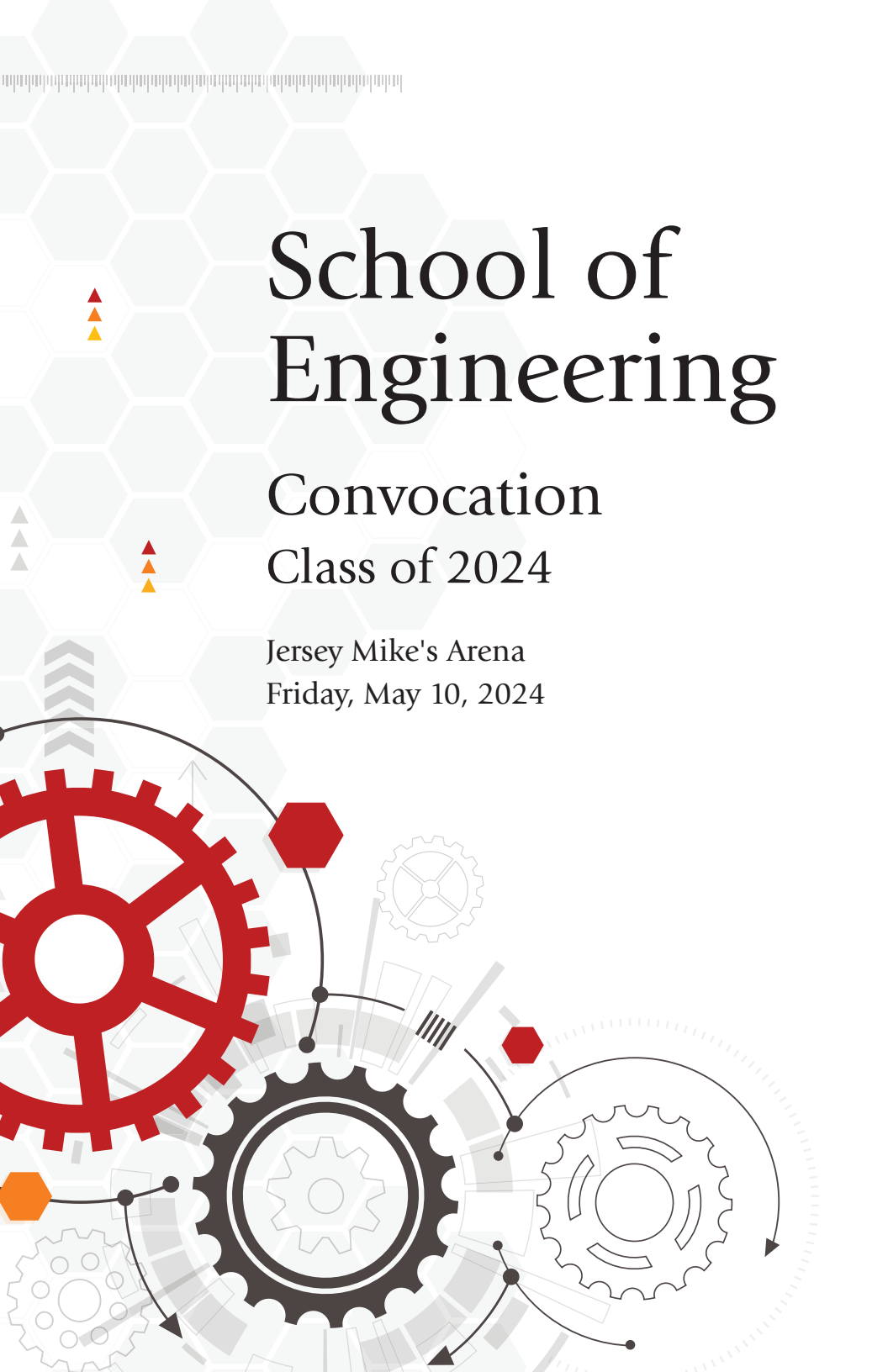


RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY



CONVOCATION

MAY 2024



# School of Engineering

## Convocation Class of 2024

Jersey Mike's Arena  
Friday, May 10, 2024

## **School of Engineering Administration**

Alberto Cuitiño, Ph.D., *Dean*

Kimberly Cook-Chennault, Ph.D., *Associate Dean for Diversity, Equity, and Inclusion*

Hae Chang Gea, Ph.D., *Associate Dean for Graduate and Professional Education*

Susan Kilduff, MPA, *Vice Dean for Administration and Planning*

Ilene Rosen, Ed.D., *Associate Dean for Student Services*

Peng Song, Ph.D., *Associate Dean for Undergraduate Education*

Wade Trappe, Ph.D., *Associate Dean for Academic Programs*

## **Undergraduate Education**

Jean Patrick Antoine, M.Sc., *Assistant Dean for Enrichment Programs, Director of Honors Academy*

Michael Brown, Ed.D., *Assistant Dean for Student Access and Inclusion, Director of Educational Opportunity Fund*

Jesenia Cadena, M.Ed., *Assistant Dean for First-Year Students*

Priscilla E. Calderón, Ed.M., *Assistant Dean for Academic Services*

Robert Ciervo, Ph.D., *Assistant Dean for Transfer Services*

Aiesha Long, Ed.D., *Assistant Dean for Academic Services*

Arron Rodriguez, MBA, *Assistant Dean for Outreach and Engagement*

Candiece White, MBA, *Assistant Dean/Assistant Director for Educational Opportunity Fund*

## **Departments and Programs**

### **Applied Sciences in Engineering**

Peng Song, Ph.D., *Director*

### **Environmental Engineering – joint program with School of Environmental and Biological Sciences**

Donna Fennell, Ph.D., *Chair*

### **Department of Biomedical Engineering**

Charles Roth, Ph.D., *Chair*

### **Department of Chemical and Biochemical Engineering**

Helen Buettner, Ph.D., *Chair*

### **Department of Civil and Environmental Engineering**

Nenad Gucunski, Ph.D., *Chair*

### **Department of Electrical and Computer Engineering**

Yingying Chen, Ph.D., *Chair*

### **Department of Industrial and Systems Engineering**

Mohsen Jafari, Ph.D., *Chair*

### **Department of Materials Science and Engineering**

Lisa Klein, Ph.D., *Chair*

### **Department of Mechanical and Aerospace Engineering**

Assimina A. Pelegri, Ph.D., *Chair*

## **Order of Exercises**

### **PROCESSIONAL**

#### **PRESIDING OFFICER**

Alberto Cuitiño, Ph.D.

