RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY



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 1 SONA AIITH KUMAR SHABINAM ³ YUSUF ALL FRANCISCO ALMACHI-VERA⁴ ARMANDO ALVARADO 4 KEVIN ANDRADE DANIEL BAINBRIDGE 3 STEVEN BERCHER PATRICK BOLAND MATEUSZ BORYSZEWSKI¹ DIEGO CARRION CASTRO IASON CHAUDHRY COLTON COOPER¹ KHYATHI DADI ANDREA SOPHIA DAVID² BRANTLY DESHARNAIS 1 LIAM ELHADAD IASON ESPINOZA ZAMBRANO¹ BENJAMIN FAULSEIT 1, 6 DAHMIR GUNTER EDGAR HERNANDEZ KELLY HUGHES ² SUKHDEEP JASWAL TIMOTHY KEVORKOV CHIRAG KHURANA¹ ANDREW KIM¹ IONATHAN KOFMAN SAID KOUBANE MITHUN KRISHNAN 1,6 IONATHAN LABEROV JEREMY LAI NICODEMUS LEAVER ³ ALEX LEE 2, 6, 8 WILLIAM LU 1,7 WAHEDUL MAHEDI² IIANXIANG MAO CAMERON MATULEWSKI NOAH MCALLISTER 1, 6 DARSH MEHTA

CALLISTO MORGAN 2,6 CARLOS MOSCOSO² SAGNIK MUKHERIEE¹ PRONNOY NANDY RUSSELL NICHOLLS KEITH O'DONNELL CAMILLE PADUGANAO IOSEPH PALETHU 1,6 SUIAY PATEL² ROBERT PRUSSACK HANDELL QUIROS⁴ HARRISON RAUH¹ GARY REDDEN IACK RYAN 1 THOMAS SALEEB 3 DAVID SAMOLKIN¹ NINA SCIARRA² DOLLAR SHAH ³ FARAZ SHAH VEDANT SHENOY ³ PRATEEK SINGH 3, 4 DIANA SIWIK SHREYA SRIKANTH 2,6 IAKE STOCKI¹ HAMILTON SUJET ALEXA SUILLIVAN¹ VISHWARAM SUNTHARESAN TRIGUN TELLAKULACHANDRASHEKAR² SARAH TERRACINA 1 GABRIEL TERTULIANO PABLO THOMAS² MELISSA THOMPSON YUNUS TOZLU TAYLOR VINCENT PAOLO VIRTUDAZO RYAN WALTON EMILY WEROSTA² ADRIAN WILEY

Curriculum in Applied Sciences in Engineering, Packaging Engineering

Hao Lin, Ph.D., Undergraduate Director

RYAN BARRETO ³ KYLIE BOEN ^{2, 4} ARIANE BUJAKOVIC ⁴ KATELYNN CHAVEZ ^{2, 4} MICHELLE CHENG ¹ BENJAMIN CIMILUCA ¹ NICCOLO COLUCCI PABLO CUEVA VERA ALVARO FLORES ^{3, 4} ALVARO GARCIA ² MARIELA GARCIA MUNGUIA ⁴ JOAN KIM YECHAN KIM ³ LAUREN KOKOSKIE ¹ RAIEL MAGUIRANG ³ SARAH MAH ¹ ALEXANDRA MEDLEY ^{2, 4} HAMZAH MEHMOOD ² JACK O'KEEFE ^{1, 7} MEET PATEL ¹ EMILY PHU ¹ ERIC RICKERSHAUSER ² BETHANY STANTON ¹ IOYCE VILLAMAR ^{2, 4}

Curriculum in Applied Sciences in Engineering

FAITH ALLEYNE NATHANIEL ASEFA MUHAMMAD AWAN¹ STEVEN CATANDO 4 DEBABRATA CHOWDHURY⁴ ANDREW CONIN GRACE EKPE FATHIMA FAIZAL AQIL FAROOQUI ² CHRISTOPHER FRIAS⁴ CARLOS GUZMAN XINDI HE² SHUBON HUSAN⁴ HAMZA KHAN SAMUEL KIM WENYU LU ANDREW LYNCH

