberry II + Stephany Dee Chang *** Yajian Chen Harris Alexander Clayton *** Collin Michael Cole Ronald William Cole III + William Tobin Coons *** Quirtina Gesiele Crittenden *** + Robert Evan Cuellar + Hannah Breann Cyktich Feyishayo A. Dahunsi * Jake Arthur Davies Austin Alan Delk ** Corey Michael Dennis Zahra Kamrudin Dhanani Murphy Oliver Dixon Allison Elizabeth Dow ** • Ryan James Duckworth *** Samantha Leigh Duckworth + Taylor Linn Durbin • Hannah Marilyn Earle *** **Thomas Mitchell Earnest** Jordan Tyler Edgar Camilo Andrés Espinosa * Grant Alexander Foley Caroline Elizabeth Freeman * Robert Dexter Fritts Jr. * + Callie Elizabeth Gainey *** + Nicholas Thomas Galli + William Dennis Gast *** • Benjamin Carl Getty *** △ Kyle Francis Gifford Slayton Beck Gilmore *** + Graham Paul Goldberg *** Matthew Robert Goldschmidt * Camila Gonzalez Benitez * Jennifer Scirghi Grant Timothy Carl Gustafson * Phoebe Jiyoon Han Eliza Rose Hanson *** + Margaret Amelia Harrover Franklin Zachary Hartman Devon Patrick Hathaway Nicole Song Hayes Casey Marie Hill Wesley Michael Hodges Kristen Tate Holcomb *** Gregory Allen Horton Connor Joseph Houlihan * James Richard Hyde Jr. ***

Yuri Esther Jang + Lily Hansol Joo Amanda Kathryn Jordan *** • Christopher Joseph Jordan + Maggie Irene Kellett ** Kyle Matthew Kennedy * **Tyler Francis Kiely** Andrew Kim Angela Bitguseul Kim ** • Ionathan Eujong Kim Taeyoung Kim *** Hannah Cley Knighten * Sophia Byrne Koch + Andrew David Kown Sadie Lynn Lake * + Cristina Inez Lara ∆ Ionathan Thomas LeBoutillier *** Dongwon Lee + Jonathan Lee + Senghyun Lee Kari Anna Lien *** John Martin Locker *** • David Thomas Lyle Christine D. Mai Pramod Majji Tyler Joseph Marcordes Yasin Mohammed Matin Eric Harold Matson ** A Allen Patrick Mazerolle II Samuel Joseph McMillan ** Samuel Joseph McNearney Divia Kanti Meka ** + Rachel Iulia Meltzer Nicholas Salvador Menocal Samuel Philip Meyer *** Samantha Ann Miller Mary Elizabeth Mixon Caleb Alexander Morris Ross Stephen Kress Muhlenberg ** + Spencer Thomas Murray Pratik Narendra Nadkar George Alexander Oxford ** Rachel Ryan Palumbo *** Adil Pasha ** Arjun K. Patel ** + Samuel James Pechar Ivana Rosa Perez Miguel Fernando Perez * + David Patrick Peterson Alexandria Lynn Piper Patrick Malcolm Pittaluga S. Elizabeth Poole ** Ionathan George Radivoj * • Ashiqur Rahman +

Austin Curtis Regnery

Sara Marie Roberts * Brian Patrick Robinson ** • Rachel Lillian Faith Rogers Robert Wade Rogers Kevin Joseph Rogstad *** Daricus Lorenzo Rounsaville Jacqueline Sample *** Alexis Sarris Shannon Lynn Sexton *** Kevin Crandall Seymour + Mercedes Lane Shannon Sepehr Shareghi-Arani *** Ambreen Naz Sharif Nazifa Kristina Sharifi Christopher Ryan Sharp Clark Longworth Shelton *** Chamberlynn Shelton * Addison Chester Sheu + Sabeel Siddiqi + Jeffrey Grant Siegel * Priyanka Singhal ** Mark Andrew Sitton *** Matthew Gregory Slother *** • + Mackenzie Archer Sorem * Ryan Paul Sparlin Lauren Melissa Spencer + Andrew Reavis Stamps *** John Alan Stewart *** Shan Francis Sullivan Rachel Lynn Suraco Phillip Cole Swecker ** William Lawrence Sweet *** Elizabeth Eileen Syfert Pamela Dawn Teslik Raj Thakkar Ashley Eileen Thomas Jessica Elizabeth Thomas ** John Brandon Thomas *** Charles Donald Thomason *** Drew Cameron Threlkeld ** Sean Michael Tobin Duc Viet Tran *** Taylor Nicole Traner Sonya Bilkis Uddin *** Jonathan Michael Vallecillo Sara Kay Veal + Nicolas Velasquez *** Maria Lucia Villa-Garcia *** Julia May Waldman Darren Charles Waller Hailey Elizabeth White Sarah Marie Wissing *** Garrison Ross Young *** + Kasmi Zaman

MANAGEMENT

Demetrius Deon Hill Dustin Allen Isaacs Jarrett Matthew Jack + Quayshawn Tyree Nealy DeAndre Tremaine Smelter Tony Antonio Zenon

College of Sciences Bachelor of Science

BIOCHEMISTRY

Jin Hong An ** + Marissa Renee Bono Diane Yoonmi Choi *** + Timothy David Coyle Jr. * + Chirag Desai Nicholas Olson Gober Jessica Lauren Gregoire Ryan Joseph Gussenhoven * + Kyle Marie Jacobsen *** Ryan Christopher Lane Alisha Anil Patel Sawan Satish Patel *** + Tolar Gene Powell Jr. Drew Alexander Vander Wood ** Ashten Leigh Vogelsberg • Ashley Nicole Zuniga •

DISCRETE MATHEMATICS Lianghao Chen *** +

EARTH AND ATMOSPHERIC SCIENCES

Maggire Jane Dinizio Bryan Lloyd Elsenbeck Katherine Elizabeth Myers *

BIOLOGY

W. Hunter Adams IV Leonid Igorevich Aksenov *** Kelli Michele Allen + Bennett Leonard Alterman * ∆ Alex Bandea Michelle Ivanna Bowen-Fleming Sarah Anne Camp *** + Michael David Delvin * Lincoln Fantaski * Kaitlyn Mari Fragogiannis *** Chloe Leigh Franklin Bibiana Garcia *** + Stephanie Jean Grimes * **Riley Thomas Hannan** Rachel Shizuka Heckman Caitlyn Holden Hodge Tobias Fabian Robert Hoffmann * + Nasim Khoshnam

Young D. Kim ** + Sothivin Matthew Lanh ** Hean Gee Lee Jinwoo Lee ** Anne-Kathryn Love Shivin Madivanan * Laura Paola McKenzie Kelly Elizabeth Neary *** Courtney Briandra Pettiford Poorna Sekharan Rajeevan Shelby Lee Rittweger Kathryn Grace Sanders Anika Christine Scholz * + Michael Paul Vredeveld Chevaughn St. Andrew Waller Stewart Thomas Weisheit * Rachel Nicole Whitmire + Araya Zaesim ***