*Dean*

Rutgers School of Engineering

#### **MUSICAL SELECTIONS**

Rutgers Glee Club

#### **WELCOMING REMARKS**

Alberto Cuitiño, Ph.D.

#### **LAND ACKNOWLEDGEMENT**

Jean Patrick Antoine, M.Sc.

*Assistant Dean, Enrichment Programs*

#### **INTRODUCTION OF STUDENT SPEAKERS**

Ilene Rosen, Ed.D.

*Associate Dean, Student Services*

#### **STUDENT WELCOME**

Katie Lynch ENG'24

*President, Engineering Governing Council*

#### **KEYNOTE ADDRESS**

Randal Pinkett, Ph.D. ENG'94

*Co-founder, Chairman, and CEO*

BCT Partners

#### **STUDENT SPEAKER**

Sidhanth Shakelly ENG'24

#### **RUTGERS ENGINEERING ALUMNI**

Parth Oza ENG'12

#### **2024 PRESENTATION OF DIPLOMAS**

Department Chairpersons and Undergraduate Directors

### **RECESSIONAL**

*All graduates are requested to remain seated until  
the turning of the tassels and the recessional.*

## Keynote Speaker

Alumnus **Randal Pinkett** is a noted entrepreneur, innovator, speaker, author, media personality, and DEI expert. He is the co-founder, chairman and CEO of BCT Partners, a global research, training, consulting, technology, and data analytics firm that Inc. 5000 has recognized as one of the nation's fastest-growing private companies, and by Forbes as a "Best Management Consulting Firm." BCT has been named a Top 10 firm for diversity and inclusion by Manage HR magazine and is one of Black Enterprise's BE100s list of the nation's largest Black-owned businesses.



As a contributor to MSNBC, CNN, and Fox Business News, Pinkett's expertise encompasses areas such as emerging technologies, big data analytics, social innovation, culture, and DEI. An international public speaker, he has authored or co-authored several books, including *Black Faces in High Places* and *Data-Driven DEI*.

He earned his bachelor's degree in electrical engineering from Rutgers, where he was the captain of the men's track and field team and is an inductee into the Academic All-America Hall of Fame. He was the first African American Rutgers graduate to receive a Rhodes Scholarship to the University of Oxford, where he earned a Master of Science degree in computer science. He subsequently earned a second master's degree in electrical engineering, an MBA, and a doctoral degree from MIT. He was also a winner of NBC's show "The Apprentice."

Pinkett lives with his family in Somerset, New Jersey, where he strives to give back to the community.

## Student Speakers

**Katie Lynch**, a citizen of the Potawatomi Nation, is graduating from the School of Engineering with a bachelor's degree in biomedical engineering. On campus, she served as engineering student body president, president of RU Indigenous Turtle Island, and international vice president of Circle K International. She was an undergraduate research assistant in the Department of Cell Biology and Neuroscience, a diversity peer educator in the Division of Student Affairs, and a member of the Reilly Douglass Engineering Living-Learning Community. Ms. Lynch is also a 2023 Truman Scholarship nominee for Rutgers University and the winner of the 2024 Jewel Cobb Plummer STEAM Trailblazer Award. She is a passionate health justice advocate and was a White House intern and a TEDx speaker. After graduation, she will be pursuing a doctoral degree in health infrastructures and learning systems at the University of Michigan Medical School while continuing her advocacy work for Indigenous communities around the country.



**Sidhanth Shakelly** is from Hightstown, NJ and is graduating with a bachelor's degree in biomedical engineering. During his time on campus he was involved in several student organizations including Engineering Governing Council, RU e-NABLE, Residence Life, and intramural sports. He held internships at Johnson & Johnson and Curia Global and conducted research in the Department of Biomedical Engineering under Dr. Martin Yarmush. He also volunteers as an EMT in his hometown. After graduation, he will continue at Rutgers, pursuing a master's degree in biomedical engineering.



# Candidates for the Degree of Bachelor of Science

## RUTGERS UNIVERSITY SCHOOL OF ENGINEERING

### *Curriculum in Aerospace Engineering*

Aaron Mazzeo, Ph.D., Undergraduate Director

MARIAM ABDEEN <sup>1</sup>	CALLISTO MORGAN <sup>2,6</sup>
SONA AJITH KUMAR SHABINAM <sup>3</sup>	CARLOS MOSCOSO <sup>2</sup>
YUSUF ALI	SAGNIK MUKHERJEE <sup>1</sup>
FRANCISCO ALMACHI-VERA <sup>4</sup>	PRONNOY NANDY
ARMANDO ALVARADO <sup>4</sup>	RUSSELL NICHOLLS
KEVIN ANDRADE	KEITH O'DONNELL
DANIEL BAINBRIDGE <sup>3</sup>	CAMILLE PADUGANAO
STEVEN BERCHER	JOSEPH PALETHU <sup>1,6</sup>
PATRICK BOLAND	SUJAY PATEL <sup>2</sup>
MATEUSZ BORYSZEWSKI <sup>1</sup>	ROBERT PRUSSACK
DIEGO CARRION CASTRO	HANDELL QUIROS <sup>4</sup>
JASON CHAUDHRY	HARRISON RAUH <sup>1</sup>
COLTON COOPER <sup>1</sup>	GARY REDDEN
KHYATHI DADI	JACK RYAN <sup>1</sup>
ANDREA SOPHIA DAVID <sup>2</sup>	THOMAS SALEEB <sup>3</sup>
BRANTLY DESHARNAIS <sup>1</sup>	DAVID SAMOLKIN <sup>1</sup>
LIAM ELHADAD	NINA SCIARRA <sup>2</sup>
JASON ESPINOZA ZAMBRANO <sup>1</sup>	DOLLAR SHAH <sup>3</sup>
BENJAMIN FAULSEIT <sup>1,6</sup>	FARAZ SHAH
DAHMIER GUNTER	VEDANT SHENOY <sup>3</sup>
EDGAR HERNANDEZ	PRATEEK SINGH <sup>3,4</sup>
KELLY HUGHES <sup>2</sup>	DIANA SIWIK
SUKHDEEP JASWAL	SHREYA SRIKANTH <sup>2,6</sup>
TIMOTHY KEVORKOV	JAKE STOCKI <sup>1</sup>
CHIRAG KHURANA <sup>1</sup>	HAMILTON SUJET
ANDREW KIM <sup>1</sup>	ALEXA SULLIVAN <sup>1</sup>
JONATHAN KOFMAN	VISHWARAM SUNTHARESAN
SAID KOUBANE	TRIGUN TELLAKULACHANDRASHEKAR <sup>2</sup>
MITHUN KRISHNAN <sup>1,6</sup>	SARAH TERRACINA <sup>1</sup>
JONATHAN LABEROV	GABRIEL TERTULIANO
JEREMY LAI	PABLO THOMAS <sup>2</sup>
NICODEMUS LEAVER <sup>3</sup>	MELISSA THOMPSON
ALEX LEE <sup>2,6,8</sup>	YUNUS TOZLU
WILLIAM LU <sup>1,7</sup>	TAYLOR VINCENT
WAHEDUL MAHEDI <sup>2</sup>	PAOLO VIRTUDAZO
JIANXIANG MAO	RYAN WALTON
CAMERON MATULEWSKI	EMILY WEROSTA <sup>2</sup>
NOAH MCALLISTER <sup>1,6</sup>	ADRIAN WILEY
DARSH MEHTA	

