Welcome to the 212th Commencement of the Georgia Institute of Technology. The entire Tech community extends cordial greetings to parents, spouses, relatives, and friends gathered here for this significant event.

For approximately 1,670 undergraduate and graduate students, today's ceremony recognizes their academic achievements at Georgia Tech and inaugurates a new era in their careers.
Spring Semester • Undergraduate Ceremony
May 4, 2002 • 9:00 a.m.
Alexander Memorial Coliseum

PROCESSIONAL
Georgia Tech Brass Ensemble, coordinated by Mr. Ron Mendola, Department of Music

MASTER OF CEREMONIES
Dr. Wayne Clough, president

REFLECTION
Mr. Carlton O. Parker, director, YMCA

NATIONAL ANTHEM
Georgia Tech Brass Ensemble

COMMENCEMENT ADDRESS
Dr. John H. Marburger III, director, Office of Science and Technology Policy, Executive Office of the President of the United States

INTRODUCTION OF ACADEMIC DEANS
Dr. Jean-Lou Chameau, provost and vice president, Academic Affairs

PRESENTATION OF UNDERGRADUATE DEGREE CANDIDATES
College of Computing
Dean Peter A. Freeman

Ivan Allen College
Dean Sue Rosser

College of Architecture
Associate Dean Sabir Khan

DuPree College of Management
Associate Dean Nate Bennett

College of Sciences
Associate Dean E. Kent Barefield

College of Engineering
Interim Dean J. Narl Davidson

CONFERRING OF DEGREES
Dr. Clough
COMMISSION RECOGNITION CEREMONY

INDUCTION INTO THE ALUMNI ASSOCIATION

PRESENTATION OF THE JOSEPH MAYO PETTIT ALUMNI DISTINGUISHED SERVICE AWARD

ALMA MATER

FACULTY RECESSIONAL

“RAMBLIN’ WRECK”

Honors Qualifications: Honor designations are for undergraduates at Georgia Tech who have met the minimum residency hours requirement of 70 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.

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

Georgia Tech Brass Ensemble, coordinated by Mr. Ron Mendola, Department of Music

MASTER OF CEREMONIES

Dr. Wayne Clough, president

REFLECTION

Mr. Carlton O. Parker, director, YMCA

NATIONAL ANTHEM

Georgia Tech Brass Ensemble

COMMENCEMENT ADDRESS

Dr. John H. Marburger III, director, Office of Science and Technology Policy, Executive Office of the President of the United States

PRESENTATION OF MASTER'S DEGREE CANDIDATES

Dr. Charles Liotta, vice provost for Research and dean of Graduate Studies

CONFERRING OF DEGREES

Dr. Clough

PRESENTATION OF DOCTORAL DEGREE CANDIDATES

Dr. Liotta

CONFERRING OF DEGREES

Dr. Clough

INDUCTION INTO THE ALUMNI ASSOCIATION

Mr. Albert S. Thornton Jr., Class of 1968 president, Georgia Tech Alumni Association

PRESENTATION OF THE 2001 OUTSTANDING YOUNG ALUMNUS AWARD

Mr. Thornton
The listing of master's and Ph.D. graduates begins on page 17.

You are requested to refrain from loud expressions of pleasure for individual graduates. Such expressions detract from the recognition due the next graduate in line. Your cooperation is respectfully requested.
Bachelor's Degree Recipients

College of Computing

Bachelor of Science in Computer Science

Highest Honor
Ryan Scott Cavanaugh-Collins
Guy Leighton Ettinger
Matthew Steven Fisher
Anthony Lawrence Gelsomini
Bryan Anthony Harden
Caleb Ko-Yi Ho
Joseph Patrick Hooper
Jared Matthew Ivey
James Christopher Koch
ChokSheak Lau
Ansley Bedell Post IV
Anup Rao
Kane K. See
Nitesh Singh
Tharpe Stephen Strickland IV
Wiewiek Sunarko

High Honor
Shaharyar Rafique Aarbi
John Patrick Anderson
Jamie Robert Booth
Christopher Patrick Campbell
Joshua Todd Cothran
Carl Louis Cox
Alan M. El Sheshai
Mohammad Nauman Fakhar
Tak Lok Hong
Sangita Kumar
Ola Nordstrom
Roger Charles Norris III
Shiva Persaud-Deolall
Ross Tyler Piasecki
Maxwell T. Speyer
Dianna Evon Merriam Volkov

Honor
Eric Michael Davidson
Dipika Jain
Peter Crossfield Jensen
Matthew James Labbe
Kaizad Viraf Mehta
Scott Thomas Nickeson
Christopher A. Nielsen
Oluudare Victor Obasanjo
Daniel F. Parks
Susan Caroline Rathmann
Peter S. Tsai
Rakesh Bharat Vaidya
Justin Paul Wunderle
Lei Xu
Trenton Lee Adams
Abdurehman Ahmed
Irfan Fareed Ahmed
Alexander Elliott Bazala
Marc Francois Berhault
David Arian Besharat
Michael Burkett Biggs
Travis Jonathan Bright
Derrick Reynard Brooks
Tamika Lashonda Bryant
Chad B. Carpenter
Scott Maris Carter
Jamie Lynn Cheung
Joshua Alexander Chudnovsky
Brian W. Davis
Matthew William Flagg
Iman Foufa
Abhinav Gupta
Chi Giao Ha
Matthew Scott Hagen
Les A. Hazlewood
Bharath Kumar
Hemachandran
Khoa Nguyen Ho
Hoang Minh Huynh
Kyung Soo Im
Jamal Anver Karim
David Heng Lee
Alexander Levin
Seth Lilavivat
Ignacio Llamas

John Phillip May
Mark Bryant McCans
Eric Douglas Moore
Christopher Denton Morris
Sojanna Mun
Nurun Nahar
Ross Norton Newberry
Ryan Thomas Norman
Ernest Kyle Oliver
Trishul B. Patel
Nathan Daniel Pettigrew
Adam Ford Redd
Patrick Anthony Reyes
James Earl Ross III
Tiffany LaShan Ross
Alexander Salazar
Mark Kenneth Schilling
Jason Patrick Shelton
Dushyant Singh
Levi Dean Smith
Roberto Esquivel Teixeira
Kiana Taene Tennyson
Paul Henry Travis
Todd Robert White
Andrew Thomas Wightwick
John Andrew Yeager

Bachelor of Science in Computer Science
Cooperative Plan

Highest Honor
Michael Brian Emard
Stephen Daniel Gredler
James Lester McDuffie

High Honor
Shaheer Abubucker

Honor
Nicholas Roland Schutz
Robert Mitchell Boots
Jeffrey David Crider
Sergio Fernandez
Richard Scott Glazerman
Benjamin Gonzalez
Andrew Henry Kortz
Bachelor of Science in Science, Technology, and Culture

Highest Honor
Misty Lea Harper
Jennifer Mary LaHatte

High Honor
Dawn Renee Pendergast

Honor
Mary Kennon Walker
Chris Adrian Aquino
William Joseph Bergner
Aaron Ann-Yu Lam
Matthias Paul Shapiro

Bachelor of Science in Science, Technology, and Culture
Cooperative Plan

Christopher L. Baucom

Bachelor of Science in International Affairs and Modern Languages

Highest Honor
Annamarie Valentino

High Honor
Pamela Jeannette Packman
Sarah Elizabeth Tourtellott

Austin Scott Karp
Khalidoun Khaled Malas

Bachelor of Science in International Affairs

Highest Honor
Benjamin Carlton Bryan
Jana Marie Scott

High Honor
Julian Randolph Forrester
Molly Jean Maple
Gregory Merritt
Michelle Watkins
Daniel Joseph West

Bachelor of Science in International Affairs Cooperative Plan

Jana Marie Scott

Bachelor of Science in Economics

High Honor
Sean Bradley Carroll
Jill Alana Mahler
Leonardo Salinas Saldana
Kelly Leigh West

Matthew Jeremy Erdman
Colin Garrett Gatewood
Nattawut Guname
Ashston Baker Manley
Merek Brandon Shoob

College of Architecture

Bachelor of Science

Highest Honor
Juan Camilo Archila
Jared Heath Bussey
Ian Robinson Carlton
James Henderson
Fullton III
Robert Arthur Maddox II
Daniel T. Yao

High Honor
Cameron Travis Bird
Gary Mitchell Blackwell II
Suzanne Leigh Camp
Dara Douraghi
Allison Lee Gander
Kimberly Lynn Hardy
Anna Michelle Loomis
Erin Keely Tucker

Honor
Joni Elizabeth Butler
Spencer Eric Dekhayser
Dana Marlo Habebe
Christina Minh Luu
Megan Brianna Nelson
Autumn Marie Phillips
Thomas Johnathan Rice
Jason Alan Schnock
Tiffany Rishan Tesfamichael
Stefanie Lynn Wiedenbeck
Alexis Shields Wilcox

Neal Harish Bijlani
Jonathan Jarrett Boor
Erik Lloyd Brown
Jeffrey Michael Cochran
Cynthia Lorraine Combee
John Ed Conley
Jonathan Alan Crowley
Narissa Ilene Culiner
Jason Bernard Diamond
Bethany Susan Freeman
Lisa Michelle Fyan
Robert Michael Hart
Benjamin William Hudgins
Daniel Kahan
Daniel Chul Kim
Brian Phillip Kime
Ross Andrew Kirby
Leslie Michelle Lyons
Anne Rutherford
McLachlan
Duc Minh Pham
Tiffany Gayle Pridgen
Estrella Velazquez Santiago

Benjamin Michael Schiff
Jenelle Joi Smith
Ashley Brooke Reynolds
Tate
Catalina Victoria

Bachelor of Science in Building Construction

Highest Honor
Jonathan Lamar Bridges
Amanda Lauren Ellington
Doyle Robert Foskey
Stephen Michael Holutia-Hallick III
Ward Marshall Stetson

High Honor
Heath Cooper Lawrence
Anna Michelle Loomis
Samuel Brian Riesenber
Ryan Lee Shanteau
Michael Phillip Shepherd

Honor
Robert James Louckes
John I. Loyd

Tracy L. Douglas
Westley Jacques Harbin
Nan-Wei Heilian
Jennifer Leigh Henderson
Davis S. Magabo
Lachlan Joel Patterson

Bachelor of Science in Industrial Design

Highest Honor
James C. Canavan
L’Anda Cheryl Flowers
Jessica Lichen Frank
Jessica Leigh Hurst
Kathryn Mary Hutson
John Bradley Mangold
Bang-Sil Sharon Noh
Angela Luisa Santana

High Honor
Bryson Daniel Beavers
Mindy Janell Blankenstein
Danielle Rene Gingras
Andrew Troy Lofstrand
Catherine Elisabeth Miller
Melissa Micheal Nason
Ronnie Manalo Ruiz
Anita Lori Vichare

Honor
Travis Dell Hardy
Amanda Jane Hunter
Kristel Lee Pomper
Bradley Dean Almy
Derenda Faith Kimbrough Andrews
Brian Christopher Bock
Leslie Carter
James D. Conley Jr.
Meredith Ann Goodwin
Joshua Randall Jarvis
Benjamin Howard Johnson
Robert Ira Kennedy
Chengkou Robert Kue
Hyun Ha Lee
Alexis Regan Lyons
Christine Cooper Murray
Lesli Marie Porter
Kevin R. Reim
Rebecca Clare Scheel
Yolande Alecia Thame