PSYCHOLOGY

Jason D. Chan Jessica Faith Clevenger *** Eric Daniel Flynn Meera Elizabeth John ** Ryan Dennis Krepps Lauren Elizabeth Lewis ** Paige Brianne Lowe + Elana Rose Marks ** Laura Ann Matalenas + Christina Amber Pugh * Nathen James Steele Eric Matthew Turnquist ** + Gerin Janéa Williams *** Ianek David Witharana Ashley Alexandra Wright * Wanyin Yu **

APPLIED MATHEMATICS

Kerry Elizabeth Cogan Daniel Michael Condon *** Yijian Gao *** + Kaiwen Lv ** Ziye Ma • Alyssa Martinez ** Minh Joseph N. Nguyen ** Shelby Jeanne Schuller *** Wilson Shur Huong N. Tran Edwin Fitzgerald White Jr. Jesse Sidney Youngner

PHYSICS

Luke Joseph Buffardi *** Stephen Edward Hooper Jr. Jared Alexander Huggins * + Joseph Walker Johnson Elwin Martin + Christian John Reitz **

CHEMISTRY

David Nicholas Aban Ashleigh Elizabeth Cummings *** • + Jeffrey Thomas Hamilton Christopher Alexander Hammonds + Kyle Graham Klosinski John Thomas McKowen Marianne Smith + John Evans Taylor Jr. *** Martin Chen Hsuan Wu

College of Engineering Bachelor of Science

ENVIRONMENTAL ENGINEERING

Catherine Chika Achukwu • Greta Touchstone Carlson * Jamal Gregory Cooper Amanda Marie Davis Lauren Elizabeth Graham Ansley Marie Grantham Brent Allen Harrison Sharlene Khan * + Karishma K. Patel **Tianyue** Peng Katie Elise Poynter * Tanaporn Ann Ruengvivatpant *** • Iordan Michelle Shields Anna Nicole Skipper *** + Virginia Lee Swint Jamie Lynn VanTassell Wenjun Zhou

BIOMEDICAL ENGINEERING

Yagna Angirish Seunghyuk Baek Christopher James Baker ** William Alphonso Bennett * Connor Ronald Beveridge Jennifer M. Boothby * • Soham Bose *** Christina Gail Bright Andrew Ko-Ping Chang Michael Ray Chen Hoi Yin Cheung Jae Sung Cho *** JaeHyung Choi Adam Ross Cooke *** Mark Ellis Corrin * Nathan Thomas Cummings ** • Matthew Gregory Czerwonka Jacoby Demetri Levon Daniels ∆ Alec Edward Defilippo *** Mary Grace Evelyn Ernst * Kiley Katherine Fagan *** Avery Mitchell Foley + Thomas Mccarty Fortes Jr.

Lara Emily Gartner * Victoria Lauren Geisler *** • Pevmaun Ghafouri-Kia Belane Bethlehem Gizaw Willy Arthur Goal Kenan Vytautas Anthony Gungor + Ashley Sydney Hardy Haley Beth Hallman Harris Duncan Thomas Hathaway *** Ryan Scott Helm Δ Tarrah Anne Herrmann ** John Tyler Huber Ryan Hyunsoo Jeong + Sheng Jiang * Kyle Joseph Johannsen Meera Elizabeth John ** Anish Joseph + Logan Ryan Kells *** • Hanul Kim + Doyeon Koo Vivek Ajay Kothari *** Allison Marie Kramer Catherine Mieko Kwon *** Brian Thomas Leach ** Seung Eun Lee ** Vicky Lezcano + Erika Lee Loupee Ross Edward Lucier * John Patrick Mahonev • Prerana Pyari Malla *** Patrick Joseph McGill Alex Ryan McIntire *** + Elaina R. McLean + Carolyn Ann McPherson Matthew Steven Miller + Jihad Ameer Mims Kirk Joseph Naizer * • + Mohamad Ali Toufic Najia *** Joshua Miller Newton *** Esteban David Ongini Smoljo *** Daniel Brian O'Rourke Sarah Elizabeth Ortman Rahul Panicker * • Marcel Pena *** Amy Louise Pierce *** • Kunal Kambo Puri + Bahar Rahsepar *** Eleanor Katharine Reeves ** Asra Rehan Dylan Mathias Richards ** + Cara Elizabeth Rodriguez * Megna Ameeta Saha Sanaiya Yezdi Sarkari ** Zachary Alexander Seidel • + Sachin Shah + Safia Siddiqui ** Thomas Rhoades Sturkie **

Jasmine Meera Suh Stephanie Angela Theodoris + Laura Lucile Tucker *** Kevin Aaron Veloso Saumya Venkatesan + Marnie Elizabeth Williams *** Ant Yucesoy Mahia Zamayar

MATERIALS SCIENCE AND ENGINEERING

Alejandra Arango Tyler Crandon Chamblin Janine Evelyn Feirer *** Zackary Joseph Hixon Christopher Martin Leinweber *** • Andrew Kegan Lyon Sandrine Irene Makambue Kountchou Henry John Marcacci *** Michael Robert McDonald + Ji Yeun Park ** + Christopher Michael Smyth Benjamin Allen Wade ***

COMPUTER ENGINEERING

Zachary Yaser Al-Nasser Daniel Burbank Argue + Andrew Lee Boatwright • Paul Andrew Bunch *** Thomas Cole Carver * • Zhiwei Chen Andrew Elias Duda *** Brent T. Dupont Nakul Dureja *** Adetola Nathaniel Faminu Quentin Richard Fruhauf* Bi Ge ** + Jaison George Adrian Gonzalez Gonzalez *** • Michelle Charnelle Carine Hansey Andrew James Harmon * Patrick Caleb Harp + Andrew James Hebert Jr. Jordan Elizabeth Holley ** Alejandro Jimenez *** + Stuart Davis Kent Jr. *** Alan Hin-Wing Lai + Alex Thomas Lipford * • Colton E. Mathis *** Henry Young McCord VI Andrew Patrick McDonald Jordan Drake Melliadis *** Hitesh Patel Eric Scott Patterson • Vu The Phan Kyle Carter Post * •

Paul George Rabbat *** • Derek Antonio Roberson Hector Daniel Rodriguez Brandon Mitchell Smith John Ryan Stockhoff ** Daniel Vogh • + Richard Wan *** Chong G. Wang ** + Joshua Irvin Waters * • Joshua Orlando Zuniga

NUCLEAR AND RADIOLOGICAL ENGINEERING

Michael Regis Baldwin *** + Wimoke Boonnuch Brandon Michael Fehr *** Jessica Erin Maddocks Christian David Martinez Rey Donald Kyle Mitchell + Reed Collier Parsons Puvithel Angelynn Rajan + Nathaniel Kyle Whitney + Joshua Blake Wycuff **