### *Curriculum in Applied Sciences in Engineering, Packaging Engineering*

Hao Lin, Ph.D., Undergraduate Director

RYAN BARRETO <sup>3</sup>	BENJAMIN CIMILUCA <sup>1</sup>
KYLIE BOEN <sup>2,4</sup>	NICCOLO COLUCCI
ARIANE BUJAKOVIC <sup>4</sup>	PABLO CUEVA VERA
KATELYNN CHAVEZ <sup>2,4</sup>	ALVARO FLORES <sup>3,4</sup>
MICHELLE CHENG <sup>1</sup>	ALVARO GARCIA <sup>2</sup>

MARIELA GARCIA MUNGUIA <sup>4</sup>  
JOAN KIM  
YECHAN KIM <sup>3</sup>  
LAUREN KOKOSKIE <sup>1</sup>  
RAIEL MAGUIRANG <sup>3</sup>  
SARAH MAH <sup>1</sup>  
ALEXANDRA MEDLEY <sup>2, 4</sup>

HAMZAH MEHMOOD <sup>2</sup>  
JACK O'KEEFE <sup>1, 7</sup>  
MEET PATEL <sup>1</sup>  
EMILY PHU <sup>1</sup>  
ERIC RICKERSHAUSER <sup>2</sup>  
BETHANY STANTON <sup>1</sup>  
JOYCE VILLAMAR <sup>2, 4</sup>

### *Curriculum in Applied Sciences in Engineering*

FAITH ALLEYNE  
NATHANIEL ASEFA  
MUHAMMAD AWAN <sup>1</sup>  
STEVEN CATANDO <sup>4</sup>  
DEBABRATA CHOWDHURY <sup>4</sup>  
ANDREW CONIN  
GRACE EKPE  
FATHIMA FAIZAL  
AQIL FAROOQUI <sup>2</sup>  
CHRISTOPHER FRIAS <sup>4</sup>  
CARLOS GUZMAN

XINDI HE <sup>2</sup>  
SHUBON HUSAN <sup>4</sup>  
HAMZA KHAN  
SAMUEL KIM  
WENYU LU  
ANDREW LYNCH  
ANGIE MACHADO-COSTALES <sup>4</sup>  
BRENDAN MCCANN  
BILAL MOHAMED <sup>4</sup>  
TAHIRIH ROHOMAN

### *Curriculum in Biomedical Engineering*

Kristen Labazzo, Ph.D., *Undergraduate Director*

JONATHAN ABADIR  
MAYA ABDELAZIZ <sup>2</sup>  
FATIMA AKHTAR  
ALTIN ALAJBEGU <sup>2</sup>  
SONALI AMIN <sup>1</sup>  
LOTANNA DAVID CHIJIJOKE ANENE  
MEGHNA ANGARA <sup>1</sup>  
ARAVIND ARYASOMAYAJULA <sup>1</sup>  
HADEEL BAKER <sup>2</sup>  
KEERTHANA BALAJI <sup>2</sup>  
SHANNON BERTIN <sup>3</sup>  
EUGENE BOAKYE <sup>4</sup>  
KAL-EL BONILLA  
NICOLE BRUNO  
ALEXANDRA BUKOWSKA <sup>3</sup>  
ISABELLA CABARCOS <sup>2, 8</sup>  
SOFIA CARAYANNOPOULOS <sup>1</sup>  
TYLER CHAN  
ALAKH CHAUHAN <sup>2, 8</sup>  
JESSICA CIFELLI  
ELAINA CONKLIN <sup>4</sup>  
WILLIAM CONSTANTINE  
JOANN CUBILLAS <sup>4</sup>  
ALEXANDRA DABROWSKI  
JACOB DAVIS <sup>1</sup>  
LUCY DRUMGOOL <sup>1, 7</sup>  
MOHAMED ELSHERBINY <sup>2</sup>  
SOPHIA ESPINOSA  
MICHAEL FARRELL

AARUSHI FERNANDEZ  
ANDREAS FRANGISKOU  
AADYA GADKARI  
DHRUV GHONIYA  
JONATHAN GIGLIA <sup>2</sup>  
MELANIE GONZALEZ <sup>4</sup>  
DAARSH HORADIA <sup>1</sup>  
BRENDAN GOULD  
MATTHEW GREENEN <sup>1, 6, 8</sup>  
REYNA HOLLAND  
VANESSA JAGRUP <sup>2</sup>  
DIMPLE JAIN  
EUNSEO JUN <sup>1</sup>  
SHRAVYA KAMARAJU  
SAATHVIKA KAUSHIK <sup>2</sup>  
KYRA KAYAL <sup>2</sup>  
ABHAYJIT KHANGURA  
THOMAS KING <sup>3</sup>  
ARI KOLB  
SAKSHI KOUL <sup>1, 6, 8</sup>  
TANIYA KUMAR <sup>2</sup>  
SHRIYA KURUBA <sup>2</sup>  
KEVIN LAM <sup>2</sup>  
YESSENIA LEON  
ADAM LEVERANT <sup>1, 7</sup>  
KATHRYN LYNCH <sup>2</sup>  
LIAM MANNING  
APOSTOLOS MAROULIS <sup>2, 6</sup>  
CHRISTIAN MATTY <sup>3</sup>