Bachelor of Science in Industrial Design Cooperative Plan

High Honor
Vicki Haberman

DuPree
College of Management

Bachelor of Science in Management

Highest Honor
Caroline Haywood Adams
Henry Brent Collier
Michael Shingo Funaki
Lauren Hilary Jaynes
Tracey Marie King
Sarah Eileen Lamb
Amanda Sue Landrum
Amanda Renee Lang
Kris Keeling Mikkelsen
Jennifer Renee Roberts
Meredith Graham Robinson
Julie Christina Whitmire
Kelly Rae Williams

High Honor
Joseph Reed Bullock
Katherine Leigh Burkett
Francis Allan Coye II
Steven Harris Huling
Tam’ra Peta-Gaye Osborne
Lydia Wright Peavey
Stephanie Emily Steele
Joseph McClure Stegall
Stafford A. Ward
Brandi Cheri Wyche

Honor
Shannon Meredith Clark
Michael Lee Cleghorn
Joseph Brian DiMiceli
Stephan Constantine
Economos
Carrie Elizabeth Fariss
Jean Marie Flexer
Natasha Sonal Joglekar
Joshua Alan Kelley
Kevin Clayton Macfarlane
Erin Paige Mason
Anna L. McFarland
John Matthew McKillop
Hannah Allen Moon
McSwain
Myngtria Maria Miller
Yasmin S. Musani
Roopa Narasimham
Christine Dianne Romano
Darrell Alan Russell
Zahra Sohani
Melissa Ann Wallet
Jess Steven Ward

Gregory Trotter Adamson
Utkarsh Xavier Ahuja
Derenda Faith Kimbrough
Andrews
Caryn Darcy Ayers
Eric Lance Bailey
Parker Lane Bailey
Amy Elizabeth Ball
Blake William Bashore
Lucy Anne Bennett
Steven Andrew Black
Steven Richard Bollinger
Pierre-Etienne Bourg
Brent Matthew Braham
Joshua R. Bray
Cody Bond Broome
Joseph Russell Brown
Joseph Mariano Buffo
Melanie Elizabeth Carter
Rommel DeShawn
Chatman
Rick Po Jui Chen
Adam Grady Cranford
Brian M. Danos
LeCretia Lynette Davis
Barton Douglas DeHaven Jr.
Tiffany Anne Delgado
Sean Patrick Donahue
Rosemarie Megan Duane
Jenna Ruth DuBois
Charles Daniel Dyson
Robert Turner Easley II
Christopher Michael Faircloth
Ayesha Jabeen Farooqui
Jamie Page Frost
Jennifer Lynn Funk
Tyrus Harrison Gailey
Richard Garcia-Carroll
Sean Thomas Gilligan
Raymond Anthony
Giuliani III
Kasey Laine Granade
Jeff Alan Gravitt
Laura Lin Grubka
Patrick John Harpring
Melissa Diane Harris
James Michael Hedrick
Brooklyn Marie Hester
Kathleen Ann Hill
Tiffany Brooke Hobbs
R. Craig Hoover III
Michael Allen Iconis
David Montgomery
Jackson III
Peter Bradshaw Jones
Sarah Ann Jump
Grace Youkyung Kim
Sunny Leun Kim
Tim I. Lan
Kevin Lee
Seung Min Lee
Jon Scott Levy
William M. Lockwood
Veronica Maria Lomnicka
Jeffrey Lee Mayo
Andrew Patrick McLain
Letitia Yvette Meade
Daniel Frank Milam
Michelle Josefine Miler
David Muyu
Ariel Frank Nahmias
Michael Adel Nawar
Winston Warner Neal
Michael Frederick Neuburger
Hai Thanh Nguyen
Alison Maureen O’Brien
Martin Thomas O’Leary
Shawn Steven O’Leary
Sara Nicole Pardue
Kinjal Prabodh Patel
Trevia Jamelle Peeks
Brittany Anne Pelle
Jefferson Kendrick Allen Pierce
Jason LeVar Postell
Cody George Price
Sarah Denise Prince
Christina Dawn Reece
Bradley K. Rigby
Chadwick Anthony Romano
Elizabeth Drake Saunders
James Darroch Schulz
Reena Prafull Shah
Rupal Suryakant Shah
Christopher Brandon Shaw
Nathanael Burns Shockley
Jorge A. Suarez
Michael Wesley Swift
Jesse A. Tarrpin
Thomas Donald Thurston III
Stephen Vincent Townsend
Risa Jennifer Tubman
Matthew James Uremovich
Tessy Anne Varghese
Scott Robert Vasey
Tamara Leana Vega
Anthony Taylor Ward
Joshua Caleb Ware
Matthew Kirk Weibring
William Michael Wilkinson Jr.

William M. Lockwood
Veronica Maria Lomnicka
Jeffrey Lee Mayo
Andrew Patrick McLain
Letitia Yvette Meade
Daniel Frank Milam
Michelle Josefine Miler
David Muyu
Ariel Frank Nahmias
Michael Adel Nawar
Winston Warner Neal
Michael Frederick Neuburger
Hai Thanh Nguyen
Alison Maureen O’Brien
Martin Thomas O’Leary
Shawn Steven O’Leary
Sara Nicole Pardue
Kinjal Prabodh Patel
Trevia Jamelle Peeks
Brittany Anne Pelle
Jefferson Kendrick Allen Pierce
Jason LeVar Postell
Cody George Price
Sarah Denise Prince
Christina Dawn Reece
Bradley K. Rigby
Chadwick Anthony Romano
Elizabeth Drake Saunders
James Darroch Schulz
Reena Prafull Shah
Rupal Suryakant Shah
Christopher Brandon Shaw
Nathanael Burns Shockley
Jorge A. Suarez
Michael Wesley Swift
Jesse A. Tarrpin
Thomas Donald Thurston III
Stephen Vincent Townsend
Risa Jennifer Tubman
Matthew James Uremovich
Tessy Anne Varghese
Scott Robert Vasey
Tamara Leana Vega
Anthony Taylor Ward
Joshua Caleb Ware
Matthew Kirk Weibring
William Michael Wilkinson Jr.
College of Management
Continued

Bachelor of Science
in Management
Cooperative Plan

Highest Honor
Taylor Henslee Disosway
Colin Bryant Dugas

High Honor
James Oliver Burgess
Todd Andrew Pearson
Heather Allison Reichert

Honor
Tracy Lynn Carter
Abby Kristian Kiefaber
Colleen Elaine Nee
Patrick Davis O'Dowd

James Blakely Floyd
Krystal Lyn Griffin
Lisa Linnell Mena
Jonathan Richard Morrisey
Allyson Chandler Moyer
Milton Parr Rooks III
Shonda Renee Wilbourn

Bachelor of Science
in Applied Biology
Cooperative Plan

Highest Honor
Ashley Louise Hilliard
John Allen Piede
Sanjeev Neel Vaishnavi

High Honor
Vaihav Maurya
Jessica Elizabeth Pritchard
Seyed A. Safavynia
Mariani Josefi
Vandromme

Honor
Christopher Ryan Baker
Lindsay Elizabeth Bryant
Phebe Bibb Clawson
Elizabeth Renee Gibson
Monica Diane Mead
Stephanie Renee Noles
Joy Laryn Parrott
Kimberly Michelle Rathbun
Chengyi Jenny Shu
Ayo Roli Afejuku
Amy Elizabeth Bailey
Serena Bhima
Jennifer Leigh Birchmore
Joshua Joseph Boutwell
Louis Emmanuel Bryan II
Christina Alexis Castlejohn
Patrice Nicole Chambliss
Steve Teh Chiang
Christine Nicole Coyner
Charlene Denise Davenport
Matthew Ryan Haack
Gregory Trey Haunson
Michelle Celeste Joubert
Marissa Nicole Lucret
Lida Kern Murray
Rebecca Carol Nelson
Aileen Irais Passariello
Lisa Marie Pitsko
Ryan N. Quinlan
Harry Lee Richardson IV
Mary Keica Rigsby
Christopher Matthew Sinotte

Bachelor of Science
in Applied Psychology

Highest Honor
June Cai
Tara Austin Fogle
Alison Greer Presmanes
Kristie L. Watson

Honor
Meredith Hallie McElhanon
Barry S. Arnsen
Marie Adrienne Chesnut
Brian Leslie Daniels
Heather Rene Hasty
Catherine Nura Jamal
April Sherell Labossiere
Jeffrey Thomas Lindsay
Nicholas Olander
Emily Ann Rudd
Karen Michelle Rushing
Nseabasi Enobong Ufot
Lacey Dawn West

Bachelor of Science
in Applied Mathematics

Highest Honor
Matthew Steven Fisher
Robert Scott Fletcher
Anup Rao

High Honor
Bradley James Wogsland

Honor
Lauren Rose Hanson
Malika Renee Hines

College of Sciences

Bachelor of Science in Discrete Mathematics

Highest Honor
Patricia Cecilia Pichardo
Hernandez

TackSoo Im

Bachelor of Science in Earth and Atmospheric Sciences

Honor
Liza McDaniel Johnson
Khara Carisse Lombardi

Bachelor of Science in Applied Psychology

Honor
June Cai
Tara Austin Fogle
Alison Greer Presmanes
Kristie L. Watson

Honor
Meredith Hallie McElhanon
Barry S. Arnsen
Marie Adrienne Chesnut
Brian Leslie Daniels
Heather Rene Hasty
Catherine Nura Jamal
April Sherell Labossiere
Jeffrey Thomas Lindsay
Nicholas Olander
Emily Ann Rudd
Karen Michelle Rushing
Nseabasi Enobong Ufot
Lacey Dawn West

Bachelor of Science in Applied Mathematics

Highest Honor
Matthew Steven Fisher
Robert Scott Fletcher
Anup Rao

High Honor
Bradley James Wogsland

Honor
Lauren Rose Hanson
Malika Renee Hines
Gregory Koess
Elizabeth Ann Satterfield
Brendan Leo Sullivan

Bachelor of Science in
Applied Mathematics
Cooperative Plan
Keith Michael Crunk

Bachelor of Science
in Applied Physics
David Neil Groff

Bachelor of Science
in Physics

Highest Honor
Jacob Lyle Bean
Robert Scott Fletcher
Bryan Anthony Harden
Jeffrey Lawson Jones
Errol Josef Summerlin

High Honor
Anne Elizabeth Murdaugh
Bradley James Wogslan

Honor
Kenneth Wentworth
Cavagnolo
Lisa Michelle Giuffre
Christina J. McGough

James Mitchell Allmond
James Adam Bradshaw
Ron S. Schneider

Bachelor of Science
in Chemistry

Highest Honor
Joshua Michael Gilmore
Sandra Rochelle Kaye
Amy Elizabeth Vinson

High Honor
Laura Dukes
Gloria Hong Ling Jung
William Harrison
Kimbrough
Philip Stephen Matthews Jr.