INDUSTRIAL ENGINEERING

Rachel Marie Adams Manuel Alexander Aguilar ** April Ahn ** • Maria Grace Avers *** + Kshiti Bachlaus ** Joseph Sung Keun Baek * Ian Edwin Bailie *** • Xavier Alexander Baisden Alen Banic Michael Blake Bauer * • Andrew Thomas Bedenk ** Walker Ethan Belcher * • Jason Thomas Bello • + Jacob Cabe Blaeser *** Mario Bonduel Smith *** A Heidi Pamela Bonilla * Zachary Howard Brown Dylan Joseph Buczek *** Nicholas Scott Buczek *** Nicholas Anthony Callas Andrew Beaumont Caroe + Christopher Gregory Carscallen ** Rachel Lynn Cass + Brannon Jackson Chandler Rhea Chaudhry Jefferson Rosenbloom Chesnutt • Gianluca Chiari Sarah Mae Childs Chad Edward Christopher Jinwook Chung Alina Reann Cornejo *** Gregory Scott Dixon Justin Matthew Doppel

Jessica Corinne Dow Sarah Ann Drath ** Maira B. Duque + Robert Darken Ellington • + Amalie Anne Erwood *** Wesley Thomas Evans • Andrew Sheng Fan Seung Yeon Fee ** Eric Quiroz Frey + Robert Frost Jr. Bailey Matilda Gee Amir Ghabel Olivia Deborah Gibson Christopher Brooks Godfrey *** Paola Gomez Damian Ramone Rene Grace Jared Murphy Greathouse ** Andrew Richard Green Frederick Martin Grimm Jr. *** Peter Hansel Gumulia Ayodeji Olasunkanmi Hambolu * Kyle Clifford Hendrix *** • Tomer Dov Hershkovitz Benjamin Bates Hilton Christopher Michael Hoag T. Clark Howell *** • Matthew Dean Johnson *** Michael Kalil Jones * • Jae Jin Jung Michael Alexander Kamor • Christina Ashley Keillor *** Erin Elizabeth Kelly * Joshua Woo Kim + Na Young Kim * • Wonjun Jeremy Kim * • Young Hoon Daniel Kim Youngsoo Kim *** Alexander Coleman King * Jonathan Andrew Klaer London Alldredge Lamb *** Claudia Viviana Lara * Kee Baek Lee * SangMi Lee WooHo Lee * • Matias Leguizamon *** Megan Joy Levine *** Xiaoyang Li *** Timothy George Lin *** Chang Liu *** Sally Liu Giovanni M. Mannella Desiree Michelle Marchand ** • Steven John Marcolla + Audra Victoria Marsh * Jessica Elizabeth Martini * Allison Margaret McCall *

Michael Yuryevich Doudy • +

Shanae Candis McCray Garret Thomas McCurry • James Anthony Micali ** Alexander Mitkov Milkov * George Hunter Mitchell Rahul Trushar Mody + Lucas John Mosher Tahsin Munir *** • Kathryn Batchelder Nickerson • Rvan Anderson Nolan Asher Gusti Noria Elisa Novak + Allison Faith Oesterle * • Kristi Rebecca Painter * • Donghun Park Jisu Park *** Richard Saeyong Park Jay Vijay Patel ** Prit Anant Patel Sagar Rajendra Patel Andrea Camila Pava * Christina Marie Perko *** • Watcharin Henry Photangtham *** Leah Elizabeth Purdy Jacqueline Patrice Quirk * • + Tanay Sushil Rajore ** • Nichole Teresa Randall *** John Martin Rice • Lemuel Christian Ty Robinson Taylor Simone Robinson Mark Taylor Rodgers Kyle Walker Rose Lisandro Sagastume Joshua Robert Sanborn Vinay Kumar Sangawar + Taylor Hall Santucci Maxwell David Schroeder ** Maxwell Nolan Sellars ** • Mengnan Shen *** Kelly St. Clair Short Karan Singh * Danal Thomas Slay Jr. • + Braeden Alexander Snook ** Mackenzie Archer Sorem * Ashleigh Faye Stone Sai Krishna Surapaneni Andrew Stidger Taylor *** • Jo-Ann Zachariah Thomas * • Lesly M. Thomas • Timothy Kim Guan Tjia-Gan ** • Katie Alysee Toler Christopher Donald Trammell ** • +

Laura Marie Tschirn *** + Philip Benjamin Tylman Matthew Alexander Tymchuk * • Nandhakumaar Umapathy +

Alexandra Marie Underwood ** + Manoj Vangala *** Natasha Vasandani *** • Silvana Ximena Vivanco * + Huong T. Vu Muriel Wacker *** Daniel Wang Song Wang Yin Miki Wang * • JongKwan Woo Emilie Wurmser *** Δ Yuanchao Yao *** Sam Yarney Wing Kwan Yeung ** Yohana Yohana ** Hosang Yoo Yechan Daniel Yoo + Kaitlin Frances Young *** Christopher Ji Eun Yun Ronald Zhang

AEROSPACE ENGINEERING

Tyler Reed Anderson *** • Zili Bai + William Michael Bartholomew Jr. Moises Beltran Jr. Christopher Daniel Bosland ** • Augustus Scott Boyd Lucia Casucci * Xichao Chen Jesse S. Cheung • Sahithya Lakshmi Chodimella • + Arthur Jackson Crumbley IV ** Mathew John Cruthirds Ashley Elizabeth Daffron Kyle Anthony Davis Nicholas Phillip Demorest * • Kuhnen Sohan Desai Darryl Thomas Dickey Brenna Marie Dittmar Brian Christopher Drexler Allan Ruffin Farber Veronica Lynn Foreman *** Mriganka Sekhar Ghosh Samuel Lozada Graham Anthony Robert Gray *** Austin James Hazelrig Seth Benjamin Hensel Michael Allen Herman *** Ahsan Raza Khan Susravya Kondamuri Steven Michael Kuckelman * • Steven Costa Larson • Roger Lascorz *** Kevin Indra Leader Ye Liu ** Colin David Womack Ludwig

Bryce Andrew Martin Zachary Douglas Mason Midhun Varghese Mathew *** Mitchell Glenn Mathis Kevin Alberto Morillas Tuure Novian Pasto *** • Chinar Jignesh Patel * Meet Rajesh Patel Oscar Pierre *** Kevin Vivian Ouach ** Amarnath Thirumadhavan Raveendran * Joshua Paul Rogers * Earl P. Rosseau III David William Shelton *** Clifford Christopher Sircar Eric Lee Slone Alexandra Camille Smith ** Andrew Cullen Smith *** • Patrick Xavier Sosa Evan Marshall Srnka ** Michael A. Stearns Alexander N. Taleb + Justin Earl Thigpen Nghia Cao Tran *** • Matthew Charles Tyrpak * • Colin Andrew Vanatta + Eric Cameron Vivian + Kyle Andrew Wheeler Henderson Kingsberry Wood IV