TANAY MEHTA  
ALEXANDRA MONTI<sup>3</sup>  
AREN MORTENSEN<sup>3</sup>  
YAJAIRA ORELLANA<sup>3</sup>  
SRISHTI PAL<sup>3</sup>  
KAREENA PATANGYA<sup>2</sup>  
MONIT PATEL<sup>3</sup>  
PRAKSHA PATEL<sup>2</sup>  
PRIYANSH PATEL<sup>1</sup>  
ANUSHKA PATIL  
ANVITA PATWARI<sup>1</sup>  
JAVIER PEREZ  
ERIN POMPONIO<sup>3</sup>  
FAIZALI RAHIM<sup>2, 8</sup>  
VIGHNESH RAJA<sup>1</sup>  
HAMZAH RASHEED  
SANCHITA RAY  
KELLY SANANGO  
ELYAS SANZAR  
GABRIELLE SCALER<sup>2</sup>  
SIDHANTH SHAKELLY<sup>3</sup>  
VIREN SHARMA

SAMUEL SHREM<sup>1</sup>  
GHASSAN SLIM<sup>3</sup>  
SANGAVI SRIRANGANATHAN<sup>1, 7</sup>  
MICHAEL STANAWAY<sup>3</sup>  
KENDRA STEPHENS<sup>2</sup>  
ALEXANDER SUPONYA<sup>1, 6, 8</sup>  
ERIK SWANSON<sup>3</sup>  
JASON SZOJA  
ERIC TAM  
KATHERINE TOSCANO<sup>2</sup>  
NICOLAS ULLOA<sup>4</sup>  
JASON VELIKY<sup>3</sup>  
RICHARD VUONG<sup>1</sup>  
RAMA WAGH<sup>3</sup>  
JONATHAN WANG<sup>3</sup>  
DYLAN WAYNOR<sup>2, 6</sup>  
KYLE WERTHER  
KABIR ZAMA<sup>1</sup>  
KAMILA ZARIPOVA<sup>3</sup>  
BRIDGET ZHANG<sup>1, 8</sup>  
SAMUEL ZHANG<sup>1, 6</sup>  
MARGARET ZHUANG

### ***Curriculum in Chemical Engineering***

Nina Shapley, Ph.D., *Undergraduate Director*

CHRISTINE ABDI  
ALEXANDER ALFARO<sup>2</sup>  
MEQDAD ALQALLAF<sup>2</sup>  
FRANCESCO AMATO<sup>2</sup>  
ANAS ANI<sup>1</sup>  
CECELIA AVALOS<sup>3</sup>  
HAMIDU BARRIE<sup>2</sup>  
IBRAHIM BASAR<sup>2</sup>  
AVNI BHAVSAR<sup>1, 8</sup>  
RYAN BODAJLO  
JUSTIN BUCHEL  
LAURA CACERES  
JULIA CALDARO  
HYUNWOO CHO<sup>2</sup>  
SEONG WOO CHO  
JOSIANE COSTA LIMA<sup>1</sup>  
KIMBERLY CRUZ<sup>4</sup>  
THOMAS DAMELIO  
ISHANI DAVE<sup>1</sup>  
SHESH DAVE  
ALESSANDRO DEPAOLA<sup>3</sup>  
JONATHAN ESPOSITO<sup>1</sup>  
SEBASTIEN FAJARITO  
ETHAN FIGUEROA<sup>4</sup>  
JAKUB FUSIARZ  
MARIA GALKIN<sup>1, 8</sup>  
MIGUEL GASPAR<sup>4</sup>

ERICA GJINI<sup>1, 8</sup>  
BRIAN GRODZKI<sup>2</sup>  
JEEYOUNG HAN<sup>1, 6</sup>  
STEPHEN HEGEDUS<sup>2</sup>  
MATTHEW HILL<sup>1</sup>  
ALEXANDRA HOBBS<sup>1, 7</sup>  
SRISPOORTHI IYER  
JENIL KANABAR  
DIMITRIOS KASTANOS<sup>3</sup>  
GARRETT KEATING  
DONOVAN KERNS<sup>1, 8</sup>  
MAHMOUD KHATIB  
AINSWORTH KIFFIN  
ESTHER KIM  
GREGORY KOLL  
NICHOLAS KONDAKJIAN<sup>3</sup>  
YSABELLA LEIVA  
JUSTIN LI<sup>2</sup>  
CARLOS LOZANO<sup>4</sup>  
KELLY LY<sup>1</sup>  
RICHARD MUNIZ<sup>2</sup>  
GIBSON NGUYEN<sup>2</sup>  
RIYA NIGAM<sup>2</sup>  
NEHAL PATEL  
PAYAL PATEL  
RUDRA PATEL<sup>1</sup>  
JENNIFER PEREZ-SANCHEZ

EMILY GRACE PINLAC <sup>1</sup>  
ANTONINO PRINCIPATO <sup>1</sup>  
CHARANYADEVI RAMASAMY <sup>1</sup>  
DANIEL RASER <sup>1, 8</sup>  
FARAH RIYASAT  
MENATUALLAH SAAD  
KIMRAN SANDHU <sup>2</sup>  
YIWEI SHAO <sup>2</sup>  
KRISHNA SHARMA <sup>1</sup>

SAMIYAH SIDDIQUI <sup>2</sup>  
DONOVAN SMITH  
GIUSEPPE SPERA <sup>1</sup>  
RONY URIBE  
DYLAN WILDE <sup>1</sup>  
SAMUEL XIAO <sup>1</sup>  
ASHLEY YAP <sup>3</sup>  
ASHLEY YAU <sup>1</sup>  
EDWARD YIN