Honor
Sarah Anne Mueller
Michael Stuart Biglow
Amanda Marie Bishop
Matthew Lee Farmer
Tina Lynn Holden
Laurel Elizabeth Lawson
Vu Anh Nguyen
Aletia Helen Pantazis
Tiffany Kit-Ting Tam
Elisa May-Ron White

Bachelor of Science in
Chemistry
Cooperative Plan
Lori Brianne Cook

College of
Engineering

Bachelor of Science
in Materials Science
and Engineering

Highest Honor
Jeffrey Michael Pristera

High Honor
Christina Ann Freyman

Honor
Andrew Isaac Gapin
Jennifer Lynn Haney
Brian Floyd Lohman
Nathan Trepal

Bachelor of Science
in Materials Science
and Engineering
Cooperative Plan
Garrett Hamilton Jones

Bachelor of Science in
Computer Engineering

Highest Honor
Bradford Dane Brabham
Bryce Landon Gantt

High Honor
David Thomas Erie

Dwi Sianto Mansjur
Andrew E. Maule
Michael Huy Nguyen
Akash Jayant Patel
Ginger S. Perng
Sasank Reddy

High Honor
Kenneth Allen Delson
P. Daniel Helm
John Benjamin Mcлерoy

Honor
Robert C. Assimiti
Stuart Joseph Rench
Spencer Clayton Reynolds
Scott Alan Romine

Mubin Ansari
Jeegar Mahesh Bakhai
Joshua Alan Berry
Kwabena Asare Bosompem
Antony Brand
Arica Anne Carter
Michael Wei-Te Cheng
James Matthew Denaro
Prashant Anil Doshi
Matthew John Grabowski
Lauren Ashta Keegan
Mark Alan Kiefert
Roger Chin Lee
Jonathan Lamar Martin
Matthew J. McNeil
Mesfin Hiluf Negash
Uyo Pamela Okebie
Mark Thomas Palmer
Isaac Alexander
Pendergrass Jr.
Randy Lee Rice
Gregory Caesar Smothers II
Carey Sonsino
Deepa Vijayakumar
David Waldman
Torrey Antwain Williams

Bachelor of Science in
Computer Engineering
Cooperative Plan
William Harrison
Bradford Dane Brabham
Bryce Landon Gantt

High Honor
David Thomas Erie

Richard Ceballos
Honor
Michael Ervin Scott
James Angelo Errico
Adrian Guillen
Matthew E. LeRay
Nathaniel G. Owen
Daniel J. Schafer
Sachin Yogesh Shah
Jose Antonio Traywick

Bachelor of Science in Computer Engineering
Regional Engineering Program
Melvin Bynes Jr.
Jonathan Page Siplon

Bachelor of Science in Nuclear and Radiological Engineering
Marion Issac Starns V

Bachelor of Science in Nuclear and Radiological Engineering
Cooperative Plan
Gregory Phillip Kessler

Bachelor of Science in Industrial Engineering
Honor
Michael W. Baumgartner Jr.
Alexandre Byron-Exarcos
Brian William Doyle
Dae Kook Han
Kevin Yen-Chong Hsu
Nathan Lee McCade
Ashley Marlena Ogletree
Christopher Cobb Pearson
Jason B. Polk
Muizz P. Sohani
Teofil N. Hafeitz Abadi
Jerry Vinson Arrington Jr.
Scott Winter Atha
George Matthew Barnes
Davey Young Bartley
Brian Christopher Bennett
Elizabeth Susan Borchers
Scott Andrew Browne
Sean Christopher Browning
Mathew David Butler
Ian Wallace Carr
Jason Michael Carter
Alexander Hsiao-yang Chen
Jeffrey M. Cobb
Brian Leslie Daniels
Arthur Landon Davies IV
Taryn Danielle Davis
Michelle L. Dennard
Andrew Douglas Devries
Danielle Allowee Faulk
Carrie Marie Foster
Vinayak Ravi Gaikwad
Nicole Marie Garcia
Shellie Virginia Gasaway
Scott Allen Gaucher
Karen Cecilia Malaga Gil
Anna Sophia Cutter
Goddard
Michael Edward Haddad
Norman Hassall
Paul James Hogg
Andrew Charles Hudgins
Meetal Ramesh Jani
Janea S. Jordon
Nisha A. Joseph
Jessica Marie Judd
Eric Wesley Lee
Sylvester Jerome Lee II
Caitlin Ann Lucia
Erica Demetra Matthews
R. Dee Mauldin
Kia Emuye McNeal
Bibaswat Lubu Mishra
Margaret Jeanne Mulford
Steven Michael Neuroth
Yuko Noma-Williams
Chinenye Obioma Oparah
John Curtis Osmundsen Jr.
O. Zeynep Ozcan
Melissa Parawira
DeVardis Parker
Richard George Pinder
Holland Lee Post
Jonathan Mark Prince
Carrie Marie Richardson
Stephen Leo Russell
Steve Michael Rybos
Teja Dattaram Sarkar
Val Saravia
Shawn David Schroedel
Kieu Sen
Mansha Seth
Maged Sobhy Shehata
Sarah Ann Shope
Javier Octavio Silvera
Gregory James Slate
Elizabeth Christine Smith
Scott Kenneth Smith
Clinton Wayne Southern
Lee Benjamin Swann
Jason Paul Szelest
Kimberly Michelle Thompson
Brad Jeffrey Thurmond
Sasha M. Trilla
Whitney Beth Waldron
Bridget Michelle Walker  
Yaa Ruth Walker  
Robert Brinton Wheeler  
Joshua Evans Whetzel  
Dean Yogev  
Tae-Hee Yook  
Sejal Kirti Zaveri  
Christiana Lyn Zhookoff  

Bachelor of Science in  
Industrial Engineering  
Cooperative Plan  

Highest Honor  
Shelly G. Kunkle  
Nathan Quinn Martin  
Christopher Robert Prevost  
Christina Marie Stevens  
James Christopher Whitehead  

High Honor  
Brian Michael Addington  
Yolanda La’Keish Alexander  
Karen Anne Farnell  
Anna Libers  
Heather Dawn Macleod  
Charles T. Martin III  
Christina Leigh Starner  
Kelly Ann Trimble  

Honor  
Jana Christine Cullen  
George David Hajjar  
Cornelia Lanell Herlong  
William Edward Lawder  
Jason Patrick McGuire  
Philip Daniel Tatum  
Jeremy L. Brown  
Jonathan Aaron Cole  
Roberto Espinosa  
Melissa T. Hsu  
Joseph Fletcher Matthews  
David Paul Riley  
Mario Enrique Rivera  
David M. Speidel  

Bachelor of Science in  
Aerospace Engineering  
Cooperative Plan  

Highest Honor  
Sibo Chou  
Olivier Aikpa Deigni  
Jared Blake Wikler  

High Honor  
Eduardo D. Fuchs  
Warren James Lee  
Scott Edward Moy  
Christopher Michael Racynski  
Clyde Stephen Watson Jr.  

Bachelor of Science in  
Chemical Engineering  

Highest Honor  
Zubair Anwar  
Brett Cameron Carter  
Christopher Lee Cummings  
Ramon Andres Farach  
John Mark Goodman  
Edward Morris Green  
Lopa Joshi  
Victor Armanda Kusuma  
Virginia Ann Lam  
Justin Lee Landis  
Matthew Nevin Rhyner  
Jessica DiSarro Ryan  
Jennifer Lynn Schwerman  
John Daniel Whitl  
Benn Charles Wilson  
Scott Andrew Zawko  

High Honor  
Howard Evan Abramowitz  
Wendy Denise Anderson  
Pranav B. Chudgar  
Dacia Elizabeth Foster  
Geetha Neela Murthy  
Vikram Mohan Rao  
Christina Barry Sanders  
Mark Andrew Supan  

Honor  
Jeffrey Andrew Freeman  
Henry Samuel Longmire  
Donald Henry  
McCullough III  
Rebekah Ann Meehan  
John Charles Mitchell III  
Christopher Shane Paitsell  
Donna-Michelle Janine Richards  
William Eric Voelkel  
Anthony Richard Williams  
Kristi Marie Baker  
Nidhi Batra  
Casie Abigail Britton  
Jaunitsha D. Brown  
Paul Brian Carroll
Bachelor of Science in Polymer and Textile Chemistry
Erin Elizabeth Combes

Bachelor of Science in Textile Enterprise Management
High Honor
James Bryan Hanson

Bachelor of Science in Textile and Fiber Engineering
Honor
Jennifer April Boyd
Marilyn Lillith Minus
Margo B. McKee

Bachelor of Science in Civil Engineering
Highest Honor
Karyn Marie Coates
Natalie Lynn Hodges
Kathleen Michelle Moran
Nathan Ararat Watson
Gayle Singleton Willis
Giana Marie Wong

Bachelor of Science in Civil Engineering Cooperative Plan
Highest Honor
Mary Beth Curry
Natasha Goguts
Jeremy John Lawler
Edward Archibald
McCallum

Bachelor of Science in Civil Engineering Cooperative Plan
High Honor
Melissa Rose-Mary Matassa
John Franklin Sisley IV

Honor
Anne Amanda Bangasser

Bachelor of Science in Civil Engineering Cooperative Plan

Bachelor of Science in Civil Engineering Cooperative Plan

Bachelor of Science in Civil Engineering Cooperative Plan

Bachelor of Science in Civil Engineering Cooperative Plan

Bachelor of Science in Civil Engineering Cooperative Plan

Bachelor of Science in Civil Engineering Cooperative Plan

Bachelor of Science in Civil Engineering Cooperative Plan

Bachelor of Science in Civil Engineering Cooperative Plan

Bachelor of Science in Civil Engineering Cooperative Plan

Bachelor of Science in Civil Engineering Cooperative Plan
Bachelor of Science in Civil Engineering
Regional Engineering Program

Highest Honor
Jeffery Dane Marks
Natalie Anne Urick
Jeremy Alan Goodman
Jeremy Slade Mincey
James Thomas Starling

Bachelor of Science in Electrical Engineering

Highest Honor
Javier Alvarez
Thomas David Backes
Robert Barrett Jr.
William Randolph Broach
Matthew Douglas Bryan
Carlos Alberto Do Mato
Ryan Robert Holman
Sunpyo Hong
Kimberly Anh Huynh
Pamela Rose Jackson
Sung-Hoon Kim
Mark Ashley King
Tsung-Hsuan Charlie Lin
Chung-Tse Mar
Jeremy Thomas Reed
Matthew M. Rehberg
Anish Ashok Shah
Daniel Sunsoo Shinn
Jay Saul Silver
Matthew Alexander Skvoretz
Kung Chih Ven
Jonathan William Weaver
Deryck Su Chu Yeung

High Honor
Melissa C. Dresser
David Brackin Nicol
Mashaun Gerard Rosemond
Luis Guillermo Salas
Brian Anthony Shaw
Jerry Chi-Wang Shum
Harsh Sopory

Honorable Mention
Wade Frank Burch

Tein Hang Cheung
Shaun William Fields
Tao Gu
Adam Hassler
Steven Edward Holton
Shih-Hsuan Hong
Benjamin J. King
Christopher T. Ludwig
Astou Waly Thiongane
Kai-Hsuan Yang
Bharath S. Aiyer
Kolapo Saidi Babatunde
Wayne Charles Blake Jr.
Glenn Gray Burch III
Brian Lewis Burns
Karen Leonor Cano
Kevin Duriel Champion
Chad R. Dunbar
Todd Allan Eddie
Christopher Robinson
Epstein
Ron Fernando Ferrell
Andrew Thomas Foy
David Lee Gann
Reshun Queshea Gethers
Melissa Erin Gravely
Daniel G. Green
Kenneth Grant Grove
Jason Curtis Hales
Terence Louis Haran
Kathy Elise Harrington
David R. Heidig
Scott Michael Henderson
Corey G. Hill
Jason E. Hodkin
Nakeya Lashawn Johnson
Rubayeth Kamal
Ebrima Kujabi
Kenneth H. Lau
Franklin Le
Ho-Seon Lee
Won-Man Lee
Thomas Henry Leslie
Allen Sang-Chih Lin
Curtis Keith Lloyd
Tiffany Lovett
Yanto Lusman
Huy Duc Mai
Kristen Dail May
Alisha Patrice McClintock
Anjum Mehta
Matthew Morgan
David M. Moye
Madia Baw Muya
Tariq Shadeed Najee-ullah
Lashanya Renee Nash
Victor Quang Nguyen-Long
Keith Christopher
Ogboenyi
Oyekunle Kehinde Oyedeji
Di Qian
Nayan S. Rammanan
Arvind Satya Rao
Sekou Lionel Remy
Da'Janel Latia Artece
Robert
Charles Delbert Robison Jr.
Rajinder Singh Sandhu
Shehu Sule Shehu
Christopher G. Shoukry
Zubair Pasha Siddiqui
Steven Anthony Siebert
Jay Wilkins Smith
Christine Althea Success
Jung Woo Suh
David Jason Ta
Nafeez Bin Taher
Kathlika Shoshannah Heidi
Thomas
Sarah Nicole Trbovich
Dane Richard Tyler
Sabrina Vellino
Ted S. Wada
Andre Micheal Weathers Jr.
Carlos Marsell Williams
David A. Winkler
Mareisha Nicolle Winters