ANGIE MACHADO-COSTALES⁴ BRENDAN MCCANN BILAL MOHAMED 4 AKHIL MOHAMMED NAZEER MOSLEY⁴ TEJAS NIMKAR MICHAEL NYANTAKYI⁴ MOHAMED OSMAN MOSES PAUL CHRISTINE RELYEA 1 RYAN RHOADS TAHIRIH ROHOMAN SIYU SHAO 3 **IAMES SLOCUM** KAUSHIK TALLAM 1,8 DOYLE YOON ANTHONY ZAKARIA

Curriculum in Biomedical Engineering

Kristen Labazzo, Ph.D., Undergraduate Director

IONATHAN ABADIR MAYA ABDELAZIZ² FATIMA AKHTAR ALTIN ALAJBEGU² SONALI AMIN¹ LOTANNA DAVID CHIJIOKE ANENE MEGHNA ANGARA¹ ARAVIND ARYASOMAYAJULA 1 HADEEL BAKER² KEERTHANA BALAJI² SHANNON BERTIN 3 EUGENE BOAKYE⁴ KAL-EL BONILLA NICOLE BRUNO ALEXANDRA BUKOWSKA ³ ISABELLA CABARCOS ^{2, 8} SOFIA CARAYANNOPOULOS 1 TYLER CHAN ALAKH CHAUHAN 2, 8 **IESSICA CIFELLI** ELAINA CONKLIN⁴ WILLIAM CONSTANTINE **IOANN CUBILLAS 4** ALEXANDRA DABROWSKI JACOB DAVIS 1

LUCY DRUMGOOL 1, 7 MOHAMED ELSHERBINY² SOPHIA ESPINOSA MICHAEL FARRELL AARUSHI FERNANDEZ ANDREAS FRANGISKOU AADYA GADKARI DHRUV GHONIYA JONATHAN GIGLIA² MELANIE GONZALEZ⁴ DAARSH GORADIA 1 **BRENDAN GOULD** MATTHEW GREENEN 1, 6, 8 **REYNA HOLLAND** VANESSA JAGRUP² DIMPLE JAIN EUNSEO JUN¹ SHRAVYA KAMARAJU SAATHVIKA KAUSHIK² KYRA KAYAL² ABHAYJIT KHANGURA THOMAS KING 3 ARI KOLB SAKSHI KOUL 1, 6, 8 TANIYA KUMAR²

SHRIYA KURUBA² KEVIN LAM² YESSENIA LEON ADAM LEVERANT 1, 7 KATHRYN LYNCH² LIAM MANNING APOSTOLOS MAROULIS 2, 6 CHRISTIAN MATTY 3 TANAY MEHTA ALEXANDRA MONTI³ AREN MORTENSEN 3 YAJAIRA ORELLANA 3 SRISHTI PAL 3 KAREENA PATANGYA² MONIT PATEL³ PRAKSHA PATEL² PRIYANSH PATEL¹ ANUSHKA PATIL ANVITA PATWARI¹ IAVIER PEREZ ERIN POMPONIO 3 FAIZALI RAHIM 2, 8 VIGHNESH RAIA¹ HAMZAH RASHEED SANCHITA RAY KELLY SANANGO

ELYAS SANZAR GABRIELLE SCALER² SIDHANTH SHAKELLY 3 VIREN SHARMA SAMUEL SHREM 1 GHASSAN SLIM 3 SANGAVI SRIRANGANATHAN 1, 7 MICHAEL STANAWAY 3 KENDRA STEPHENS² ALEXANDER SUPONYA 1, 6, 8 ERIK SWANSON ³ IASON SZOIA ERIC TAM KATHERINE TOSCANO² NICOLAS ULLOA 4 JASON VELIKY 3 RICHARD VUONG¹ RAMA WAGH 3 IONATHAN WANG 3 DYLAN WAYNOR 2, 6 KYLE WERTHER KABIR ZAMA¹ KAMILA ZARIPOVA ³ BRIDGET ZHANG 1, 8 SAMUEL ZHANG 1, 6 MARGARET ZHUANG