CHEMICAL AND BIOMOLECULAR ENGINEERING

Iaewuk Ahn * John Robert Barkow Alexander Thomas Bedillion ** Michael Martin Berlinger * + Aaron Michael Bocian • + Christopher Scott Bohlmann *** Afrah J. Boigny + Skylar Dawn Bragers Hope Patrice Brown John Kevin T. Busa * William Charles Cangelosi Jr. *** + Selina Chan *** Bo Chen Lyndell Amanda Cleaveland Elizabeth Rachel Coco * Pam Kendi Cole Joseph McCuddy Culligan *** • + Carlos Alberto De Cardenas * David Ding • + Jessica Elene Doyle + Michelle Dianne Drewry Nathan Gregory Echols *** Christine Elizabeth Farsi Patrick Ian Figueroa

Pouria Garrett *** Robert Stephen Gordon * Kavlee Iov Goss ** Christian Matthew Grexa *** • Chelsea Elizabeth Hester + Erin Catherine Hogan *** Tyler Evan Boniface John + Joseph Emil Kazez * + Dan Kim *** Phillip Rusa Kisembo Young Hun Lee Hanyang Li ** Andrew Yeonju Lim Thon Alexander Magdaleno *** Jose Thomas Mathews Anna Alescia McBeath * • Philip Luis Miller Andrew Wesley Moore + Eddie Hercules Morris III Ryan Jason Ng • + Maximilian Minhthong Nguyen ** Myryah Sekhem Nicholas + Katherine Rachel Ohnemus *** Nicholas Scott Orangio *** • Taeloon Park Alexander Tien Phan *** + Karina Nikolayevna Psareva Yurancy Elena Quinones *** Mohammad Rafey John Milton Rhyne *** Mark Patrick Richer *** Ramon Sanchez Romero Diego Edgardo Sanchez Cauty + Christopher Alexander Schmitt ** Matthew Dustin Sears + Alec Edward Seco ** Westly Thomas Shealy *** • Arameh Shekarlaban Christine Nicole Smith Ian Yang Smith ** • Michael Exley Smith • + Taylor Gregory Sowder + Pooja Sujit Karan Suraj * + Hursh Vardhan Sureka *** • Christopher Barton Sweat *** + Xin Hong Tai ** Andrew Edward Tatum * Kathryn Ann Thomas * • Nam Huyen Tu * Hai Van * Gabrielle Marie Viola *** • Marc Daniel Wechsler *** + Shun Xi *** + Barbara Zappala * Jianli Zhang *** + DongDong Zheng *** • +

POLYMER AND FIBER ENGINEERING

Katherine Elizabeth Copenhaver ** Emily Ruth Fitzharris *** Shannon Elizabeth Kratz Samuel Mitchell Mercer Jr. ** • Rebecca Lyn Owens

CIVIL ENGINEERING

Orbicio Javelosa Alano Jr. Stephanie Marie Amos *** + Ioshua Lee Autry * Kendall Adonis Barber-Mayo Hadyn Charles Barnes * Valerie Bermudez Maya Shirley Braxton * + Jesse Randall Brooks Gordon O'Neil Brown + Patrick Velasco Castro Victoria Leigh Cawthon Arthur Michael Cheokas + Nicholas Robert Clark + Zachary Anthony Colville Timothy James Deimler Lauren Burke Dermody *** + Justin Tyler Diaz + Patrick Ian Donohue Bradley Alan Englund * • + Robert Ramsey Fede * + Kayla Lynn Fortner Alexa Nieve Francisco Jeffrey Cline Gazaway + Alexandra Noelle George ** ∆ Liza Monica Gomez Joshua Todd Hallock • + Heangwoon Han Megan Marie Hays ** • Thomas Scott Heckman Edward Augustus Hightower IV + Chelsea Kitchens Hill * Chaowei Hu Alfred Dennis James Jr. Ana Belen Jayaro Camargo *** • + Aimee Christine Jones + Elizabeth Brittaney Karlsson Dong-Hyun Kim Bumsoo Ko ** Sung Yau Lai *** Charles Edward Macon Leigh • + Winnie Tin-yun Long *** • Alexander Gregory Loughmiller * + Jose Antonio Luquin + Gonzalo Xavier Marcillo ** + Lucas Bair Martin *** Frederick Xavier Mathis Ir. Shawn Philip McCaffrey

Parhum Nankali + Abigail Jedidah Norton Kyle Gustav Olson ** Alexander Jackson Osborne Harrison Lee Parker • + Marisha Sonia Pena Daila Seguban Peterson Danielle Rodriguez Pierre ** + Geoffrey Lorenzo Price Mark Alfred Putnam Yichao Oian * Zachary Louis Randolph ** Kyle Conner Rowe Eman Said *** Thomas James Shingleton III Mary Kathleen Shinners *** • + Aaron Alexander Steede + Justin Cameron Stutts + Charmaine Claire Tabilas Siu Chun Tam ** Robert Anthony Tibbs ** + Matthew Elliott Timms Thach Nhat Tran • Aimee Sharita Turner + Antonella Ungari ** Sebastian De Jesus Villa ** Brandon Ross Walker Samuel Evan Watts ** Michael Tyler Whaley Alexander Ian Wiechert Derek Michael Zittrauer

ELECTRICAL ENGINEERING

Yevgeniy Agalov * Marius Jean-Luc Albert *** + Martynas Sinkevicius Alcala *** • Chelsey Lynn Arnold + Akash Balasubramanian Tikurete Gebremariam Bantu *** + Shangyi Bi Zahiduzzaman Biswas * Joel David Bradley ** • Brandon Michael Brown Nicholas Alexander Brown Brandon Albert Bruen John Daniel Bush • Alex Craig Cardwell ** • + Edward Blake Carris Andres Antonio Castillo Bueso Bryan Cheung *** Tanzil Chowdhury Jordan Lee Conant *** + Kossi Hola Dadzie + Derek Arnold Deckebach *** Rorv David Desa Christopher G. Diehl Fortune Edmond