Bachelor of Science in Electrical Engineering
Cooperative Plan

Highest Honor
Justin Allen Copeland Jr.
Mehdi Javanmard
Robit Murthy
Thanh Thao Thi Tran

High Honor
Jonathan David Kaplan
Geoffrey Clayton Siemore

Honor
Holly Rachele Harper
Bachelor of Science in Mechanical Engineering

Highest Honor
Ryan Michael Ahearn
Benjamin J. Allison
Brandon Seth Bucklen
Chih-Hao Chang
Vanessa Bianca Chial
Manoj K. Damani
Jerald English Gaines Jr.
Javier Miguel Garcia-Rivera
Joshua Robert Gillespie
Charles Bryon Hargis
Derek Matthew Hofer
Brian Robert Lau
David Edward Moeller
Victor Narkaj
Adrienne Lynnelle Prysock
Matthew Robert Reed
Jamal Omari Wilson

High Honor
Darrell Alexander Bentley
John Roberts Grosshans Jr.
William Scott King
Sang Wook Lee
Steven Joseph Rekuc
Stuart St. Christopher
Scully
Henry Anh Tran
Sebastien Jean Wolff

Honor
Jigneshkumar C. Bhakta
Amy Sara Clayman
Eric Lamar Fitzgerald
Heather Ann Heffner
Jakarat Horakunwetchana
Prayush Lal
Michael William Landis
Kang Joon Lee
Courtney Eileen Stewart
Regina La-Don Tate
Gavin Charles Trinoskey
Brian James Albanese
Corey Brandon Austin
Claudette Chimsa Ayanaba
Jason David Baker
Katherine Rose Balacki
Michael John Bannister
Ramee Therese Barnwell
Christopher Wayne Biggers
Kevin Michael Boutwell
Royce Simpson Browder
Christopher Adam Bunyasaranand
Christopher Brian Carmona
Sheri Vanessa Carree
GeJuan Kamal Cole
Matthew Collins II
Jeffrey Thomas Coon
Michael David Ernst
Michelle Lynn Frank
James Dennis Fulmer
Kennard L. Garrett
Olin Glenn Godwin Jr.
Celina Lael Green
David Leamon Hewitt
Benjamin Owen Hopwood
James Daniel Hubbartt
Brett Andrew Jenner
Jae-Hyung Kim
Alexa Jean Kulczyk
James Donte Lane
Shane Francis Lawlor
Tamela Denise McClam
Matthew Ryan Mercer
Stephen Eugene Mewborn Jr.
Michael Nathan Mitchell
Steven Michael Moy
Patrick Micheal Nardi
Daniel Wirowo Ng
Daniel Stuart Noto
Brian Matthew O'Dell
Demetrio David Olaya
Ajibola Abimbola Oliyide
Tyson Maxwell Parker
Shetul Ishver Patel
Christopher Stephen Peisher
Scott Bradley Polinkas
Victor Damion Renteria
Chad Elliot Rosser
Douglas Allen Sherline
Rufus William Short Jr.
Stewart Mason Skiles
William Marcus Smith
Shelby J. Stewart
Creed Taylor
Jennifer Melissa Williams
Jordan Adam Yoss
Master's Degree Recipients

Master of Science

Vaidyanathan Anantharaman
Electrical and Computer Engineering

Pranav Anbalagan
Electrical and Computer Engineering

Nadege Chrystel Arheit
Management

Amer Bashir
Electrical and Computer Engineering

Shaista Begum
Environmental Engineering

Thorben Benesch
Environmental Engineering

Michelle Silvagni Bergin
Environmental Engineering

Barbara Michelle Swindell Berryman
Architecture

Jishnu Bhattacharjee
Electrical and Computer Engineering

Soumendu Bhattacharya
Electrical and Computer Engineering

Jeremie Jules Bon
Management

Robert James Bondi
Electrical and Computer Engineering

Suzanne Jean Boyden
Architecture

John William Allen Brinkley
Environmental Engineering

Nathan Adam Bushyager
Electrical and Computer Engineering

Bryan George Oliver Carter
Electrical and Computer Engineering

R. Clint Chedester
Mechanical Engineering

Woong-Sik Choi
Aerospace Engineering

Tracy Lynn Clymer
Civil Engineering

David Barnet Copeland
Mechanical Engineering

Valerio Curti
Architecture

Antonio Moreno Daniel
Electrical and Computer Engineering

Benjamin Mark Dempsey
Mechanical Engineering

Hai Ding
Electrical and Computer Engineering

John Christopher Donovan
Economics

Michael Anthony Dubois
Architecture

Majid Fozunbal
Electrical and Computer Engineering

Theresa Teh-Lan Fu
Environmental Engineering

Vincent Gilardi
Management

Yuou Guan
Architecture

Achintya Halder
Electrical and Computer Engineering

Al-Khalique Shariff Hamilton
Mechanical Engineering

Cynthia H. Hartley
Economics

Arthur William Hinson
Electrical and Computer Engineering

Changsoo Hong
Electrical and Computer Engineering

Sung-eok Jeon
Electrical and Computer Engineering

Yongho Ji
Civil Engineering

Mingxuan Jiang
Electrical and Computer Engineering

Yoonju Jung
Civil Engineering

David Stuart Kaplan
Electrical and Computer Engineering
Jing Zhang
Earth and Atmospheric Sciences

Master of Science in Quantitative and Computational Finance
Jose Enrique Figueroa-Lopez
Yi Luo
Alexander Panoutsakos
Vladimir L. Rodionov
Zhiqiang Zhao

Master of Science in Human-Computer Interaction
Karen R.T. Carroll
Jason Aaron Civjan
Edward J. Hess
Madeline Wills Padgett
Jason Brady Stenger
Justin D. Whittle
Erica Elaine Wingo

Master of Science in Bioengineering
Kathryn Rhea Collier
Sarah Melissa Cutler
Jeffrey Paul Halladay
Nicholas Raymond Lewis
Jamie Elizabeth Severin
Melissa Marie Stein

Master of Science in Polymers
Zhaoyang Ou
Lulu Song

Master of Science in Statistics
Grover Jake LaPorte Jr.
Ilya Alekseyevich Lavrik
Thrandur Sigurjon Olafsson
Michael David Swinson

Master of Science in Computer Science
Huachuan Cao
Jaeil Choi
Joshua Channing Gargus
Meng Guo
Qi He
Naureen Hooda
Yongjun Huang
James Irizarry
Mandar Uday Jog
Eunjung Kang
Joanne Patricia Koratich
Philsoo Lee
Yu Li
Yisrael Yonatan Lowenstein
Hasnain A. Mandviwala
Corinne Elizabeth McNeely
Smita Ojha
Olugbenga Adeoye
Omoteso
Shravan Kumar Samindla
Rahim H. Shariff
Matthew David Wolenetz
Hao Wu
Jefferson Wu
Hua Yang

Master of Science in International Affairs
Alexioas Michelle Butler
Leslie Kathrine Fogle
Robert Grundy
Cynthia H. Hartley
Niantao Jiang
Margaret Anne Lawson
Andrea Margaret Littman
Austin Grant Long

Master of Science in Information Design and Technology
Cassie Louise Avery
Erik William Conrad
Alex M. Cook III
Jessica Kristian Cunard-Hunter
David Edward Durovy
Joel Anthony Gooch
Frances Murray Hamilton

Yi-Cheng Hsu
Aditya Johri
Sin-Hwa Kang
Chamaimas Karnasuta
Joel Patrick McGinnis
Neveen Samir Moghazy
Patrick Todd Quattlebaum
Sue Catherin Rinker
Deborah Elaine Roseman
Molly Melissa Stevens
Lawana Sadasna
Robert Lynch Todd
Junko Tsumuji
Therese Denise Turman
Eli Levi Wendkos

Master of Science in History of Technology
Hyungsub Choi
David L. Ezell
Joshua Alan Traub

Master of Science in Public Policy
Daisy Zenobia Abdur-Rahman
Olin Thomas Childress III
Alberto Di Minin
Sonia Edith Gutkin
Robert James Hendry
Olga Kemenova
James Michael Martinez
Miltresa Carlene McMichael
Carolyn Arden Ryan Wiest
Charima Catherine Young

Master of Science in Building Construction and Facility Management
Jonathon Alvin Barge
Larry Joe Dove II
Leonard John Erickson Jr.
Brad Oliva
Carla Cecilia Reyes-Martin
Ryan A. Studzinski
James Kenneth Walsh
Master of Architecture

Sergio Gustavo Sarmiento Becerra
Steven Rae Brown
Brian D'Metri Campbell
Daniel Carrera
Mark Christian Dederick
Brandon Todd Francom
Muja Fuentes
Joseph Eric Garris
Venuss Mignon Gervin
Christopher Douglas Henshaw
Kenan James Hillard
Theodore James Hitch
Rhonda Michelle Johnson
Richard Todd Johnston
Byung-Ho Kang
Yi Lo
Ryan Russell McKibben
Eunha Park
Wanly Parra
Glendali Rodriguez
Christian Edward Rogers
Stephen Alexander Trimble
Richard Brian Whitfield

Master of City Planning

Joanna Nordlund Arthur
Danielle Anne Bower
Ellen Olounfe-Pratt Byrdsell
William James Dunkley
Steven Michael Foran
Kristine Jennifer Hansen
Edward Paul Hicks
Trupti Kalbag
Kyethea Eyvonne Kirk
Quentin Z. Krue
Alyssa Stewart Lee
Jonathan S. Lewis
Stephanie Marguerite Macari
Bret Conrad Marchant
Dahshe Kinte Marshall
Sharon Lee Marshall
Nichole A. Morris
Clare Lillian Nolan
Richard Thomas Pfeiffer
David Fletcher Schilling
Benjamin W. Sussman
Wei Wang
Elizabeth Megan Will
Tameka Nicole Wimberly

Master of Science in Management

Pushpendra Agrawal
Marina Vasilievna Alexseenko
Efe Arkayin
Thomas Harold Atkinson
Matthew R. Baumgarth
Kristen O'Neal Bernheim
Scott Alexander Billington
Ronald D. Borthwick Jr.
Amy Christine Sebastian Brinson
Allison Joyce Brown
Wilbert Burtice Carter III
Roxanne Cecelia Chuck
Burak Cickevser
Joseph William Cooke
Matthew Everett Cozad
Christine Marie Curnow
Michael Robert Doherty
Sunanda Dutta
Jordan McElwee Eison
Michael L. Ely
Robert Allen Ferris Jr.
Kimberly Ann Fitzgerald
Stephen Hughes Ford
Lesley Camille Foster
Shawn David Fulton
Hugh Terrell Garner III
Allison Christine Glenn
Steven William Goeke
Michael Anthony Griffiths
Courtney Regina Harkness
Thomas A. Hays
Brett Alexander Hinman
Scott Michael Houston
Mytrinh T. Huynh
Lydia Eno Idem
David Tipper Jannetta
Sunil Joshi
Joseph Samuel Kidd
David Lee
Sook Lee
David Matthew Lentz
Roderick Emanuel Lewis
Tou Theu Lo
Stephen P. Makris
Robert John McAleer
James M. McGrath Jr.
Joel Richard Murovitz
John Edward Murphy
Daniel Taylor Nirenberg
Alexander Anthony Odio
Barbara Despaigge Odish
Boris Ortiz
Steven Thomas Papageorge
Kurt Gerard Paquette
Patrick Pierre
Kevin M. Port
Christopher Philip Henry Power
Zhiming Qu
Preethi R. Reddy-Veluri
Jose Alejandro Ruata
Philip Casey Schaefer
Amy Elizabeth Schultz
Paul Daniel Smith
John Myles Stewart
Julie Anne Szabados
Emmett O'Neal Templeton III
Nargiz Ali Umayeva
Teoman Unal
Lorenzo Orozco Valdes
Kathryn Scott Vaughn
Michael Joseph Wiggins
Jing Xu
Maheep Yadav
Antoine Yazbek
Wen Ye
Bing Zeng