Curriculum in Chemical Engineering

Nina Shapley, Ph.D., Undergraduate Director

CHRISTINE ABDI ALEXANDER ALFARO ² MEQDAD ALQALLAF² FRANCESCO AMATO 2 ANAS ANI 1 CECELIA AVALOS 3 HAMIDU BARRIE² IBRAHIM BASAR ² AVNI BHAVSAR 1, 8 RYAN BODAILO JUSTIN BUCHEL LAURA CACERES **JULIA CALDARO** HYUNWOO CHO² SEONG WOO CHO IOSIANE COSTA LIMA 1 KIMBERLY CRUZ⁴ THOMAS DAMELIO ISHANI DAVE 1 SHESH DAVE ALESSANDRO DEPAOLA 3 IONATHAN ESPOSITO 1 SEBASTIEN FAJARITO ETHAN FIGUEROA⁴ **IAKUB FUSIARZ**

MARIA GALKIN 1, 8 MIGUEL GASPAR⁴ ERICA GIINI 1, 8 BRIAN GRODZKI² IEEYOUNG HAN 1, 6 STEPHEN HEGEDUS² MATTHEW HILL 1 ALEXANDRA HOBBS 1, 7 SRISPOORTHI IYER IENIL KANABAR DIMITRIOS KASTANOS 3 GARRETT KEATING DONOVAN KERNS 1, 8 MAHMOUD KHATIB AINSWORTH KIFFIN ESTHER KIM GREGORY KOLL NICHOLAS KONDAKJIAN 3 YSABELLA LEIVA JUSTIN LI² CARLOS LOZANO⁴ KELLY LY 1 RICHARD MUNIZ² GIBSON NGUYEN² RIVA NIGAM 2

NEHAL PATEL
PAYAL PATEL
RUDRA PATEL 1
JENNIFER PEREZ-SANCHEZ
EMILY GRACE PINLAC 1
ANTONINO PRINCIPATO ¹
CHARANYADEVI RAMASAMY 1
DANIEL RASER 1, 8
FARAH RIYASAT
MENATUALLAH SAAD
KIMRAN SANDHU ²

YIWEI SHAO² KRISHNA SHARMA¹ SAMIYAH SIDDIQUI² DONOVAN SMITH GIUSEPPE SPERA¹ RONY URIBE DYLAN WILDE¹ SAMUEL XIAO¹ ASHLEY YAP³ ASHLEY YAU¹ EDWARD YIN

Curriculum in Civil Engineering

Husam Najm, Ph.D., Undergraduate Director

ANEESH ACHARYA² AAKHIB AHSANUDDIN SAMMY ALSHAMEH ZAID AMIR 3 BILAL AWAN STEVEN BARBA CHRISTIAN BERMEO⁴ MICHAEL BERRY EDWIN BREW 1, 6 MAXWELL BRUSHABER 1 ANDREW CASTILLO 1 **IUSTIN CAYLO** KRISTA CHEMPIEL¹ ANDY CORDERO 4 SAMUEL DEFALCO 2 GEORGE ELIAS LILY FOSBURGH 1 IAKE GANDARA² BRENNAN GAVITO 2 ZACKARY GIDDA 4 MARIATERESA GONZALEZ MORALES JACK GREENBERG 1 MAXWELL HAUGHT 1 THOMAS HAYES 1 COLE HEINZ CALEB IOSUA HERNANDEZ 3 ERICK HERNANDEZ BEDOYA¹ ANDREW HOEFELE 1, 7 CHRISTOPHER HWANG MARIAM INSANALLY 1 MELANIE ITURRIA-RAMOS **IOSEPH IOHNSON** PRITAL JOSHI 3 ANEESH KAKIRDE 1, 8 ANTHONY KALOGRIDIS 2 MATTHEW KELLY 1, 7 AMIR KHAN MATTHEW LEBOEUF **IING LI**