David Andrew Elliott • **Caitlin Sullivan Flowers** Manuel Manuel Freije *** Jon Mark Garrett Jr. ** • Seibou Gounteni • Arefin Reza Haque Andrew Mirslaw William Harris *** Taylor Madison Hawley Austin Thomas Herrmann + Sang Ho *** Perry Scott Hobbs *** ∆ Christopher Stuart Holmes • Harris Baker Hosch • Randy E. Hudgins II + Heon Wook Ji + Julian Bernard Johnson + Evan D. Jones • Christos Kamaras Steven Richard Kanceruk + Robert Charles Kantlehner Jr. Cameron L. Karlsson Sridatta Pradyothan Kompella *** Tou Fue Kue • Brian J.C. Kwak Jan Kristen Lauritsen • Garrett William Leach *** Seung Su Lee *** + Xing Yao Leong *** Stanley Bernard Lewis Jr. + Avram Kun Lin Li *** Willy Lin * Al Joseph Luck * Gregory Charles Luppescu *** Tay Van Mai ** Graham Edward McAdory ** • + Patrick L. McAuliff *** Jason Wee Teck Meng Andrew Christopher Milhollin • Kevin K. Mohan Nair Oliver David Moreno * Wesley Neal Morton Mohammad Zubayed Muhi *** • Kyler Pharr Mullins ** Michael Anthony Murray Khanh Huu Nguyen *** • △ Ken Panharak Nuon + Eric M. Palmer • Arjun Dipak Patel * Ateet Ashok Patel * Jeffrey Watson Pettyjohn *** • Matthew John-Wesley Pickett • Nikhil Jayant Ragde *** • Moklasur Rahman + Rohith Rajan *** Eric Douglas Robinson *** • Wesley Graham Rogers

Brendan Ryan + Patrick Winfrey Scannell • Calvin Thomas Shirey Joshua Thomas Skow ** Zivu Song Emily Katherine Stickels + Aleksey Valerevich Stishanok ** • Robert Aaron Sumner • + Raymond Sutanto ** Charles Austin Sutlief Jr. *** • + Tat How Tan *** Junhan Tao *** Kenneth Gordan Trickey • David Patrick Turmel • Russell Allen Turner ** Keshav Krishnamurthy Venkat * Prahlad Venkatesh *** Jing Wang + Junzhang Wang Carlton Lanair Washington Jr. *** David James Williams Michael Jay Williams * • Yuxiao Wu *** Ligin Xu Hao Ye *** Han Bin Yoon Bei Qi Yu Edward Zhang * Qi Zhang Yuanyuan Zhao *** • Xiwei Zheng **

MECHANICAL ENGINEERING

Connor Elias Abdo *** + Matthew Alan Acker John Charles Allen Brian Mark Anderson John Samuel Anderson + Moises Felipe Araya Omar Ashraf Alzaabi Tiffany Wilson Avery Constantine Gregory Avgoustopoulos Matthew Caleb Bales David Robert Balfour + Christopher Glenn Banister * Ashley Marissa Barnes *** Brent Alexander Barnes *** • Matthew Russell Bates Iordan Marie Bell * Klaus Alexander Bendixen Julie Allison Bergen *** Cemre Berk *** Neel Viren Bhandari Ava Newell Bilimoria * Steven Hunter Bobbey + Daniel Lewis Bowman * Heath Thomas Boyd ** •

David Thomas McNamara +

Zachary Richard Bradley *** • Michael Albert Braun III * Michael Edward Brown + Michael Ryan Brown Noah Simon Brunk *** Andrew L. Brustad Lily Elizabeth Burkeen + Jacob Julian Capra Travis Austin Carroll Tyler Edward Caulk * Javier Augusto Cedeño Gavides Pak Hei Cheung Samuel Hyungjoon Chung Michael Francis Coburn Stanley Donél Cochran Jr. + Grayson Coley Cotney • Benjamin Todd Crews Andrew Cudworth + Nathan Robert Damen * Christopher Paul Davison David Christian Dekime Kodzo Setsoafia Deku • Evan James DeLoach + Rohith Desikan *** Dante Simon Dimenichi III *** • Erika Nicole Dommond * + Thomas Wade Doolittle II * • + Karan Hemant Doshi Michael Nicholas Duley • Kevin Patrick Durkan Leah Lorine Dymek Taylor Patrick Earley • + Ryan Michael Edge + Randal Kent Ellis ** Omar Hesham Elsayed * Alexander Phillip Eplan Daniel Anthony Escobar Mateus Gutierrez Feitosa Brian Anthony Ferri * Daniel Joseph Fischer • Whitney Elizabeth Flemister Justin Alan Floody • + Craig Michael Forte Ryan Lee Freeman Matthew David Fronk *** + James Howard Gantt III + TreVorski Tylon Garrett ** Michael Holter Gerov + Jonathan Edmond Gillis ** • Adam Westley Glenn + Alyssa Jo Golemme * Chad H. Gomard-Henshaw Pedro Henrique Leite R. Goncalves Alberto Alexander Gonzalez • + William Morgan Green ** • Jonathon Everett Greenwood •

Lukas Peter Grob + David Gil Hahn *** • + Catherine Adair Hale • Austin Clay Hancock + David Anthony Heath *** Chandan Hebbale + Matthew Joseph Heidkamp • Michael Elliot Herget * + Kathryn Anne Hettinger James Atkinson Hines Nathan James Hodges *** • Liam Holland Mitra Hosseini ** Sisi Huang Phillip Huwiler *** + Madiha Iftikhar ** • Matthew Timothy Jackson Lucious Clyde James Jr. Wade Lee Jeffers Ryley Matthew Jones Jeffrey Jou Rachit Kansal *** Varun Vipin Kapoor Kaitlin Ann Kates Taylor Richard Kelly * • Parker Alan Kemp Adel A. Kharbouch *** Karan Khendry * • Sean Adam Kilbride * Conrad H. Kim + Jeong Hee Kim * + Jared Leon Kimmel *** • Mariah Siorce Kloess + Michael Keith Klooster Sridatta Pradyothan Kompella *** Zachary Alan Koontz Abdel Kader Koundaba • Shreyas Chandrasekar Kousik *** Matthew Cartwright Laszcz Alexander Joseph Layyous + Nahum Theophilus Lazarus *** Amaris Bohee Lee Hye Min Lee + Jessica Young Lee • + Sanghun Lee Brandon Alan Lenz * Man Kit Li Kevin Lie *** Jonathan I. Lieberman • Bryce Walter Ligon Hengte Lin *** Maria Nicole Linebaugh * • Barton Crockett Linkous + James Liu + Ryan Blaine Livingston David Paul Long +