Master of Science in Earth and Atmospheric Sciences

Prasoon Kumar Gupta
Yan Huang
Scott Alan Lawrimore
Raymond Derrill Mooreing
Dennis Patrick Robinson
Matthew Thomas Snyder

Master of Science in Psychology

Carl Timothy Blunt
Chao-Chung Lin
Edmundo Alberto Sierra Jr.
Aideen Joyce Stronge
Master of Science in Bioinformatics
Ying Liu

Executive Master of Science in International Logistics
Kirk E. Armstrong
Miyuan Ba
Guy Michael Bar-Ner
Martin Peter Conroy
Christopher Anthony DeSoiza
Christopher Martin Donnelly
Gregory Winslow Easterlin
Denise Fondren
Glen Edward Grant
Charles Patrick Guardiola
Jerome Davis Hamilton Jr.
Steven Aaron Kowalkoski
Douglas Alan Lauer
Lisa Marie Mazzoni
Maria Fernanda Rey
Edward Morris Rogers
Donald William Showell
Robert Glenn Sims
Frank Michael Starost
Michelle Renee Stone
John Marquardt Will
John Charles Wilson
Pratik Pradip Jagad
W. Brad Jones
Slim Kallel
Byounggon Kim
Yuepeng Li
Siddhartha Maheshwary
Idriss Maoui
Samuel Paul Merriweather
Leanne N. Metcalfe
Valerie Elaine Moore
Guillaume Olivier Pitollat
Vijay Lalchand Ranawat
Cindy Jungh Hee Rim
Martha Annette Roper
Rajesh Devidas Sajnani
Satish G. Sawant
Hardik R. Shah
Manu Sharma
Senay Solak
Hongbiao Sun
Sandep Swaminathan
Liem Ik Swanny
Hans Joseph Utz
Ameya Ashok Vartak
Michael Eric Wertz
LiYu Zhu

Master of Science in Physics
Armando Alonso Anaya
Stephen Daniel Burks
Jonathan Ronald Jackson
Holley Deanne McBroom
Andreas Menzel
Ramiro Alfredo Moro
William B. Roper
Alfred Ganson Walters III
Min Zhu

Master of Science in Chemistry
Tamara Chantel Bumpers
Kelly Joy Dennison
Matthew James Gilliland
Micah Gledt
Ta-Tanisha Favor Potylicki
Jayaparakash Srinivasan

Master of Science in Health Physics
Michael Fanning
John Edwin Jankens
Casey Benjamin Moore
Michael T. Sullivan
Jeffrey K. Tays
Hasani Omar Wooten

Master of Science in Health Systems
Nawaz Fariaz Jadavji

Master of Science in Aerospace Engineering
Roland Ramon Barnes
Hsuchih Cheng
Michael Tairon Cofer
Joerg Steffen Dittrich
Sebastien Georges Fontaine
Naveen Gopal
Jin Soo Kim
Jong-Pil Kim
Timothy Salim Kokan
Doh-Hyoung Lee
Ancil Matthew Marshall
Jeffrey Jason Miller
Matteo Modugno
Tudor Ioan Palaghita
Chandeok Park
Luke Jerzy Preisner
Reuben Ray Rohrschneider
Jin Hou Soo
Eric James Staton
Damon Chaz Turner
Aditya Sharad Utrurwar
Yongjun Zhao
Master of Science in Materials Science and Engineering
Sounak Banerji
Benjamin Cortright Church
Glen Stephen Hill
Timmy James Long
Raymond H. Oh
Keith Gregory Rozenburg
Erica H. Tadd
G. Siva Kumar V.
Zelekanjeri

Claudia Salcedo De Rosa
Michael Alain Delemont
Robert Asher Dusenbury
Murat Engindeniz
Timothy Matthew Evans
Robert Nicholas Faulhaber Jr.
Lorraine Dora Funkhouser
William VanHardin Gilbert
Prateek Goel
Daima Tamar Gunning
Amanda Leah Hammontree
Libardo Jose Lopez Jimenez
Quentin Z. Kruel
Seung Oh Lee
Yue Li
James Michael Luther
Jason George McDaniel
Adam Daniel Novak
Martina Novak
Justin Michael Ocel
Phimphun Ovasith
Munir Chandreshbhai
Parikh
Patrick Paul Pecunia
Coffee Yunette Raiford
Timothy Alan Roda
Henri Slezing
Jimmie Snyder Jr.
Kevin Martin Stewart
Carlos M. Terron
Vinay Sunder Uchil
Stephen Carl Whitfield
Jennifer Lynn Williams
Sungsoo Yoon

Master of Science in Chemical Engineering
Anil Dhansukh Amlani
Joseph William Cooke
Arlena Latisha Coulberson
Yalin Hao
Sylvia Bandy Little
Joe-lahai Sormana
Yanyan Tang

Master of Science in Textile and Fiber Engineering
Pallavi Kondapalli

Master of Science in Environmental Engineering
Melissa K. Antoine
Roselina Ariffin
Courtney Lloyd Collins
Jean-Bernard Yves Escoufier
Klaus Herman Holm
Hanlim Lee
Sangil Lee
James Richard Pearson
Kevin Lee Sessions
Kristen Lyn Smeby

Master of Science in Civil Engineering
Jose Alvarellos
John Benjamin Arnette
Salem Ahmed Bamehriz
Brandon Spencer Buchberg
Jason Thomas Carter

Cybele Ciolfolo
Pierre Clappier
Antoine Destombes
Anthony Jerome Dickherber
Abdulkadir Utku Diril
Nuha M. Elmaghrabi
John Edward Elmore
Preston Wayne Faiks
Laurent Francois Fangain
Ethan David Farquhar
Sean Christopher Forney
Alisa Kristin Franklin
Nicolas Hugh Rene Gastaund
Gallagher
Benjamin Gentina
Darrin Leroy Gieger
Antonin Guez
Benjamin John Hamby
Chris Nii Adu Hammond
Jeffrey Gooden Hildreth
James Shiu Kei Ho
Harold A. Hollis
Daniel Joseph Hurley
Kyle Lee Johnson
Ralph H. Johnson III
Phillip John Jones
Ahmed Farzan Kamal
Thomas D. Kenny
Pinar Korkmaz
Neeraj Lal
Nicolas Serge Joseph Lecomte
Xuan-Anh Celestina LeQuan
Wen-Szu Lin
Vincent Claude Marchal
Rebecca June McDonough
Erika Lucretia McGrew
Sebastien Christian Merit
Paul A. Miceli
Christopher Ashley Morgan
Sebastien Nasse
Nicolas Nin
Steven Paul Nugent
Jean-Marc Pascal Offroy
Oluwafemi Olusegun Ogunsola
Paul Erik Pace
Michael K. Parran
Nicolas Philippe
Eric Pichon
Benoit Pochon
Master of Science in Mechanical Engineering

Hans Ulrich Ahrholdt
Ronan Autret
Brent Carlton Bailey
Douglas James Bakkum
Mauricio Ballesteros
Melissa Ann Bargmann
Jonathan Barletta
Julien David Bassett
Kathryn Elaine Baxter
Jean-Baptiste Bergugnat
Charles Kyle Berkowitz
Roman Adrien Blancher
Bruce Edward Brown Jr.
Sebastien Buzit
Matthew Kipp Chamberlain
Matthew Lee Christopher
Kimberley Len Cook
Nathan Lindquist Cook
Adam S. Coutee
Christopher Daniel Cox
Don Stafford Creyts IV
Daniel Kacy Cullen
Gary Mark Darnell
Jarrett Reed Datcher
Brian Edward Davis
Christopher Shawn Davis
Joseph Peter De Kroon
Mary Elizabeth Douglas
Scott Joseph Duncan
Samuel G. Durbin II
Mawuli Dzirasa
Sebastian Karl Ebert
Tarek Naim Elkhattib
Karen Elizabeth Ellzey
Douglas Jeffry Fenneman
Marco Gero Fernandez
Pascal Ferrari
Benjamin Carter Findley
Vincent Jose Eric Fort
Joel David Fortgang
Scott Harlan Froom
Vincent Galea
Jack C. Griffis III
Olivier Cedrick Guerin
Timothy John Guggisberg
Don-Marc Alistair Hall
Rebecca DiAnne Hass
Mikhel Eyotah Hawkins
James Robert Hight Jr.
Mark Horner Holdhusen
Larry Keith Hooks Jr.
Richard Daniel Howe
Joseph Huang
Sundia Kwesi Jangha
Daniel Roberts Karolyi
Susan Elaine Kneuven
Olivier Xavier Langeard
Jason William Lawrence
Theodoros Lamprou
Lazarakis
Maxime Guy Joseph Le Menestrel
Brian Robert Lemon
Angela Sheue-Ping Lin
John Andrew Malluck
Clement Pierre Mardon
Courtney Elizabeth Marrett
Andrew W. McFarland
Casey Michelle McIntosh
Michael Michaux
Douglas Dwight Miller
Matthew Wallace Moorman
Alexandre Moulart
Roberta Michelle Murnyack
Joshua Todd Peabody
Ingo Pfannkuchen
Cynthia M. Phillips
Herve Bernard Pincon
Dawson Adam Plummer
Katherine Lynn Praise
Zachary R. Priest
James William Pyland
Gnyaneshwar Ramakrishna
Erick Eladio Rios

Christopher Valentino Robb
Stephen Matthew Rose
Matthew Aaron Rubin
Nicolas Rumigny
Benay Sager
Katharine Meghan Shilling
Chris Michael Shumway
John Bernard Slanina
Robert Evan Snodgrass
Oscar Rolando Soto-Valdez
Matthew Daniel Summer
Michael Joshua Summer
Michele Lee Szleper
David Allen Tamburello
Gustavo A. Toledo
Oluwatosin Oyewole
Tomori
Laam Angela Tse
Alexander Ivan Valle
Xavier Frederic Vinamata
Wesley Rex Wolf
Meron Wollie
Bassem Raouf Zaki
Debao Zhou
Tracie Lee Zoeller
Doctoral Degree Candidates

Doctor of Philosophy
Bioengineering

Joseph Delore Berglund
Advisor: Dr. Athanassios Sambanis

Donna Michelle Geddes
Thesis: “Selective Vulnerability of Hippocampal vs. Cortical Neurons to Mechanically Induced Increases in Plasma Membrane Permeability”
Advisor: Dr. Robert S. Cargill

Daniel Roberts Karolyi
Thesis: “Hemodynamic Wall Shear Stress in Models of Atherosclerotic Plaques Using Phase Contrast Magnetic Resonance Velocimetry and Computational Fluid Dynamics”
Advisor: Dr. Robert M. Nerem

Jan Philip Stegemann
Advisor: Dr. Robert M. Nerem

Andrew Tsourkas
Advisor: Dr. Gang Bao

Margaret Ann Francel
Thesis: “Fault Localization through Execution Traces”
Advisor: Dr. Jon S. Rugaber