DOMINIOUE LIANTONIO² KEVIN LUNA JOAO MACHADO 1 NICOLE MALLARI² IOSHUA MARTIN¹ CATHERINE MCDONNELL¹ RYAN MCGOVERN 3 KATELYN MCLAREN² EMILY MELISE 3 GEORGES MICERA RALPH MOLINARI¹ GUSTAVO MOROCHO GRACE MORRIS² DIEGO NARANIO SUAREZ 3 MITCHELL NELSON 1 PHUONG NGUYEN 1, 6 IOHN O'KEEFE OSWALD OLMEDO AGUSTIN OSSES-FALCO 2 AKASH PATEL SHIVAM PATEL³ KRITHIKA PATRACHARI² LINDSEY PAUTZ ALEXANDRA PELTYSZYN 1 SABRINA PEREZ 2, 4 NAYAB RABBITWALA 1 AABIR RASHID² MARCELO REMOND MIYOSHI¹ PILAR ROIAS 2, 4 PIAFF SAMEDI URIEL SANCHEZ-PEREZ 1, 4 EDWIN SANDOVAL 2, 6 FERNANDO SANTOS ROSARIO¹ SAMUEL SCARCELLI KAI SCHRAVEN CHRISTOPHER SCHWOERER⁴ MICHAEL SEBASTIAN **IEANFRANCO SERNA**⁴ SUNCHITA SHANKAR¹

MICHAEL SUYAMA HARSHIL THAKER² YUYANG WANG² NICHOLAS WILLIS³ DENIEL YI NICHOLAS YUHAS JACK ZACCARO

Curriculum in Electrical and Computer Engineering

Sasan Haghani, Ph.D., Undergraduate Director

RAHAF ABDALLAH SAHMI ABUBAKAR¹ IEFF ACEVEDO 2, 4 MIGUEL ACEVEDO 3 VAHID AFSARI NIKHIL AGARWAL¹ MULUGETA AKALU 3 MOHNISH AKULA GEORGIY ALEKSANYAN⁴ BRENNAN ALVIAR ABIMANYU ANANTHU² PRANAV ANGIYA JANARTHANAN¹ RYAN ANTWI DAVID AREVALO 4 JOEL ARIAS JOSEPH ARRIGO 2, 8 IAMES ARTUSO 1 ZACHARY ASIS ABID AZAD¹ RACHEL BALJI² YASHOVARDHAN BAMALWA² ANIYAH BAPTISTE MAYANK BARAD 1, 8 ANTHONY BARCA² IOSHUA BAUMGARDT DANIEL BAVER DANIEL RAJ BHAVSAR 3 **IZABELA BIGOS** RYAN BILLINGS 1, 7 MICHAEL BITTNER² STEEVE CANTAVE REID CAPTAIN¹ LUIS CASTELLANOS ANDREW CHACKO 1 AMEEK CHADHA 3 JAMES CHAN 1, 8 YUNHYUK CHANG¹ ANUJ CHATURVEDI² **QADIS CHAUDHRY**¹ DANIEL CHEN 1, 7 PETER CHEN 1, 8 VICTORIA CHEN 1, 7 ALEXANDER CHERFANE SAM-FONE CHEUNG¹ WILLIAM CHING 2, 6 NATHAN CHON 3

JULIO CONTRERAS IOHN CORCORAN ZIYOU CUI 3 ANTHONY D'AGOSTINO CLYDE DELACRUZ ARIANNA DEMAIO 3 VARSINI DHINAKARAN¹ NELUSHA DIAS 1, 7 KHUSH DIORA 3 MAANVITA DODDAPANENI² ARYAN DOSHI¹ ALI EKE ³ RYAN ELIZONDO-FALLAS **KYLENINO ESPINAS 3** KENY EXANTUS 1 NANCY EZEIFEOMA¹ ALIZA EZRAPOUR² SAMUEL FABIAN DANA FABIANO¹ DANIAL FAHIM² YUXIANG FAN² AFREEN FATIMA WIKTOR FEDOROWIAT² THOMAS FORZANI 1, 6, 7 AHMED FOUAD 1, 7 RIA GADANI¹ AKASH GADICHERLA DANIEL GAMEIRO² MARCO GARCIA-PALMA⁴ ROHAN GEORGE MARCO GHBRIAL JAKE GIANNOTTO 2 DRINI GJONI SHAUN GODA 3 SEBASTIAN GONZALEZ³ RAGHAV GOPALAKRISHNAN 2, 8 MAANAS GOPI DANIEL GORE 1 MATTHEW GRAVATT GURVEER GREWAL SIMON GRISHIN¹ RAUL GUERRERO-MENDOZA PARTH GUIRATHI RAVEENA GUPTA 1 YESMINA HAMMOUDA 3 RYAN HAN²