### *Curriculum in Civil Engineering*

Husam Najm, Ph.D., *Undergraduate Director*

ANEESH ACHARYA <sup>2</sup>  
AAKHIB AHSANUDDIN  
SAMMY ALSHAMEH  
ZAID AMIR <sup>3</sup>  
BILAL AWAN  
STEVEN BARBA  
CHRISTIAN BERMEO <sup>4</sup>  
MICHAEL BERRY  
EDWIN BREW <sup>1, 6</sup>  
MAXWELL BRUSHABER <sup>1</sup>  
ANDREW CASTILLO <sup>1</sup>  
JUSTIN CAYLO  
KRISTA CHEMPIEL <sup>1</sup>  
ANDY CORDERO <sup>4</sup>  
SAMUEL DEFALCO <sup>2</sup>  
GEORGE ELIAS  
LILY FOSBURGH <sup>1</sup>  
JAKE GANDARA <sup>2</sup>  
BRENNAN GAVITO <sup>2</sup>  
ZACKARY GIDDA <sup>4</sup>  
MARIATERESA GONZALEZ MORALES  
JACK GREENBERG <sup>1</sup>  
MAXWELL HAUGHT <sup>1</sup>  
THOMAS HAYES <sup>1</sup>  
COLE HEINZ  
CALEB JOSUA HERNANDEZ <sup>3</sup>  
ERICK HERNANDEZ BEDOYA <sup>1</sup>  
ANDREW HOEFELE <sup>1, 7</sup>  
CHRISTOPHER HWANG  
MARIAM INSANALLY <sup>1</sup>  
MELANIE ITURRIA-RAMOS  
JOSEPH JOHNSON  
PRITAL JOSHI <sup>3</sup>  
ANEESH KAKIRDE <sup>1, 8</sup>  
ANTHONY KALOGRIDIS <sup>2</sup>  
MATTHEW KELLY <sup>1, 7</sup>  
AMIR KHAN  
MATTHEW LEBOEUF  
JING LI  
DOMINIQUE LIANTONIO <sup>2</sup>

KEVIN LUNA  
JOAO MACHADO <sup>1</sup>  
NICOLE MALLARI <sup>2</sup>  
JOSHUA MARTIN <sup>1</sup>  
CATHERINE MCDONNELL <sup>1</sup>  
RYAN MCGOVERN <sup>3</sup>  
KATELYN MCLAREN <sup>2</sup>  
EMILY MELISE <sup>3</sup>  
GEORGES MICERA  
RALPH MOLINARI <sup>1</sup>  
GUSTAVO MOROCHO  
GRACE MORRIS <sup>2</sup>  
DIEGO NARANJO SUAREZ <sup>3</sup>  
MITCHELL NELSON <sup>1</sup>  
PHUONG NGUYEN <sup>1, 6</sup>  
JOHN O'KEEFE  
OSWALD OLMEDO  
AGUSTIN OSSES-FALCO <sup>2</sup>  
AKASH PATEL  
SHIVAM PATEL <sup>3</sup>  
KRITHIKA PATRACHARI <sup>2</sup>  
LINDSEY PAUTZ  
ALEXANDRA PELTYSZYN <sup>1</sup>  
SABRINA PEREZ <sup>2, 4</sup>  
NAYAB RABBITWALA <sup>1</sup>  
AABIR RASHID <sup>2</sup>  
MARCELO REMOND MIYOSHI <sup>1</sup>  
PILAR ROJAS <sup>2, 4</sup>  
PIAFF SAMEDI  
URIEL SANCHEZ-PEREZ <sup>1, 4</sup>  
EDWIN SANDOVAL <sup>2, 6</sup>  
FERNANDO SANTOS ROSARIO <sup>1</sup>  
SAMUEL SCARCELLI  
KAI SCHRAVEN  
CHRISTOPHER SCHWOERER <sup>4</sup>  
MICHAEL SEBASTIAN  
JEANFRANCO SERNA <sup>4</sup>  
SUNCHITA SHANKAR <sup>1</sup>  
MICHAEL SUYAMA  
HARSHIL THAKER <sup>2</sup>