Angus L.M. Thom McLean
Advisor: Dr. Leo Mark

Ronald Anthony Metoyer
Thesis: “Building Behaviors with Examples”
Advisor: Dr. Jessica K. Hodgins

Dong Zhou
Advisor: Dr. Karsten Schwan

Doctor of Philosophy
History of Technology

Richard Snyder Combes
Advisor: Dr. August W Giebelhaus

Samiran Chanchani
Advisor: Dr. Ronald B. Lewcock

Sarah Louise Coffin
Thesis: “The Brownfield Reality Check: A Study of Land Value and the Effects of Brownfields on the Locations of Section 8 Housing”
Advisor: Dr. Nancey G. Leigh

David Latch Craig
Advisor: Dr. Craig M. Zimring
Doctor of Philosophy
Management
Tom Edward Moormann
Thesis: "The Influence of Organizational Identification on Member Responses in the Context of Large-Scale Organizational Change Events"
Advisor: Dr. David M. Herold

Doctor of Philosophy
Applied Biology
Madhuri Ganta
Advisor: Dr. Thomas G. Tornabene

Doctor of Philosophy
Psychology
Walter Bradley Fain
Thesis: "An Investigation of Attention in a Consistently Mapped Auditory Detection Task"
Advisor: Dr. Arthur D. Fisk

Doctor of Philosophy
Physics
Murray Douglas Barrett
Thesis: "A Quest for BEC - An All Optical Alternative"
Advisor: Dr. Michael S. Chapman

Teman H. Cooke
Thesis: "Algebraic Structure of Central Force Problems"
Advisor: Dr. John L. Wood

Richard D. Duncan
Thesis: "A Quantum Phase Transition in d-wave Superconductors and Einstein Condensation"
Advisor: Dr. Carlos Sa'de Melo

Brian Richard Washburn
Thesis: "Dispersion and Nonlinearities Associated with Supercontinuum Generation in Microstructure Fibers"
Advisor: Dr. Stephen E. Ralph

Su Yi
Thesis: "Properties of Trapped Dipolar Condensates"
Advisor: Dr. Li You

Doctor of Philosophy
Chemistry
Andrew P. Bartko
Thesis: "Deciphering Spatially Heterogeneous Polymer Dynamics Using Single Molecule Microscopy"
Advisor: Dr. Robert M. Dickson

Ryan Stephen Burnett
Thesis: "Characterization of Conserved Residues in the Putative Uridine Binding Domain of E. Coli Pseudouridine 55 Synthase"
Advisor: Dr. Loren D. Williams

Shelley Bruce Howerton
Thesis: "Structural Characterization of B-DNA and its Interactions with Cations and Intercalating Ligands"
Advisor: Dr. Loren D. Williams

Mona B. Mohamed
Advisor: Dr. Mostafa A. El-Sayed

Joe Seaburn Rainey III
Thesis: "Synthesis of Fullerenes and Metallic Fullerenes by the Utilization of an Argon Radio Frequency Inductively Coupled Plasma"
Advisor: Dr. Richard F. Browner

Anna Cristina Sibal Samia
Thesis: "Design and Control of the Superparamagnetic Properties of Cobalt-Based Spinel Ferrite Nanoparticles"
Advisor: Dr. John Z. Zhang
Tricia Dawn Shepherd  
Advisor: Dr. Rigoberto Hernandez

Marcus Thomas Vogt  
Thesis: “Polymerization Dynamics in Nonequilibrium Environments”  
Advisor: Dr. Rigoberto Hernandez

Doctor of Philosophy  
Materials Science and Engineering

Katherine M. Krajewski  
Thesis: “Corrosion Behavior of Ag-Pd Dental Casting Alloys in Artificial Saliva”  
Advisor: Dr. Miroslav I. Marek

Doctor of Philosophy  
Textile Engineering

Tao Liu  
Advisor: Dr. Robert J. Samuels

Runqing Ou  
Advisor: Dr. Robert J. Samuels

Doctor of Philosophy  
Industrial Engineering

Ellen Jane Bass  
Advisor: Dr. Alexander C. Kirlik

Jeffrey David Day  
Thesis: “Management of Railroad Impedances for Shortest Path-Based Routing”  
Advisor: Dr. Joel S. Sokol

Silke Krockel  
Thesis: “Stochastic Production-Inventory Systems with Significant Set-up Times”  
Advisor: Dr. Mark L. Spearman

Bernard Yenice-Ay  
Thesis: “Green Supply Chain Modeling for Multinational Companies”  
Advisor: Dr. Jane C. Ammons

Doctor of Philosophy  
Aerospace Engineering

Andrew Paul Baker  
Advisor: Dr. Daniel P. Schrage

Chih Fang  
Thesis: “A Reduced-Order Meshless Energy (ROME) Model for the Elastodynamics of Mistuned, Bladed Disks”  
Advisor: Dr. Oliver G. McGee

Assaad Ben Mohamed Krichene  
Advisor: Dr. J.V.R. Prasad

Scott Edward Munro  
Advisor: Dr. Krishan K. Ahuja

Gang Wang  
Thesis: “Study of a Low-Dispersion Finite Volume Scheme in Rotorcraft Noise Prediction”  
Advisor: Dr. Timothy C. Lieuwen

Wenbin Yu  
Advisor: Dr. Dewey H. Hodges
Doctor of Philosophy
Chemical Engineering

Agnes M. Padovani Blanco
Thesis: "Low Dielectric Constant Porous Spin-on Glass for Microelectronic Applications"
Advisor: Dr. Paul A. Kohl

Girish Nilkanth Deshpande
Thesis: "Effect of Polysiloxane Side Groups on Chemistry and Kinetics of Degradation and Evolution of Pores in the Resultant Polymer"
Advisor: Dr. A.S. Abhiraman

Sea Hoon Park
Thesis: "Investigating the Stability of Sodium Couple in the Ionic Liquid Electrolytes and Cathode Materials"
Advisor: Dr. Paul A. Kohl

Doctor of Philosophy
Environmental Engineering

James Walter Boylan
Thesis: "Integrated Modeling of Air Pollution Dynamics in the Southern Appalachian Mountains"
Advisor: Dr. Armistead G. Russell

Ahmet Karagunduz
Thesis: "Influence of Surfactants on the Sorption and Transport of Contaminants in Saturated and Unsaturated Soils"
Advisor: Dr. Kurt D. Pennell

Doctor of Philosophy
Civil Engineering

Gena Lester Abraham
Advisor: Dr. Paul S. Chinowsky

Eunsoo Choi
Thesis: "Seismic Analysis and Retrofit of Mid-America Bridges"
Advisor: Dr. Reginald DesRoches

Maria Silvia Guimaraes
Thesis: "Crushed Stone Fines and Ion Removal from Clay Slurries – Fundamental Studies"
Advisor: Dr. Juan C. Santamarina

Mustafa Hakan Kilic
Thesis: "Three-Dimensional Micromechanical Models for the Nonlinear Analysis of Pultruded Composite Structures"
Advisor: Dr. Rami M. Haj-ali

Karl Frederic Meyer
Thesis: "Transfer and Development Length of 0.6-Inch Diameter Strand in High-Strength Lightweight Concrete Prestressed Girders"
Advisor: Dr. Lawrence F. Kahn

Marcelo Gurgel Simas de Oliveira
Thesis: "An Integrated Methodology for the Evaluation of the Safety Impacts of In-Vehicle Driver Warning Technologies"
Advisor: Dr. John D. Leonard

Feifei Pan
Thesis: "Spatial and Temporal Structures of Soil Moisture Fields"
Advisor: Dr. Christa D. Peters-Lidard

Deidre Eileen Paris
Thesis: "A Residential Satisfaction Decision Support System for Affordable Housing"
Advisor: Dr. Roozbeh Kangari

Tulio A. Sulbaran
Thesis: "Impact of Distributed Virtual Reality on Engineering Knowledge Retention and Student Engagement"
Advisor: Dr. Nelson C. Baker

David James White
Thesis: "Development of a Methodology for Identifying Effective Countermeasures in Regional Safety Management Programs Using a Bayesian Safety Assessment Framework (B-SAF)"
Advisor: Dr. Simon P. Washington
Chien-Tai Yang  
Advisor: Dr. James D. Frost

Wenzhong Gao  
Advisor: Dr. A.P. Meliopoulos

Doctor of Philosophy  
Electrical and Computer Engineering

David A. Barlow  
Advisor: Dr. Henry W.L. Owen

Isara Indra  
Thesis: “Very Low Bit Rate Video Coding Using Adaptive Nonuniform Sampling and Matching Pursuits”  
Advisor: Dr. Russell M. Mersereau

Lawrence Alan Carastro  
Advisor: Dr. Martin A. Brooke

Amos Yancy Johnson Jr.  
Advisor: Dr. Aaron Bobick

Wonchalerm Chalodhorn  
Thesis: “Use of Microwave Lenses in Phase Retrieval Microwave Holography of Reflector Antennas”  
Advisor: Dr. David R. Deboer

Sungyong Jung  
Advisor: Dr. Martin A. Brooke

Sasikumar P. Cherubal  
Thesis: “Fault Isolation and Diagnosis Techniques for Mixed-Signal Circuits”  
Advisor: Dr. Abhijit Chatterjee

Seung-Ho Lee  
Advisor: Dr. Waymond R. Scott

Sungjun Chun  
Thesis: “Methodologies for Modeling Simultaneous Switching Noise in Multi-Layered Packages and Boards”  
Advisor: Dr. Madhavan Swaminathan

Anh Van Nguyen  
Advisor: Dr. Mary Ann Ingram

David James Coe  
Thesis: “Fabrication Technology Approaches to Micromachined Synthetic Jets”  
Advisor: Dr. Mark G. Allen

Mario F. Simoni  
Thesis: “Synthesis and Analysis of a Physical Model of Biological Rhythmic Movement Control with Sensorimotor Feedback”  
Advisor: Dr. Stephen P. DeWeerth

Subrato Kumar De  
Advisor: Dr. Vijay K. Madisetti

Ramakrishna Voorakaranam  
Thesis: “Signature-Based Testing of Analog and RF Circuits”  
Advisor: Dr. Cecil O. Alford

Eylem Ekici  
Thesis: “Routing and Multicasting in Satellite IP Networks”  
Advisor: Dr. Ian F. Akyildiz
Wenye Wang  
Thesis: "Location Management Techniques for Next-Generation Wireless Systems"  
Advisor: Dr. Ian E Akyildiz

Xiaozheng Zhang  
Thesis: "Automatic Speechreading for Improved Speech Recognition and Speaker Verification"  
Advisor: Dr. Russell M. Mersereau

**Doctor of Philosophy**  
**Nuclear Engineering**

Heather Jean Gepford  
Advisor: Dr. Nolan E. Hertel

Germina Ilas  
Thesis: "A Monte Carlo-Based Diffusion Model for Criticality Analysis and Application of High-Order Cross Section Homogenization Method to Two-Group Nodal Diffusion"  
Advisor: Dr. Farzad Rahnema

Jeremy Ed Sweezy  
Thesis: "Development of a Boron Neutron Capture Enhanced Fast-Neutron Therapy Beam"  
Advisor: Dr. Nolan E. Hertel

**Doctor of Philosophy**  
**Mechanical Engineering**

Brian Scott Conklin  
Thesis: "The Effects of Fluid Shear Stress on Endothelial Cell Barrier Function"  
Advisor: Dr. Raymond R Vito

Dawn Christine Foley  
Thesis: "Short-Horizon Optimal Control of Nonlinear Systems via Discrete State Space Realization"  
Advisor: Dr. Nader Sadegh

Bryan Thomas Marshall  
Thesis: "Force and Bond Lifetime Relationship of the P-selection/PSGL-1 Interaction"  
Advisor: Dr. Cheng Zhu

John Andrew Pape  
Thesis: "Fretting Fatigue Damage Accumulation and Crack Nucleation in High-Strength Steels"  
Advisor: Dr. Richard W Neu

Raye Abdoulie Sosseh  
Thesis: "Finite Element of Torque Modeling and Backstepping Control of a Spherical Motor"  
Advisor: Dr. Kok-Meng Lee

Bojan Vukasinovic  
Thesis: "Vibration-Induced Droplet Atomization"  
Advisor: Dr. Ari Glezer
In September 1994, Dr. G. Wayne Clough became the tenth president of the Georgia Institute of Technology and the first alumnus to serve as president. Dr. Clough received his B.S. and M.S. in civil engineering from Georgia Tech in 1964 and 1965, respectively. He received his Ph.D. in 1969 from the University of California, Berkeley. Dr. Clough has been a member of the faculty at Duke University, Stanford University, Virginia Tech, and the University of Washington. At Virginia Tech, he was head of the Department of Civil Engineering from 1983-1990, then served as dean of the College of Engineering for three years. In 1993, he became the provost and vice president for Academic Affairs at the University of Washington, a position he held until he returned to his alma mater.