JURGEN HAXHIU BRIAN HE¹ ERWEI HE¹ ADAM HECHT³ RAHUL HEGDE 1, 7 LINDA HOANG 3 DAVID HU YOUSEF HUSSEIN⁴ AUSTIN IDIARTE² HAOYUE JIA RONAN JOHN 1 KRISTINA IOKIC² JOSEPH KABASHIMA¹ DEVESH KALOTY ANTHONY KAM² AHMAD KAMRAN RONIK KAPADIA¹ ISHAAN KESWANI¹ IMAD KHALEEL KHALEEL REHMAN² FARAZ KHAN ZINOBIA KHAN² IOSHUA KHANIN³ PATRICK KHOURY 3 IINHYEOK KIM¹ PAUL KIM RYAN KING¹ MATTHEW KOKOLUS² HARIRAJ KRISHNAN MATTHEW KUBIAK ROHAN KUMAR KONRAD LALIK 3 DANIEL LEE ETHAN LEE 1 JAMES LEE MICHELLE LEE 1 KEITH LEHMAN 3 ANDREI LEIVA¹ KERRY LI 1, 8 ZHI YUAN LI 2 BILLIE LIANG 1 IIEBIN LIANG 1, 8 SHUXIN LIANG² NATHANIEL LIN^{1,7} RYAN LIN 1, 7 ALDEN LIPIARSKI² QIHAO LIU DANIEL MAEVSKY 1, 7 VISSHWA MAGESH ABDULLAH MAHMOOD ⁴ MALAV MAIMUDAR¹ PIETRO MANDATO 1 CARINA MANEK ³ SEAN MANIAR 2, 7 VIJAY CHANDHAR MARIMUTHU ANUR ¹

SAMUEL MARRAN¹ MANSI MASRANI² DREW MASTRONARDI DANIEL MCCORMACK HILDA MCSULLA RYAN MEEGAN 1 ANTONIO MENA NOAH MERRITS SAYED MIAH AMIR MICHAEL¹ JINAM MODASIYA 2, 6 MONALI MOHAPATRA HUMZA MOHSIN KATHERINE MOREIRA 3 IRINA MUKHAMETZHANOVA¹ DAVID NAGEB 1 ZIPENG NI OSMIN NOLASCO HIMA NUKALA¹ KAYLA OLIVO 1, 8 ARIEL OLOVYANNIKOV 3 EGHOSA OMWAN-EHIOBA 4 ESEOSA OMWAN-EHIOBA SAMPAT PACHADE CARMINE PAGANO² NANDANA PAI¹ ISAIAH PAJARO 1, 8 JOEL PALEY 1 VRAJ PANCHAL¹ ATHARVA PANDHARE NIKHIL PARCHURI LOGAN PASTERNAK² AVNI PATEL² BIANCA PATEL 3 DHRUV PATEL IAVIL PATEL 2 PRASHIL PATEL PRAYAG PATEL 3 ROHAN PATEL ROSHAN PATEL 1 RUSHABH PATEL 3 SHIVAM PATEL 1 SHIVANSH PATEL¹ TEERTH PATEL VIRAL PATEL 2 VRISHIN PATEL 2, 7 YASH PATEL ARYAN PATIL² BRIELLA PAYAMI 3 **IASON PEAKE** ASHWIN PENUMETCH DANIEL PETRONCHAK² LONG PHAN¹ IONATHAN PICKETT