Angela Marie Maisch Ross Clark Mallov * Andrew Patrick Marinaccio + Juan David Martinez * • Daniel Lewis McBrayer III *** • Kevin Patrick McCaulev ** Steven Chase Mellard + Iordan Lee Miller William Harris Minter III Kevin Olivier Miron + Kyle Alexander Moad Seungho Mok *** David Montes de Oca Zapiain *** Thomas Ray Moore ** • Laura Katherine Morgan James Alexander Morrison *** Robert Alan Morton Shekaib Ahmad Musa Brandon Paul Neese • Phat T. Nguyen * + Svetoslav V. Nikolov *** + Corrigan Thomas Nolan ** • Δ + Victor Javier Novoa Yun Ju Oh *** Michael Larkin O'Neal + Colin John O'Neill * • Shawn Michael O'Toole Brijal H. Patel * + Vikram Patnaik *** • Matthew Thornton Pendley Oscar Javier Perero Manuel Alejandro Perez ** Michael Albert Preus • + Kanishka Rawal **Jason Edward Reiss** Jessica Marie Renner *** Shadi Kamel Renno Shawn Edward Roberts + **Jason Burnham Robinson** Nathan Paul Rogers Nathan Alexander Sacks *** Peter David Santoro + Issouf Savadogo Willem Alexander Schuttler *** + Daniel Edward Albert Schwartz Jeffrey Aaron Seiden *** • Erin Nicole Seligsohn *** Steven Thomas Sexton Jonathan Shum ** • Ryan Matthew Simpson *** Andrew Lane Smith ** Ka Wai Kevin So Zhao • Karl Alan Sofinowski *** Sonja Elizabeth Solomon Kevin Soria

Spencer Ross Luettich

Kristen Elizabeth Tocher Spoon Prakhar Srivastava ** Stanford Douglas Stevens * • Owen Douglas Stewart *** • Michael Jacob Stukes + Benjamin Marshall Suttles *** Scott Matthew Sweat Alan James Tahler *** + Michael Tam + Peter Kai Tang *** Maxwell Gordon Tannenbaum ** • Divesh Thomas Nicole Michelle Thomas Christopher Robert Thompson *** Neil Arvin Thompson James Ely Tillery + Henson Phelps Toland ** Joseph Miller Torras + Thanh Mai Tran + Cole Aaron Turner + Christopher Cross Tynan • Kimberly Ann Urie Joel Roger Vigneaux * Lorena Vilela Pazos • + Corv Wade Wacht Mark Christian Wagner Thomas Scott Wagner Jr. Patrick C. Wallin • + Chengshi Wang Luke David West Virginia Jo Williamson *** • + Michael Charles Wilson Douglas Brennan Wisser * • Zachary Ross Witten * James Russell Woodard * • + Joseph Wu Ke Xu *** Yunpei Yang *** Hyelynn You * • Brianna Danielle Young Changxuan Zhao *** Andrew Jay Zweig * +

Colleges and Primary Units of Georgia Tech

COLLEGE OF COMPUTING

The College of Computing has been expanding the boundaries of computing and its applications since 1990. Now consisting of three schools — Computer Science, Interactive Computing, and Computational Science and Engineering — the College pushes the boundaries of knowledge far beyond the traditional world of programming, not only recognizing but also championing all platforms and applications. The College also is a recognized global leader in transforming computer science education, first through its much-copied Threads curriculum for undergraduate degrees, and more recently with the online Master of Science in Computer Science, the world's first graduate degree program delivered via the "massive online" platform.

The College has six affiliated interdisciplinary research centers: the Georgia Tech Information Security Center; the GVU Center; the Center for Experimental Research in Computer Systems; the Algorithms and Randomness Center; the Center for 21st Century Universities; and the Institute for Data and High Performance Computing. It also plays a central role in Georgia Tech's newest interdisciplinary research unit, the Institute for Robotics & Intelligent Machines. Nearly 2,000 students are enrolled in the College, including some 1,300 undergraduates and almost 700 graduate students.



ZVI GALIL, Ph.D. Dean, College of Computing

IVAN ALLEN COLLEGE OF LIBERAL ARTS

Celebrating 125 years of liberal arts at Georgia Tech this year, the Ivan Allen College of Liberal Arts conducts broad-based interdisciplinary education and research linking the study of societies, cultures, media, policies, and politics to technology, engineering, computing, and science. The College has nearly 900 students matriculating in B.S., M.S., and Ph.D. degree programs that include innovative joint degrees. Named for the courageous former

Atlanta Mayor Ivan Allen Jr., the

College is composed of six schools: Economics; History, Technology, and Society; the Sam Nunn School of International Affairs; Literature, Media, and Communication; Modern Languages; and Public Policy. The College is internationally recognized for its curricula and research in the fields of digital information and interactive game design, educational technologies, history and sociology of technology, Internet governance, international economics, international security, the advancement of women in science and engineering, environmental policy, and technology policy. It offers international language and culture programs including its signature Languages for Business and Technology Program. The College is also the home of Georgia Tech's Army, Navy, and Air Force ROTC units. Ivan Allen graduates assume leadership roles in law, industry, government, and education.



JACQUELINE JONES ROYSTER, Ph.D. Dean, Ivan Allen College of Liberal Arts

COLLEGE OF ARCHITECTURE

The College of Architecture combines progressive design with engineering. Students, faculty, and researchers in the Schools of Architecture, Building Construction, City and Regional Planning, Industrial Design, and Music work across boundaries and physical scales, from cities to buildings to systems. The College is a cultural center of creativity and frequently hosts world-class performances, exhibitions, and lectures. Approximately 800 graduate and undergraduate students are enrolled in the College of Architecture, and roughly 1,200 students — representing all colleges at Georgia Tech — enroll in music courses each semester. Alumni of the College work all over the world and are leaders in their fields. One of the top three producers of research nationally among schools of architecture and the arts, the College is home to

research initiatives that range from developing simulation models for building efficiency to radical new ways of listening to and composing music, and are sponsored by corporate, nonprofit, and government agencies including the National Science Foundation, the U.S. Military Health System, and major software developers, among others.



STEVEN P. FRENCH, Ph.D. Dean, College of Architecture

ERNEST SCHELLER JR. COLLEGE OF BUSINESS



MARYAM ALAVI, Ph.D. Dean, Ernest Scheller Jr. College of Business

The intersection of business and technology is at the heart of the Scheller College of Business. Today that focus is more relevant than ever before. Leveraging Georgia Tech's strengths in entrepreneurship and technology innovation, the College prepares students to succeed in the rapidly changing world of high-tech business. The interdisciplinary nature of the curriculum stresses teamwork, cultural diversity, and relevant solutions to realworld problems to create a solid educational foundation for the business leaders of tomorrow.

The Scheller College has earned a place among the most highly respected business programs in the nation since it was established more than a century ago. Today, the College offers bachelor's, full-time MBA, evening MBA, executive MBA, and Ph.D. degrees, as well as a wide range of custom and specialty programs for executives and professionals.



PAUL M. GOLDBART, Ph.D. Dean, College of Sciences

COLLEGE OF SCIENCES

Established from the former College of Sciences and Liberal Studies, the College of Sciences provides programs in the natural, mathematical, and behavioral sciences.

The specialized academic programs in the Schools of Applied Physiology, Biology, Chemistry and Biochemistry, Earth and Atmospheric Sciences, Mathematics, Physics, and Psychology attract students who have a strong interest in science and mathematics and are interested in relating their educational experience to social, governmental, industrial, and postgraduate fields.