Under his leadership as president, Georgia Tech served as the Olympic Village for the 1996 Centennial Olympics and launched its second Capital Campaign, which raised more than $700 million. Research expenditures have increased for seven consecutive years from $212 million to $310 million, a required computer initiative for all students has been implemented, and enrollments have increased from 13,000 to more than 15,000. Seven new academic buildings have been constructed, and another $600 million in additional facilities are under construction. A statewide Georgia Tech Regional Engineering Program has been implemented.

Dr. Clough is the recipient of numerous national awards and honors for teaching and research, including seven from the American Society of Civil Engineers. He is one of only a handful of civil engineers to have been twice awarded civil engineering's oldest recognition, the Norman Medal, first in 1982 and more recently in 1996. Other honors by the American Society of Civil Engineers include the 1991 State of the Art Award and the 1994 Karl Terzaghi Lectureship. He received the George Westinghouse Award from the American Society of Engineering Education in 1986 for outstanding teaching. In 1990, he was elected to the National Academy of Engineering.

President George W. Bush appointed Dr. Clough to the President's Council of Advisors on Science and Technology in 2002, and he chairs the Council's panel on federal research and development. Dr. Clough also serves on the executive committee of the U.S. Council on Competitiveness and chairs the National Academy of Engineering's Engineer of 2020 Committee. Closer to home, he is a trustee of the Georgia Research Alliance and a member of the executive committees of the Metro Atlanta Chamber of Commerce and Central Atlanta Progress. He also serves on the Board of Advisors for Noro-Mosely Partners, the Southeast's largest venture capital fund, and on the Board of Directors of TSYS of Columbus, Georgia. He is a special consultant to the Bay Area Rapid Transit System in San Francisco for ongoing major seismic retrofitting. For six years, Georgia Trend magazine has named Dr. Clough among the 100 Influential People in Georgia.

Dr. Clough's interests include technology and higher education policy, economic development, diversity in higher education, and technology in a global setting. His civil engineering expertise is focused on geotechnical and earthquake engineering. He has consulted with more than seventy firms and government agencies, and has published more than one-hundred twenty papers and reports, and six book chapters.
John H. Marburger III, science advisor to President George W. Bush and director of the Office of Science and Technology Policy, was born on Staten Island, New York, and grew up near Washington D.C. He earned a bachelor's degree in physics from Princeton University in 1962 and a Ph.D. in applied physics from Stanford University in 1967.

Marburger began his academic career at the University of Southern California (USC), where he served as a professor of physics and electrical engineering. He was later named Physics Department chair and dean of the College of Letters, Arts, and Sciences. While at USC, Marburger contributed to the rapidly growing field of nonlinear optics, a subject created by the invention of the laser in 1960. He developed theories for various laser phenomena and was a co-founder of USC's Center for Laser Studies. His teaching activities included "Frontiers of Electronics," a series of educational programs on CBS television.

In 1980, Marburger left USC to become president of the State University of New York at Stony Brook. His presidency at Stony Brook coincided with the opening and growth of University Hospital and the development of the biological sciences as a major strength of the university. During the 1980s, federally sponsored scientific research at Stony Brook grew to exceed that of any other public university in the northeastern United States.

During his presidency, Marburger served on numerous boards and committees. He chaired the governor's commission on the Shoreham Nuclear Power facility and the eighty-campus "Universities Research Association," which operates Fermi National Accelerator Laboratory near Chicago.

In 1994, after fourteen years as president of Stony Brook, Marburger joined the ranks of the university's faculty, teaching and conducting research in optical science as a University Professor. Three years later he became president of Brookhaven Science Associates (BSA), a partnership between the university and Battelle Memorial Institute. BSA competed for and won the contract to operate Brookhaven National Laboratory, where Marburger subsequently served as director prior to his appointment as director of the Office of Science and Technology Policy.

While on leave from Stony Brook, Marburger carried out U.S. Department of Energy mandates to improve management practices at Brookhaven National Laboratory. BSA continued to produce excellent science at the Brookhaven Lab while achieving ISO 14001 certification of the Lab's environmental management system, and winning back the confidence and support of the community.

In addition to his academic and professional career, Marburger has served as a trustee of Princeton University and also chaired the successful 1991-92 Long Island United Way campaign.
Joseph Mayo Pettit Alumni Distinguished Service Award
Donald L. Chapman

Donald L. Chapman, chief executive officer of Tug Investment Corp., is a businessman, entrepreneur, and civic leader. He was named Entrepreneur of the Year by Business Atlanta in 1989, received the Atlanta Chamber of Commerce Phoenix Award in 1992 and 1997, and was the first recipient of the George Griffin Community Service Award in 1993. He has founded, bought, or sold approximately twenty companies since graduating from Tech with an Industrial Management degree in 1961, including Tug Manufacturing, an airline vehicle manufacturer, and Opti-World, an optical superstore chain.

A past president of the Georgia Tech Alumni Association, Chapman is treasurer of the Georgia Tech Foundation, past chairman of the DuPree College of Management Advisory Board, and a member of the board of the Georgia Tech Athletic Association. He chairs the boards of both Junior Achievement of Georgia and The Community Foundation of Greater Atlanta, and serves on the boards of Zoo Atlanta and Metro Business Forum.

Chapman is also actively involved with the Chief Executives Organization and the Atlanta Business Roundtable, and is a founder of Christ Church in Atlanta, a nondenominational, evangelical church.

Chapman is a past chairman of Leadership Atlanta, SciTrek, and the Atlanta Association for Retarded Citizens; past president of the Georgia Society to Prevent Blindness; and past treasurer of the Fox Theatre. As a student at Tech, Chapman was president of both Beta Theta Pi fraternity and Phi Delta Epsilon honor fraternity, business manager of The Rambler humor magazine, and a member of Omicron Delta Kappa, Air Force ROTC, and Scabbard and Blade military honor society.

Chapman and his wife, Beverly, have three children and five grandchildren.
Previous Recipients of the Joseph Mayo Pettit Alumni Distinguished Service Award

The Alumni Distinguished Service Award, the highest honor conferred by the Institute, has been named for the late Dr. Joseph M. Pettit in honor of his accomplishments as president of Georgia Tech from 1972 to 1987.

1934-L.W. “Chip” Robert Jr., 1908
1935-Ferd W. Kaufman, 1894
1936-William H. Glenn Sr., 1891
1937-Robert Tyre Glenn Jr., 1922
1938-Robert Greeg, 1905
1939-Y. Frank Freeman, 1910
1940-William A. Alexander, 1912
1941-Frank H. Neely, 1904
1942-James F. Towers, 1901
1944-William H. Hightower, 1909
1945-Frank M. Spratlin, 1906
1947-Cherry L. Emerson, 1908
1948-Robert B. Wilby, 1908
1949-Fuller E. Callaway Jr., 1926
1950-George W. McCarty, 1908
1951-Robert L. McDougall, 1925
1952-Howard T. Tellepsen, 1934
1953-Wayne J. Holman Jr., 1928
1954-David W. Harris, 1912
1955-George C. Griffin, 1922
1956-Monie A. Ferst, 1911
1957-Hazard E. Reeves, 1928
1958-Ivan Allen Jr., 1933
1959-Walter M. Mitchell, 1923
1960-Robert H. White, 1914
1961-George T. Marchmont, 1907
1962-John P. Baum, 1924
1963-George W. Woodruff, 1917
1964-John J. McDonough, 1923
1965-Julian T. Hightower, 1919
1966-Albert A. Staton, 1922
1966-John C. Staton, 1924
1967-William C. Wardlaw Jr., 1928
1968-Henry W. Grady, 1918
1969-William A. Parker, 1919
1970-Oscar G. Davis, 1922
1971-Jack F. Glenn, 1932
1972-John W. Young, 1952
1973-I.M. Sheffield Jr., 1920
1974-Edward B. Newill, 1915
1975-Ira H. Hardin, 1924
1976-Moris M. Bryan Jr., 1941
1977-Frederick Holloway, 1935
1978-Charles Tillman Oxford, 1930
1979-President Jimmy Carter, 1946
1979-Frederick G. Storey, 1933
1980-Daniel Axford McKeever, 1932
1981-Lawrence L. Gellerstedt Jr., 1945
1982-Paul A. Duke, 1945
1983-Alvin M. Ferst, 1943
1985-A.J. "Jack" Mundy, 1934
1985-Vernon D. Crawford, Honorary 1966
1985-George W. Felker III, 1936
1985-Julian Hoke Harris, 1928
1986-Robert Lee Dodd, Honorary 1957
1986-J. Erskine Love, 1949
1986-I.L. “Sonny” Kunian, 1934
1986-Joseph M. Pettit, (posthumous), Honorary 1975
1986-Florence W. Pettit, Honorary 1984
1987-Richard A. Guthman Sr., 1928
1987-L. Travis Brannon Jr., 1949
1987-Hal L. Smith, 1926
1987-Robert H. Ferst, 1938
1988-Robert Hollis Tharpe, 1934
1988-James P. Poole, 1942
1990-E. Rembert DuBose, 1948
1991-John Joseph “Joe” Westbrook, 1929
1992-Lamar Howard Franklin Sr., 1936
1993-Frank A. Player, 1929
1994-Sidney Goldin, 1930
1995-Randolph Whitfield, 1932, 1934
1996-C.B. Drebbon Jr., 1931
1997-George H. Hightower Sr., 1937
1998-Howard Ector, 1940
1999-James "Frank" Stovall Jr., 1941
2000-John H. Weitnauer Jr., 1949
2001-Cecil J. “Pete” Silas, 1953
2001-Julian LeCraw Sr., 1952
Tony S. Chan (IE '94, MS MGT '98) has dedicated himself to the Georgia Tech community and to the Atlanta community since his days as a Tech freshman.

A planning and evaluation specialist with Hands On Atlanta, Chan left a corporate job to serve the larger community by working with the nonprofit volunteer community service organization. He had served as chair of the advisory board for Hands On Atlanta's Partners In Technology Program.

In his role with Hands On Atlanta, Chan has launched several innovative programs to better track volunteer contributions, is chairman of Technology Service Day, and is leading the development of a more robust national strategy focused on the social return and impact of the nonprofit sector. Before joining Hands On Atlanta, he was manager of global strategic services for Luminant Worldwide, a project manager for marchFIRST, and a senior consultant with Andersen Worldwide and Andersen Consulting, all in Atlanta. On loan from Andersen, he served for six months as the transportation planner for the Olympic Village at Georgia Tech for the Institute and the Atlanta Committee for the 1996 Olympic Games. In December 2001, he was a presenter at Tsinghua University in Beijing, China, on the importance of industrial engineering in Olympic planning for the 2008 Olympic Games in that city.