BRYAN PLAZA SOHUM POHANE¹ ANTHONY POPPALARDO 3 SHARAD PRASAD 1 KAUSHIK KARTHIK PRASANNA 3 MOSTAFA RABIH¹ KONRAD RADECKI 3 RAVI RAGHAVAN 1, 8 UDAYAN RAI¹ RAMYA RAMABHADRAN² SABARINATH RAMACHANDRAN 3, 6 SHREYAS RAMACHANDRAN MUKUND RAMAKRISHNAN 1, 6, 7 KEYUR RANA 2, 4 AKHIL REDDY 1 BRENDAN REILLY NIKITA RESHETNYAK² SEAN ROGERS ² HECTOR ROMAN^{2, 4} **IONATHAN ROMERO**⁴ CONNOR ROOF ² MONICA RUBENS⁴ DANIEL RUSSO OLIVER RZEPECKI 1, 8 LOUIE SAEZ IOSEPH SAFFIOTI 1 KAVIN SAKTHIVEL 3 ANTHONY SANSANO METIN SARI² AMAN SAXENA 1 MICHAEL SCHAMING TAYLOR SCHEUERING 3 HANNAH SCHWARTZ 1, 7 JOSHUA SEGURA SEAN SEQUEIRA IAYADITYAN SETHURAMAN² HISHAM SHAFI ADITYA SHARMA¹ CORY SMITH YUBO SU IAMES SUILLIVAN 1 XINYI SUN 3 HUMZA SYED 1, 7 LANCE TAGO 1 ARSLAN TARIQ

LIAM TATA-LOBO 1 MEHRAAJ TAWA 1 MURALII KRISHNAN THIRUMALAI ELIJAH THORPE KEVIN TIAN DORAN TRAINEAU PETER TRAN¹ ANTHONY TRIANO 1 THOMAS TRIEU² VIR VAIDYA² FELIPE VALENCIA 1, 4 DAVID VALVERDE 4 EDWIN VARGAS³ AARUSHI VASHISTHA 2 PIROUZ VAZIRI¹ PATRICK VEGA 1 JONATHAN VELEZ MARLON VERGARA 1 TIMOTHY WAMAKIMA DEQI WANG² FIONA WANG¹ JINGYI WANG 3 ZIHAN WANG NITHISH WARREN² ZIQIONG WEI ABRAHAM WEITZMAN 3 PETER WILMOT 1, 7 CHARLIE WONG-JARAMILLO ERIC WU² LIURUI XU² PENGCHONG XU³ AARON YAGUDAYEV⁴ CHRISTIAN YANEZ YUXI YANG MALIHA YEASMIN IAMES YIM 3 CHRISTINA YOO GAVIN YOUNG WEIIIE YU NABHAN ZAMAN ³ ANTHONY ZAPPONE DEHUI ZHANG JUNLING ZHANG 3 YIRAN ZHANG¹ LI ZUO

Curriculum in Environmental Engineering

Nicole Fahrenfeld, Ph.D., Co-undergraduate Director Arend-Jan Both, Ph.D., Co-undergraduate Director

ALENA BRAYSHAW ³ TERESA BROSTOW LINDSEY BUTTGEREIT ² CHARLES CUTIGNOLA ¹

ADAM ELABBOUDY IAN HAMMOND ³ DANIA HOURANI ³ SAMANTHA LADA GILLIAN MULVOY ² BENJAMIN ROE ² CATHERINE SAND HUNTER SCHWAB

Curriculum in Industrial Engineering

Elin Wicks, Ph.D., Undergraduate Director

ANWAR ABDALLAH ABDULLAH AHMAD 3 ISHRAO AHMED² SABIH ALI 2 CARLOS ARIAS IR ALON BEN-AVRAHAM² ANTHONY CAMMARANO 1, 8 LUKE CELI BRIAN CHEN² MICHAEL CIELECKI² CASSANDRA COYLE ³ IUSTIN CUI² JOSEPH DAMIANO¹ IAY DESAL³ IOY EDWARDS ³ DENA ELNOKALY² MICHAEL FINKELSTEIN 1, 7 VIVIANA FLOWER² NICOLE GIRALDO 2, 4 OMAR HAGAG AMINAH HAOUE² VISHNUVALLABHA IYENGAR¹ **IASON IETTER**