Current enrollment in the College is approximately 1,120 undergraduate students and 845 graduate students. Some highprofile graduates of the College of Sciences are Ashworth Stull (1937), inventor of the "White Glue" that became known as Elmer's Glue; Glen P. Robinson Jr. (1948, 1950), founder of Scientific-Atlanta and owner of patents on solar energy and antenna systems and energy; Kary B. Mullis (1966), inventor of the polymerase chain reaction (PCR) and a 1993 Nobel Prize recipient in chemistry; Gilbert F. Amelio (1965, 1967, 1968), former chairman and CEO, Apple Computer; and Nancy "Jan" Davis (1975), astronaut.



GARY S. MAY, Ph.D. Dean, College of Engineering

COLLEGE OF ENGINEERING

From the opening of the Institute and the establishment of the School of Mechanical Engineering in 1888, the College of Engineering (CoE) has continually grown. Today, the college incorporates eight engineering schools with a full-time enrollment of more than 13,000 undergraduate and graduate students. The College consistently ranks among the top five engineering schools in the country, both in size and program quality. CoE is the largest producer of women and minority engineers in the country.

The current dean, Gary S. May (1985), is an alumnus of the College. Other prominent alumni include: G. Wayne Clough (1965), secretary, The Smithsonian Institution and former Georgia Tech president; Ronald Wayne Allen (1964), former chairman and CEO, Delta Air Lines; Michael T. Duke (1971), former president and CEO, Wal-Mart Stores Inc.; Philip M. Breedlove (1977), Supreme Allied Commander of NATO; Walter G. Ehmer (1989), president and CEO, Waffle House; Eric Boe (1997), Shane Kimbrough (1998), Sandra Magnus (1996), and John W. Young (1952), NASA astronauts; Lewis Jordan (1967), ValuJet co-founder and former CEO; H. Milton Stewart (1961), former chairman and CEO, the Standard Group Inc.; and George W. Woodruff (1917), philanthropist. CoE has almost 96,000 alumni living in 120 countries around the globe.

GEORGIA TECH PROFESSIONAL EDUCATION

Georgia Tech Professional Education (GTPE) allows working professionals and industry partners to access the expertise of a world-renowned technological research university. As an academic division of Georgia Tech, GTPE embraces the Institute's values of integrity, excellence, impact, and innovation. GTPE delivers a continuum of learning consisting of an ongoing array of educational courses, professional master's degree programs, and industry partnerships. Taught by top faculty and leading industry experts, GTPE courses are relevant and immediately applicable in the workplace. GTPE also hosts English as a second language skills enhancement studies, communityspecific outreach, and learningcentered meeting and conference facilities.



NELSON C. BAKER, Ph.D. Dean, Georgia Tech Professional Education

GEORGIA TECH LIBRARY

The Georgia Tech Library is recognized internationally for robust digital services, student engagement initiatives, transformation of physical spaces, and innovative programming and services. Millions of books, journals, technical reports, government documents, maps, videos, popular reading, science fiction, and other items are available at the Library. The Library's website features access to hundreds of databases and thousands of electronic dissertations, e-books, scholarly e-journals, course-specific research guides, and much more.

With more than 1.2 million visits to its website and 1.1 million on-site visits annually, the Library's services and resources are heavily utilized by the Georgia Tech community.

For students, the Library is a gathering place — cultivating intellectual inquiry, promoting academic discourse, and fostering knowledge. For faculty, the Library supports world-class advancements in teaching and research.

The Library also manages the G. Wayne Clough Undergraduate Learning Commons, a building dedicated to student academic enrichment and innovative learning opportunities. The Clough Commons is a popular, 24/7 destination for students with more than 2.2 million visits annually.



CATHERINE MURRAY-RUST, M.L.I.S. Dean and Director of Libraries

OFFICE OF THE EXECUTIVE VICE PRESIDENT FOR RESEARCH

The Office of the Executive Vice President for Research was created in 2010 in support of Georgia Tech's strategic vision and plan. It provides leadership and strategic direction to the entire Georgia Tech research enterprise to create transformative research opportunities, to strengthen collaborative partnerships, and to maximize Tech's economic and societal impact across the research enterprise and around the world. Direct reporting units include nine interdisciplinary research institutes, the Georgia Tech Research Institute (Tech's applied research arm since 1934), the Enterprise Innovation Institute (the nation's largest universitybased economic development and industry assistance organization),

the Georgia Tech Research Corporation (Tech's internationally renowned affiliated organization that oversees contracting and licensing), and the Office of Industry Research (created in 2013 to coordinate increasing large company partnerships and large federal awards involving industry collaboration).



STEPHEN E. CROSS, Ph.D. Executive Vice President for Research

DIVISION OF ADMINISTRATION AND FINANCE



STEVEN G. SWANT Executive Vice President for Administration and Finance

The approximately 1,700 employees of the Division of Administration and Finance provide administrative and physical infrastructure services to support Georgia Tech's students, faculty, and staff — the platform for the Institute's continuing success in achieving its mission of teaching, research, and economic development. Administration and Finance has responsibility for Georgia Tech's fiscal integrity, and accountability for budget, revenues, expenditures, and money management to the president, Board of Regents of the University System of Georgia, state and federal government, other public and private sponsors, Institute constituents, and the public.



ROBERT N. STARGEL JR. Class of 1983 Chair, Georgia Tech Alumni Association

GEORGIA TECH ALUMNI ASSOCIATION

All Tech graduates are automatically members of the Georgia Tech Alumni Association, an exclusive network of more than 138,000 alumni worldwide, bonded together by the shared experience of Georgia Tech.

Through the Association, alumni get immediate access to an extensive, global network of Tech alumni — an asset that immensely enhances the power of a Tech degree. Other benefits include career-related services such as networking and job search, geographic networks and affinity groups, special events, volunteer opportunities, alumni travel, and ongoing communications including the Georgia Tech Alumni Magazine and Buzzwords, the monthly e-mail update about Tech.

For 67 years, the Association has raised money to financially support Georgia Tech. Monies donated from alumni through the annual Roll Call support the academic mission of Tech, which is truly the heart of the Institute. Projects such as Technology Square and the Campus Recreation Center vividly illustrate the impact of Roll Call. It's a tradition that has transformed Tech into the institution it is today and yet another reason why Georgia Tech is the right choice for so many academically gifted students.