YUYANG WANG <sup>2</sup>  
NICHOLAS WILLIS <sup>3</sup>  
DENIEL YI

NICHOLAS YUHAS  
JACK ZACCARO

### *Curriculum in Electrical and Computer Engineering*

Sasan Haghani, Ph.D., *Undergraduate Director*

RAHAF ABDALLAH	JOHN CORCORAN
SAHMI ABUBAKAR <sup>1</sup>	ZIYOU CUI <sup>3</sup>
JEFF ACEVEDO <sup>2, 4</sup>	ANTHONY D'AGOSTINO
MIGUEL ACEVEDO <sup>3</sup>	CLYDE DELACRUZ
VAHID AFSARI	ARIANNA DEMAIO <sup>3</sup>
NIKHIL AGARWAL <sup>1</sup>	VARSINI DHINAKARAN <sup>1</sup>
MULUGETA AKALU <sup>3</sup>	NELUSHA DIAS <sup>1, 7</sup>
MOHNISH AKULA	KHUSH DIORA <sup>3</sup>
GEORGIY ALEKSANYAN <sup>4</sup>	MAANVITA DODDAPANENI <sup>2</sup>
BRENNAN ALVIAR	ARYAN DOSHI <sup>1</sup>
ABIMANYU ANANTHU <sup>2</sup>	ALI EKE <sup>3</sup>
PRANAV ANGIYA JANARTHANAN <sup>1</sup>	RYAN ELIZONDO-FALLAS
RYAN ANTWI	KYLENINO ESPINAS <sup>3</sup>
DAVID AREVALO <sup>4</sup>	KENY EXANTUS <sup>1</sup>
JOEL ARIAS	NANCY EZEIFEOMA <sup>1</sup>
JOSEPH ARRIGO <sup>2, 8</sup>	ALIZA EZRAPOUR <sup>2</sup>
JAMES ARTUSO <sup>1</sup>	SAMUEL FABIAN
ZACHARY ASIS	DANA FABIANO <sup>1</sup>
ABID AZAD <sup>1</sup>	DANIAL FAHIM <sup>2</sup>
RACHEL BALJI <sup>2</sup>	YUXIANG FAN <sup>2</sup>
YASHOVARDHAN BAMALWA <sup>2</sup>	AFREEN FATIMA
ANIYAH BAPTISTE	WIKTOR FEDOROWIAT <sup>2</sup>
MAYANK BARAD <sup>1, 8</sup>	THOMAS FORZANI <sup>1, 6, 7</sup>
ANTHONY BARCA <sup>2</sup>	AHMED FOUAD <sup>1, 7</sup>
JOSHUA BAUMGARDT	RIA GADANI <sup>1</sup>
DANIEL BAVER	AKASH GADICHERLA
DANIEL RAJ BHAVSAR <sup>3</sup>	DANIEL GAMEIRO <sup>2</sup>
IZABELA BIGOS	MARCO GARCIA-PALMA <sup>4</sup>
RYAN BILLINGS <sup>1, 7</sup>	ROHAN GEORGE
MICHAEL BITTNER <sup>2</sup>	MARCO GHBRIAL
STEEVE CANTAVE	JAKE GIANNOTTO <sup>2</sup>
REID CAPTAIN <sup>1</sup>	DRINI GJONI
LUIS CASTELLANOS	SHAUN GODA <sup>3</sup>
ANDREW CHACKO <sup>1</sup>	SEBASTIAN GONZALEZ <sup>3</sup>
AMEEK CHADHA <sup>3</sup>	RAGHAV GOPALAKRISHNAN <sup>2, 8</sup>
JAMES CHAN <sup>1, 8</sup>	MAANAS GOPI
YUNHYUK CHANG <sup>1</sup>	DANIEL GORE <sup>1</sup>
ANUJ CHATURVEDI <sup>2</sup>	MATTHEW GRAVATT
QADIS CHAUDHRY <sup>1</sup>	GURVEER GREWAL
DANIEL CHEN <sup>1, 7</sup>	SIMON GRISHIN <sup>1</sup>
PETER CHEN <sup>1, 8</sup>	RAUL GUERRERO-MENDOZA
VICTORIA CHEN <sup>1, 7</sup>	PARTH GUJRATHI
ALEXANDER CHERFANE	RAVEENA GUPTA <sup>1</sup>
SAM-FONE CHEUNG <sup>1</sup>	YESMINA HAMMOUDA <sup>3</sup>
WILLIAM CHING <sup>2, 6</sup>	RYAN HAN <sup>2</sup>
NATHAN CHON <sup>3</sup>	JURGEN HAXHIU
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ERWEI HE <sup>1</sup>  
 ADAM HECHT <sup>3</sup>  
 RAHUL HEGDE <sup>1, 7</sup>  
 LINDA HOANG <sup>3</sup>  
 DAVID HU  
 YOUSEF HUSSEIN <sup>4</sup>  
 AUSTIN IDIARTE <sup>2</sup>  
 HAOUUE JIA  
 RONAN JOHN <sup>1</sup>  
 KRISTINA JOKIC <sup>2</sup>  
 JOSEPH KABASHIMA <sup>1</sup>  
 DEVESH KALOTY  
 ANTHONY KAM <sup>2</sup>  
 AHMAD KAMRAN  
 RONIK KAPADIA <sup>1</sup>  
 ISHAAN KESWANI <sup>1</sup>  
 IMAD KHALEEL KHALEEL REHMAN <sup>2</sup>  
 FARAZ KHAN  
 ZINOBIA KHAN <sup>2</sup>  
 JOSHUA KHANIN <sup>3</sup>  
 PATRICK KHOURY <sup>3</sup>  
 JINHYEOK KIM <sup>1</sup>  
 PAUL KIM  
 RYAN KING <sup>1</sup>  
 MATTHEW KOKOLUS <sup>2</sup>  
 HARIRAJ KRISHNAN  
 MATTHEW KUBIAK  
 ROHAN KUMAR  
 KONRAD LALIK <sup>3</sup>  
 DANIEL LEE  
 ETHAN LEE <sup>1</sup>  
 JAMES LEE  
 MICHELLE LEE <sup>1</sup>  
 KEITH LEHMAN <sup>3</sup>  
 ANDREI LEIVA <sup>1</sup>  
 KERRY LI <sup>1, 8</sup>  
 ZHI YUAN LI <sup>2</sup>  
 BILLIE LIANG <sup>1</sup>  
 JIEBIN LIANG <sup>1, 8</sup>  
 SHUXIN LIANG <sup>2</sup>  
 NATHANIEL LIN <sup>1, 7</sup>  
 RYAN LIN <sup>1, 7</sup>  
 ALDEN LIPIARSKI <sup>2</sup>  
 QIHAO LIU  
 DANIEL MAEVSKY <sup>1, 7</sup>  
 VISSHWA MAGESH  
 ABDULLAH MAHMOOD <sup>4</sup>  
 MALAV MAJMUDAR <sup>1</sup>  
 PIETRO MANDATO <sup>1</sup>  
 CARINA MANEK <sup>3</sup>  
 SEAN MANIAR <sup>2, 7</sup>  
 VIJAY CHANDHAR MARIMUTHU ANUR <sup>1</sup>  
 SAMUEL MARRAN <sup>1</sup>  
 MANSI MASRANI <sup>2</sup>

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 DANIEL MCCORMACK  
 HILDA MCSULLA  
 RYAN MEEGAN <sup>1</sup>  
 ANTONIO MENA  
 NOAH MERRITS  
 SAYED MIAH  
 AMIR MICHAEL <sup>1</sup>  
 JINAM MODASIYA <sup>2, 6</sup>  
 MONALI MOHAPATRA  
 HUMZA MOHSIN  
 KATHERINE MOREIRA <sup>3</sup>  
 IRINA MUKHAMETZHANOVA <sup>1</sup>  
 DAVID NAGEB <sup>1</sup>  
 ZIPENG NI  
 OSMIN NOLASCO  
 HIMA NUKALA <sup>1</sup>  
 KAYLA OLIVO <sup>1, 8</sup>  
 ARIEL OLOVYANNIKOV <sup>3</sup>  
 EGHOSA OMWAN-EHIOBA <sup>4</sup>  
 ESEOSA OMWAN-EHIOBA  
 SAMPAT PACHADE  
 CARMINE PAGANO <sup>2</sup>  
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 ISAIAH PAJARO <sup>1, 8</sup>  
 JOEL PALEY <sup>1</sup>  
 VRAJ PANCHAL <sup>1</sup>  
 ATHARVA PANDHARE  
 NIKHIL PARCHURI  
 LOGAN PASTERNAK <sup>2</sup>  
 AVNI PATEL <sup>2</sup>  
 BIANCA PATEL <sup>3</sup>  
 DHRUV PATEL  
 JAVIL PATEL <sup>2</sup>  
 PRASHIL PATEL  
 PRAYAG PATEL <sup>3</sup>  
 ROHAN PATEL  
 ROSHAN PATEL <sup>1</sup>  
 RUSHABH PATEL <sup>3</sup>  
 SHIVAM PATEL <sup>1</sup>  
 SHIVANSH PATEL <sup>1</sup>  
 TEERTH PATEL  
 VIRAL PATEL <sup>2</sup>  
 VRISHIN PATEL <sup>2, 7</sup>  
 YASH PATEL  
 ARYAN PATIL <sup>2</sup>  
 BRIELLA PAYAMI <sup>3</sup>  
 JASON PEAKE  
 ASHWIN PENUMETCH  
 DANIEL PETRONCHAK <sup>2</sup>  
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 JONATHAN PICKETT  
 BRYAN PLAZA  
 SOHUM POHANE <sup>1</sup>