JOVAN SNYDER SRISTHUTHI SRINIVASAN NITHYAHARINI SURESH ^{1, 6} GAVIN WAGNER ^{1, 8}

KOGUL KATHIRGAMATHAS ANNA KRYZANEKAS¹ STEPHANIE LOPEZ-PEREZ ⁴ RAMIYA MAMATAJ 3 RYAN MAU¹ EMANUEL MESHOYRER 1, 7 MERIEM MRABBAJ² KIRKZEBEDEE OLANDRES² SHLOK PATEL CORY PETERSEN 1, 7 **UPASHNA PUROHIT²** CZARINA MARIE REBADAVIA² CHRIS EMMANUEL SADAYA 3 GIRISH SANKRITHI 1, 7 ALI SAQIB 2, 4 CHRISTIAN SAWICKI WILLIAM SCHAUB DEVAN SHAH² AMOL SHIRODKAR 2, 8 IAN SULLIVAN AMIT UPADHYE 1 NICHOLAS VAGOTT GAVIN YANG 3

Curriculum in Materials Science and Engineering

E. Koray Akdoğan, Ph.D., Undergraduate Director

KAYLA ALBUJA ³ MAYA BECKER ¹ MEGAN BYNOE ^{1,7} ANTHONY CONTE RIANNE GABRIELLE DE LEON ^{1,7} SHANE GALLAGHER ^{1, 6, 8} KEITH HORNE II ² AVI PATEL ³ SERAFINA PETERKIN XIAOFENG WU ²

Curriculum in Mechanical Engineering

Qingze Zou, Ph.D., Undergraduate Director

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JOSEPH MELFI 3 FRANK MENDIETA **JUSTIN MILES 3, 4** JOSEPH MONTE² JUSTIN MORGAN DALTON MOWER 1 ANMOLDEEP MULTANI COMFORT NADJIWA 2, 4 ARYAN NARVEKAR ALYSSA NAYAR ² AKHIL NEERATI 2 COLE NEUMAN JUSTIN NEWMAN JASON NG¹ IAMES NUGENT EVAN OCASIO 3 **IOSEPH O'DONNELL** DELSIN OLMEDO **OLUWAFERANMI OMIDIRAN**¹ RYAN O'NEILL² PRECIOUS OPARA 3, 4 MITCHELL ORTEGA **IONATHAN ORTIZ 4** MARIO OUTLAND² ANUJ PATEL DRUHIN PATEL¹ MOHAK PATEL SAHIL PATEL SHYAMAL PATEL DYLAN PENAFIEL ANTHONY PEREZ ENRIQUE PEREZ² **JUSTIN PETERMAN** RYAN PHILLIPS BENJAMIN PLATOFF 2, 5 DOMINICK POLIFRONIO BRIAN POLIS² NICOLE POSADA 3 IAISON PRAJAPATI² MARCUS RAMAN HIRSH RAMANI 1, 8 VISHNUPRIYA RAMESH MITCHELL RAVEN 3 SYED RIZVI¹ MATTHEW ROBAYO 1 JOHN ROJAS¹ MATTHEW ROMAN MD SABBIR DANIEL SADEK USMAN SAEED ROHAN SAKHARDANDE CAVIN SARAVANAN³ OMAR SARMIENTO ALEXA SCALA

EMMANUEL SERRANO-PEREZ 3 ISHAN SHAH MAANAV SHAH 1 VRUSHABH SHAH² SHAROZE SHAHID BENJAMIN SHANOSKY 1 LEO SHAW 3 JULIE SHEHATA AKSHAY SHETH 4 HAMAD SHIBLEE-ALVARADO AMY SIERRA LUCA SIRMAN¹ KATHRYN SNEDDON HIREN SOLANKI ZACHARRY SORIANO² JESUS SOTO 2 ANGEL SOTO-VERAS ALEXANDER STONE SEAN SULLIVAN ³ SHALAKA TENDOLKAR^{1, 6} NISHAD THAKAR 3 MARGARET THORESEN 1 IAN TOMON 3 PRANAV TRIPATHI 2, 6 DANIEL TSOY 3 ANTON UDOVENKO ERIC ULISSE EVAN VANLENTEN² DOUGLAS WILLEY 1 SHUBIN XIE 2, 6 HANG YIN CRYSTAL YUNG 1, 6 NICOLE ZELAYA ENYAN ZHANG 1 ZHIHAO ZHANG QIYAN ZHU 3

- 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 selfmotivated 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 selfexcited 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, 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.



Rutgers Engineering Alumni Association!



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