Founder of TEAM Buzz while at Georgia Tech, Chan continues to advise and support the group, co-chairs the Georgia Tech Young Alumni Network, serves on the Study Abroad Scholarship Selection Committee, and conducts interviews for the President's Scholarship Program. He is also an industry member of the Georgia Tech Executive Round Table.

As an undergraduate, Chan helped found Best Buddies, a volunteer organization working with people with mental retardation, and participated in the Honor Code revitalization. He is a committee member of the CityCares Technology Initiative and was a presenter at the 2002 CityCares National Leadership Conference.

Chan is a participant in the United Way Volunteer Involvement Program, a volunteer and chaperone for Special Olympics, and a volunteer with Trees Atlanta, the Atlanta Community Food Bank, and Habitat for Humanity. He has contributed to Roll Call for twelve consecutive years and to the Georgia Tech Athletic Association for eight consecutive years. A competitive runner, he was a member of the Leukemia Society Team in Training for the 2000 Disney Marathon in Orlando, Florida, and ran in the 2001 Marine Corps Marathon in Washington, D.C. He is a member of St. Thomas the Apostle Catholic Church in Atlanta.
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 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. The gold color of the brass and the white color of the steel wire represent Georgia Tech's colors. The mace also incorporates three silver metallic seals, which are reproductions of the official seal of the state of Georgia, the original seal of Georgia Tech, and the current seal of the Institute.

The mace was fabricated by Mr. Heyward and Arthur Schoenfeld, who are both formerly from the Center for Rehabilitation Technology in the College of Architecture, in conjunction with Atlanta jeweler Robert Nagle.
College of Computing

The College of Computing is a leader in integrating computer science with other disciplines to address problems in communication, education, and health. Through its interdisciplinary charter, the College has forged relationships with nearly every unit at Georgia Tech and several universities around the world. The College also has two centers for interdisciplinary research: The Broadband Telecommunications Center and The Graphics, Visualization, and Usability Center.

Current enrollment includes 1,540 undergraduate students and 352 graduate students.

Prominent alumni of the College include Craig Mundie ('71, '72), senior vice president, Microsoft; Jim Allchin ('83), senior vice president, Microsoft; Jody Dyer ('71), director, Encore; James Folsom ('70, '72), CEO, Placeware; Edith M. Martin ('76, '80), chief financial officer, Eastman Kodak; and Githesh Ramamurthy, ('83), president, CCC Information Services Inc.

Ivan Allen College of Liberal Arts

The Ivan Allen College, created in 1990, represents a unique configuration of academic disciplines, including the humanities and the social sciences, designed to work within the technology emphasis of the Georgia Tech environment. The six schools within the College include Economics; History, Technology, and Society; International Affairs; Literature, Communication, and Culture; Modern Languages; and Public Policy. Current enrollment includes 603 undergraduates and 205 graduate students.

In addition to promoting active research in a wide range of areas, the College also has earned a well-deserved reputation for excellence in teaching. One of the ongoing initiatives that cuts across the College is the increasing application of computers in the classroom. The College has been an innovative leader in information technology.

Many Ivan Allen College graduates have become respected professional and national leaders.

College of Architecture

The School of Architecture became the College of Architecture in 1975. In the fall of 2001, 587 undergraduate and 289 graduate students were enrolled in the various academic programs of the College: architecture, building construction, city and regional planning, doctoral studies, industrial design, and music. Although the College presently offers only a minor in music, in 2000-2001 approximately 950 students per semester from across the campus enrolled in music courses representing all colleges at Georgia Tech.

Some of the College's more prominent alumni include George Heery ('50), former chairman of the board, Heery International Inc., and designer of the Coca-Cola Building; John Portman ('50), John Portman and Associates, designer of Peachtree Center, the Hyatt Regency-Atlanta, the Marriott Marquis, and the Westin Peachtree Plaza; and Thomas W. Ventulett III ('58), senior principal of Thompson, Ventulett, Stainback & Associates, designer of CNN Center, the Georgia Dome, the Georgia Wold Congress Center, the Concourse, and AT&T Promenade in Atlanta, and the McCormick Place complex in Chicago.

Research programs in the College of Architecture include the Center for Assistive Technology and Environmental Access, the Construction Resources Center, the Center for Geographic Information Systems, the IMAGINE Group, the Advanced Wood Products Laboratory, and the Center for Quality Growth and Regional Development.

DuPree College of Management

The DuPree College of Management is dedicated to preparing business leaders for...
changing technological environments. The College was established at Georgia Tech in 1913 and has been accredited by AACSB - International since 1921.

The College has three centers for interdisciplinary research: the DuPree Center for Entrepreneurship, which fosters entrepreneurial activity among Georgia Tech students and faculty and the business community; the Center for International Business Education and Research (CIBER), which serves as a catalyst for integrating and advancing a number of diverse activities relating to international business education and research; and the Center for Enhancement of Business through Technology, which focuses on education and research related to management of technology, e-business, and technology transfer.

Current enrollment in the College includes 1,200 undergraduates and 300 graduate students, including students in the Master of Science in Management, Executive Master of Science in Management of Technology, and Ph.D. in Management programs.

Prominent alumni of the College include: Jack Guynn, president and CEO, Federal Reserve Bank of Atlanta; Charles W. Brady, chairman of Invesco Capital Management; James P. Poole, president of Employer-Employee Security Plans Co.; and Julian LeCraw, president of Julian LeCraw & Company.

**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 Biology, Chemistry and Biochemistry, Earth and Atmospheric Sciences, Mathematics, Physics, and Psychology attract students who have strong interest in science and mathematics and are interested in relating their educational experience to social, governmental, industrial, and postgraduate fields.

Current enrollment includes 848 undergraduate students and 539 graduate students.

Some high-profile graduates of the College are Ashworth Stull ('37), inventor of the “White Glue” that became known as Elmer's Glue; Glen P. Robinson Jr., ('48, '50), founder of Scientific-Atlanta and owner of patents on solar energy and antenna systems and energy; Kary B. Mullis ('66), inventor of polymerase chain reactions and Nobel Prize recipient; Gilbert F. Amelio ('65, '67, '68), former chairman and chief executive officer, Apple Computer; and Nancy “Jan” Davis ('75), astronaut.

**College of Engineering**

The year 1888 marked the opening of the Institute and the establishment of the School of Mechanical Engineering. As of spring 2002, the College of Engineering, now incorporating nine degree-granting schools, had a total enrollment of 8,600.

Outstanding alumni of the College include Robert B. Ormsby ('45), president, Lockheed Corporation-Aeronautical Systems Group; astronauts John Young ('52) and Richard Truly ('59); Ronald Wayne Allen ('64), former chairman and CEO of Delta Air Lines; C.J. “Pete” Silas ('53), former chairman and CEO of Phillips Petroleum Co.; Thomas J. Malone ('63), president and CEO, Milliken and Company; Malcolm T. Stamper ('46), vice chairman of the board, Boeing Company; and former President Jimmy Carter ('46).

The College of Engineering consistently ranks among the top five engineering schools in the country in both the size and quality of its programs, and is nationally recognized for excellence in both undergraduate and graduate education.

**Athletics**

At Tech, academics and athletics truly do mix, and the Institute is rich in both traditions. Georgia Tech competes on the NCAA Division I level within the nine-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 gold medalists Antonio McKay, Derrick Adkins, and Derek Mills, track; Mark Price and John Salley, basketball; and thirteen members of the National Football Foundation’s College Football Hall of Fame.
Tech athletes have been led by legendary coaches such as R.L. “Bobby” Dodd, 1946-66; John W. Heisman, 1903-19; William Alexander, 1920-45; and John “Whack” Hyder, 1952-73.

Intramural sports are available to all students. More than twenty activities, ranging from crew to weight training, are offered.

**Georgia Tech Research Institute**

The Georgia Tech Research Institute (GTRI) is a nonprofit, client-oriented, applied research organization that is an integral part of the Georgia Institute of Technology. It was chartered by the Georgia General Assembly in 1919 and activated in 1934. GTRI plans and conducts focused programs of innovative research, education, and economic development that advance the global competitiveness of Georgia, the region, and the nation. Working closely with academic colleges and interdisciplinary centers in areas of research, education, and service, GTRI plays a vital role in helping Georgia Tech reach its goals. Specific missions include: conducting scientific, engineering, and industrial research; participating in national programs of science, technology, and preparedness; encouraging the development of Georgia’s natural resources; aiding industrial and economic development; and furnishing technical advice and assistance to business and industry.

**Library and Information Center**

The Georgia Tech Library functions as a client-oriented information center focusing on the data and information needs of students, faculty, and staff.

The first Library of Georgia Tech was established in 1899 and consisted of a room in the Administration Building housing fewer than 2,000 volumes. Now the Library contains more than 1 million volumes; a complete collection of U.S. patents; and more than 2 million technical reports, government documents, and industrial standards.

The explosion of scientific and technical information and the advent of computing, networking, and multimedia technologies are the foundation of the evolution of the Library from a building of books to a learning and information center. The Library was the first in the nation to provide local online information retrieval capabilities.

The Georgia Tech Electronic Library offers a variety of databases to students and faculty for research, class assignments, and personal information.

**Academic Degrees**

**The Bachelor’s Degree**

The bachelor’s degree is the oldest academic degree used by institutions of higher education in America. This degree, which represents completion of a four-year course of study at the college level, was first awarded in 1642 to the graduating class of Harvard College.

**The Master’s Degree**

The master’s degree represents the successful completion of one or two years of study beyond the baccalaureate degree. This academic honor, which dates back to the establishment of the oldest universities in Europe, 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. It was first used as an academic title at the University of Bologna in Italy.
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 degree candidates wear the traditional black gown with full, round sleeves, velvet facings on the front, and velvet bars on the sleeves. Hoods are lined with the color of the university granting the degree. Hoods at Georgia Tech are lined in white and gold. The doctoral hood is distinguished by its blue trim, which is the color representing philosophy.

Master's degree candidates also wear the traditional black gown with full-length square sleeves that have a crescent-shaped piece hanging from each sleeve. The master's hoods are also lined in white and gold and are distinguished on the outside by gold trim, the color of science. Recipients of the bachelor's degree at Tech wear a plain black gown and no hood.

Caps used by all Tech graduates are traditional mortarboards, and tassels are white and gold.

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.
Alumni Programs  
Allison Brubaker  
Announcers  
Dr. William Johnson, Dr. Masato Kikuchi, and Dr. Lionel Lemarchand  
Campus Police  
Jack Vickery and Staff  
Commencement reception coordinator  
Leonard Nagel  
Graduate Studies  
Glenna Thomas  
Institute Communications and Public Affairs  
Aimee Anderson and staff  
Music Department  
Ron Mendola, William Caldwell, and Christine Marks  
Plant Operations  
Staging Staff  
Registrar’s Office  
April Boatwright, Ann Laros, Anna Lindberg, Jo McIver, Julie Peterson, Judy Reese, Craig Womack, and Staff  
Sound designer  
Jess McCurry  
Student Affairs (AdAPTS)  
Tameeka Hunter  
Student Ambassadors  

White and gold ribbons on today’s diplomas were hand-tied by disabled employees of the Bobby Dodd Center in Conyers, Georgia. Former Georgia Tech Coach Bobby Dodd was instrumental in securing funding for the vocational rehabilitation training facility that bears his name.