ANTHONY POPPALARDO <sup>3</sup>	MEHRAAJ TAWA <sup>1</sup>
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KAUSHIK KARTHIK PRASANNA <sup>3</sup>	ELIJAH THORPE
MOSTAFA RABIH <sup>1</sup>	KEVIN TIAN
KONRAD RADECKI <sup>3</sup>	DORAN TRINEAU
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### ***Curriculum in Environmental Engineering***

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SHANE GALLAGHER <sup>1, 6, 8</sup>  
KEITH HORNE II <sup>2</sup>  
AVI PATEL <sup>3</sup>  
SERAFINA PETERKIN  
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### ***Curriculum in Mechanical Engineering***

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HAZIM ABDELHAMID  
ELIJAH ADE-FESTUS <sup>4</sup>  
JUSTIN AGUADO  
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EMAAN AMIR <sup>1, 7</sup>  
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JONATHAN ARIAS <sup>4</sup>  
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 MATTHEW BRITTON  
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 DARWIN CHARLES <sup>3</sup>  
 YASH CHAVAN  
 ALLISON CHEN <sup>2</sup>  
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 JAIDEN DAVID <sup>4</sup>  
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 SZYMON FRACKOWSKI <sup>3</sup>  
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 STEVEN GARCIA <sup>2, 4</sup>  
 HARRY GAVILANES <sup>4</sup>  
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 RISHI GOCULDAS <sup>2</sup>  
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 ENOCH HU <sup>2</sup>  
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 ANGEL JIMENEZ  
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 JASON NG <sup>1</sup>  
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 MITCHELL ORTEGA  
 JONATHAN ORTIZ <sup>4</sup>  
 MARIO OUTLAND <sup>2</sup>  
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 DRUHHIN PATEL <sup>1</sup>  
 MOHAK PATEL  
 SAHIL PATEL  
 SHYAMAL PATEL  
 DYLAN PENAFIEL  
 ANTHONY PEREZ  
 ENRIQUE PEREZ <sup>2</sup>  
 JUSTIN PETERMAN  
 RYAN PHILLIPS  
 BENJAMIN PLATOFF <sup>2, 5</sup>  
 DOMINICK POLIFRONIO  
 BRIAN POLIS <sup>2</sup>  
 NICOLE POSADA <sup>3</sup>  
 JAISON PRAJAPATI <sup>2</sup>  
 MARCUS RAMAN  
 HIRSH RAMANI <sup>1, 8</sup>  
 VISHNUPRIYA RAMESH  
 MITCHELL RAVEN <sup>3</sup>  
 SYED RIZVI <sup>1</sup>  
 MATTHEW ROBAYO <sup>1</sup>  
 JOHN ROJAS <sup>1</sup>  
 MATTHEW ROMAN  
 MD SABBIR  
 DANIEL SADEK  
 USMAN SAEED  
 ROHAN SAKHARDANDE  
 CAVIN SARAVANAN <sup>3</sup>

OMAR SARMIENTO  
 ALEXA SCALA  
 EMMANUEL SERRANO-PEREZ <sup>3</sup>  
 ISHAN SHAH  
 MAANAV SHAH <sup>1</sup>  
 VRUSHABH SHAH <sup>2</sup>  
 SHAROZE SHAHID  
 BENJAMIN SHANOSKY <sup>1</sup>  
 LEO SHAW <sup>3</sup>  
 JULIE SHEHATA  
 AKSHAY SHETH <sup>4</sup>  
 HAMAD SHIBLEE-ALVARADO  
 AMY SIERRA  
 LUCA SIRMAN <sup>1</sup>  
 KATHRYN SNEDDON  
 HIREN SOLANKI  
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 ANGEL SOTO-VERAS  
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 SEAN SULLIVAN <sup>3</sup>  
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 HANG YIN  
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 ENYAN ZHANG <sup>1</sup>  
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1. Summa Cum Laude, Cumulative GPA 3.65+
2. Magna Cum Laude, Cumulative GPA 3.4+
3. Cum Laude, Cumulative GPA 3.2+
4. Educational Opportunity Fund (EOF)/  
Educational Opportunity Program (EOP)
5. Dual Degree or Double Major
6. James J. Slade Scholar
7. Rutgers Engineering Honors Academy
8. Rutgers University Honors College

\*Note: All awards and notations in this booklet are based on the enrollment status and grade point average at the conclusion of the most recent fall semester. Final awards and notations, including spring grades, will be included on the diploma and transcript.



## **Educational Opportunity Fund & Engineering Opportunity Program**

The Educational Opportunity Fund (EOF) program is one of the nation's most comprehensive and successful state-supported efforts to provide access to higher education for economically and educationally disadvantaged students. Building upon its success, the EOF program at Rutgers School of Engineering was expanded in 2014 to include the Engineering Opportunity Program (EOP). EOF/EOP aligns with the missions of the State of New Jersey, Rutgers University, and the School of Engineering, fostering the educational, personal, and professional development of talented, highly motivated students who are interested in a career in engineering and come from educationally and/or financially disadvantaged backgrounds. Through a myriad of programs and working with faculty and staff across the school and the larger university, EOF/EOP recruits, retains, and graduates a diverse and socially, culturally, academically, and professionally competent population, while also building awareness of the field of engineering for students, parents, and educators.

### **Rutgers School of Engineering Honors Academy**

The Rutgers School of Engineering Honors Academy is a scholarly and community-focused program that offers students a unique opportunity to reach their full potential inside and outside the classroom. The program is designed to challenge, inspire, and support a select group of highly self-motivated engineering students who demonstrate remarkable academic ability, enthusiasm, intellectual curiosity, and a clear potential to make a difference as engineering leaders.

### **Rutgers University–New Brunswick Honors College**

The Honors College, built on a legacy of honors education at Rutgers University–New Brunswick, redefines interdisciplinary education by inviting students from across the liberal arts and professional schools to live and work together to address global issues through social innovation and transform their ideas into action.