MICHAEL A. BOBINSKI Athletic Director

GEORGIA TECH ATHLETIC ASSOCIATION

At Georgia Tech, academics and athletics truly do mix, and the Institute is rich in both traditions. Tech's 17 intercollegiate athletic teams — managed by the Georgia Tech Athletic Association compete on the NCAA Division I level within the 14-member Atlantic Coast Conference, a league that places high emphasis on academics. Memorable alumni include Robert Tyre "Bobby" Jones, 1930 winner of golf's Grand Slam; Olympic track gold medalists Angelo Taylor, Antonio McKay, Derrick Adkins, and Derek Mills; basketball standouts Chris Bosh, Mark Price, and John Salley; baseball greats Mark Teixeira, Nomar Garciaparra, and Jason Varitek; professional golfers David Duval, Stewart Cink, and Matt Kuchar; NFL player Calvin Johnson; and seventeen members of the National Football Foundation's College Football Hall of Fame. Tech athletes have been led by legendary coaches such as Bobby Dodd, 1945-66; John Heisman, 1904-19; William Alexander, 1920-44; John "Whack" Hyder, 1952-73; and Bobby Cremins, 1982-2000. Intramural sports are available

to all students. More than 20 activities, ranging from crew to weight training, are offered.

The President's Cabinet



G.P. "BUD" PETERSON President



STEPHEN E. CROSS Executive Vice President for Research



RAFAEL L. BRAS Provost and Executive Vice President for Academic Affairs



LYNN M. DURHAM Assistant Vice President



BARRETT H. CARSON Vice President for Development



ARCHIE W. ERVIN Vice President for Institute Diversity



SUSAN E. COZZENS Vice Provost for Graduate Education and Faculty Affairs



PATRICK J. MCKENNA Vice President for Legal Affairs and Risk Management



STEVEN G. SWANT Executive Vice President for Administration and Finance



COLIN POTTS Vice Provost for Undergraduate Education



WILLIAM D. SCHAFER Vice President for Student Affairs



DENE H. SHEHEANE Executive Director of Government and Community Relations



MICHAEL L. WARDEN Vice President for Institute Communications

Special Thanks

ACADEMIC AND LOGISTICAL SUPPORT

Elise Boswell Renee Brown George P. Burdell Robbie Burr Dian Chung Lynn Durham Susan Gilstrap Carla Hendricks Stephen Johnston **Janet** Peterson Alicia Ann Rickhart Susan Roche Kenyona Russell Carol Silvers Patricia Smith Kathy Tomajko Julia Whitfield

ALUMNI ASSOCIATION

Georgia Tech Student Ambassadors Catie McCoy Deidra Smith

ATHLETIC ASSOCIATION

Andy Blanton Zach Brewster Cheryl LaFoy Chris Rettkowski David White

CAMPUS POLICE

Interim Chief Rob Connolly Sergeant Archie Hill and staff

INSTITUTE COMMUNICATIONS

Stephen Bollinger Christine Brazill Rob Felt Lisa Grovenstein Michael Hagearty William Richardson Laura Pusateri Sarah Settlage Stephanie Sigler Dan Treadaway Serena Wallace and staff

The Institute also wishes to thank the dozens of student, faculty, and staff volunteers who helped make today's ceremony possible. Your contributions are absolutely vital, and your hard work and devotion to Georgia Tech are much appreciated.

GRADUATE EDUCATION

AND FACULTY AFFAIRS Leslie Sharp Tatianna Mathews Washington

PLANT OPERATIONS

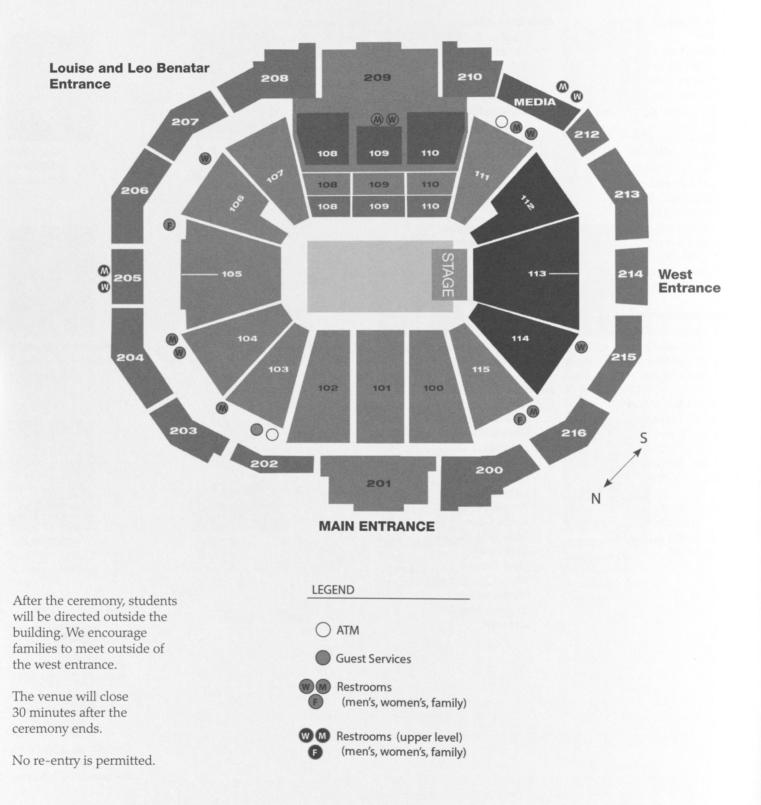
Brandon Ford Alphonso Benson Derrick Jones John Mays

REGISTRAR'S OFFICE

Reta Pikowsky Laura Alger Sharon Binion LaWanda Cole Letisia Cortes Crystal Elster Jackeline Gonzalez Amy Hodges Angie Lucas Wendy Merkousko Luis Ocasio Jesse Parrish Weny Quattlebaum Shellie Sellers Eugenia Snead and staff

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Map of McCamish Pavilion



THE ALMA MATER

Music by *Frank Roman* Words by *I. H. Granath*

Oh, sons of Tech, arise, behold! The Banner as it reigns supreme, For from on high the White and Gold Waves in its triumphant gleam. The spirit of the cheering throng Resounds with joy revealing A brotherhood in praise and song, In memory of the days gone by. Oh Scion of the Southland! In our hearts you shall forever fly. We cherish thoughts so dear for thee, Oh, Alma Mater in our prayer. We plead for you in victory, And in the victory we share! But when the battle seems in vain Our spirits never falter, We're ever one in joy or pain And our union is a lasting bond. *Oh! May we be united* Till the victory of life is won.

THE RAMBLIN' WRECK

I'm a Ramblin' Wreck from Georgia Tech And a hell of an engineer A helluva, helluva, helluva Helluva, hell of an engineer. Like all the jolly good fellows, I drink my whiskey clear. I'm a Ramblin' Wreck from Georgia Tech And a hell of an engineer.

Oh! If I had a daughter, sir, I'd dress her in white and gold And put her on the campus To cheer the brave and bold. But if I had a son, sir I'll tell you what he'd do— He would yell "To Hell with Georgia" Like his daddy used to do. Oh! I wish I had a barrel of rum And sugar three thousand pounds, A college bell to put it in, And a clapper to stir it 'round. I'd drink to all good fellows Who come from far and near. I'm a Ramblin', Gamblin' Hell of an engineer.