### **James Jeremiah Slade**

During his long and legendary tenure as a professor of engineering mechanics at Rutgers University, James Jeremiah Slade was a noted researcher, a brilliant mathematician, and beloved by the students he taught for 36 years. Slade, who retired in 1964, received worldwide acclaim for his discoveries on the mechanics of turbulent sedimentation and self-excited oscillations and is credited with attracting many of the researchers who brought prominence to the School of Engineering, as well as to the university. The James J. Slade Scholars carry on a tradition of excellence in scholarship and research as exemplified by Slade.

## About Rutgers School of Engineering

Chartered as Queen's College in 1766, Rutgers was the eighth institution founded prior to the Revolutionary War. In 1825, the name was changed to Rutgers College in honor of Colonel Henry Rutgers, a veteran of the Revolution, "in gratitude for his numerous services" to the institution.

Under the land-grant program of 1864, instruction in agriculture, engineering and military education was introduced, and a program leading to the Bachelor of Science degree was established. The College of Arts and Sciences and the College of Agriculture and Engineering, designated separate units in 1914, were joined in 1918 by the New Jersey College for Women (which later became Douglass College). In 1917, the state legislature named the Rutgers Scientific School, which included the Colleges of Agriculture and Engineering, as the state university of New Jersey, and in a similar action in 1945 all the units of Rutgers and the Agricultural Experimentation Station became truly the state university.

Engineering at Rutgers dates to 1864. Brevet Major Josiah Holcomb Kellogg, an 1860 graduate of West Point, was the first professor of engineering. The initial program, primarily civil engineering, produced a graduating class of seven in 1868. The first professor of electrical engineering was appointed in 1903, and in 1908 the Department of Mechanical Engineering was organized. In 1902 an act of state legislature established a ceramics department which became part of the College of Engineering in 1945.

The College of Engineering as a coordinate division of the university was created in 1914 and the Engineering Experiment Station was established in 1926. In 1999, the College of Engineering was renamed the School of Engineering to reflect the comprehensive nature of our programs.

Today, the School of Engineering is a vibrant academic community whose richly diverse students and faculty members are committed to globally sustainable engineering. Its mission is built on a commitment to fostering the integration of education and research to achieve transformational innovation that is ethically responsible. With seven academic departments representing key engineering disciplines, world-renowned faculty, and nationally ranked research centers, the School of Engineering is recognized around the world as comprehensive and leading-edge, training the next generation of innovators across a broad spectrum of professions.

## On the Banks of the Old Raritan (Rutgers Alma Mater)

From far and near we came to Rutgers,  
And resolved to learn all that we can;  
And so we settled down,  
In that noisy college town,  
On the banks of the old Raritan.

*Refrain:*

On the banks of the old Raritan (my friends)  
Where old Rutgers evermore shall stand,  
For has she not stood  
Since the time of the flood,  
On the banks of the old Raritan.

Then sing aloud to Alma Mater  
And keep the scarlet in the van'  
For with her motto high  
Rutgers' name shall never die  
On the banks of the old Raritan.

## The Bells Must Ring (Rutgers 'Fight Song')

March, (wo)men of Rutgers  
Down the field today.  
March to another score,  
Forward to the fray;  
Fight, men of Rutgers  
As in days gone by  
Fight! For the Scarlet Flag over the rest must fly.

Keep Rutgers colors to the fore  
For they must win so fight, fight, fight!  
And we'll advance some more to score,  
The Rutgers flag flies high tonight, alright, alright  
We'll fling the Scarlet Banner out,  
And Rutgers (wo)men will fight, fight, fight, fight, fight;  
The bells of Queens each victory shout  
The bells of Queens must ring tonight.

RU, Rah, Rah;  
RU, Rah, Rah,  
Whoo-Rah, Whoo-Rah;  
Rutgers Rah  
Up Stream Red Team  
Red Team Up Stream  
Rah, Rah, Rutgers Rah

Keep Rutgers colors to the fore  
For they must win so fight, fight, fight!  
And we'll advance some more to score,  
The Rutgers flag flies high tonight, alright, alright  
We'll fling the Scarlet Banner out,  
And Rutgers (wo)men will fight, fight, fight, fight, fight;  
The bells of Queens each victory shout  
The bells of Queens must ring tonight.

## The Academic Costume

The wearing of academic dress dates back to the early days of the oldest universities in the world. In the American Council on Education's book entitled *American Universities and Colleges*, it is suggested that "Gowns may have been counted necessary for warmth in the unheated buildings frequented by medieval scholars. Hoods seem to have served to cover the tonsured head. . . ."

Throughout the years, European universities have continued to show great diversity in their academic dress. American universities, on the other hand, when they decided to adopt academic dress, immediately established a code of regulations which today is followed by almost all American institutions. The establishment of this code has made it possible to distinguish the bachelors, masters, and doctors and, at the same time, recognize the university which has given the degree.

The bachelor's gown has pointed sleeves and is worn closed. The master's gown, worn open or closed, has oblong sleeves, the front part of which frequently is cut away at the elbow. The doctor's gown has bell-shaped sleeves. It is worn open or closed. Cotton poplin or similar material is used for the bachelor's and master's degrees, and rayon or silk ribbed material is used for the doctor's degree.

At Rutgers, members of the Board of Governors and Board of Trustees, as well as those who hold a doctoral degree from the university, wear the Rutgers gown, which is scarlet with black velvet front panels framed on the outer edge with gold cord braid. The velvet panels are embroidered with a crown and the year 1766 at the neck, signifying the university's founding as one of the original colonial colleges under King George III of England.

The hoods vary in size: 48 inches for the doctor's degree, 42 inches for the master's, and 36 inches for the bachelor's. All hoods are lined in silk in the academic color or colors of the institution conferring the degree. If the institution has more than one color, the colors are shown in divisions using chevrons. The binding or edge of the hood is usually made of velvet in the color designating the subject in which the degree was granted. Black mortarboards are worn for all degrees.

Some of the colors in the binding of the hood are: maize, Agriculture; white, Arts and Letters; orange, Engineering; purple, Law; lemon, Library Service; green, Medicine; light blue, Education; olive, Pharmacy; blue, Philosophy; gold Science; and citron, Social Work.

The color or colors of the lining of the hood for the nine colonial colleges are: scarlet, Rutgers; crimson, Harvard; green-gold-silver, William and Mary; blue, Yale; red-blue, Pennsylvania; orange-black, Princeton; light blue-white, Columbia; brown, Brown; and green-white, Dartmouth.

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