

Commencement-

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

Commencement 2020

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More than Four Decades of Achievement, Service and Excellence

In 1976, the legislation to create a new medical school in South Jersey was met with opposition from some who did not see the need for a third medical school in the state. But thanks to the energy and persistence of Sen. Joseph Maressa, Dr. Howard Levine and Dr. Joseph Riley, the legislation to create SOM was signed by Gov. Brendan Byrne. The inaugural class of 24 future physicians began their careers the following year at New Jersey's only osteopathic medical school and the first four-year medical school in South Jersey.

In 1986, SOM's second decade welcomed the establishment of the New Jersey Institute for Successful Aging (then called the Center for Aging). A statewide center of excellence, the NJISA is dedicated to training health care professionals while providing medical care and public policy advocacy to benefit older adults and their families. Since its inception, the NJISA has helped RowanSOM achieve national recognition in the field of geriatric medical education, including consistent national accolades as one of America's top schools for geriatric medical education.

In 1987, SOM began to establish its footprint on the Stratford campus with the opening of a medical office building. In 1988, the CARES (Child Abuse Research, Education and Service) Institute opened its doors as the diagnostic and treatment center serving the needs of children who have suffered abuse or neglect. From its Stratford location, CARES staff members have reached around the globe. Diagnostic techniques and therapeutic interventions developed at CARES have helped children in Asia, Europe, Africa and South America to recover from traumas associated with abuse, wars and natural disasters.

By 1990, new and newly renovated buildings allowed SOM to finally call the Stratford campus home to the entire four-year program. That was followed by a decade of firsts that solidified SOM's reputation as one of the nation's premier osteopathic medical schools. SOM was the first osteopathic



In 1976, Gov. Brendan Byrne signed the Senate bill authorizing funding to create the School of Osteopathic Medicine in Stratford. From left, witnesses at the signing included Dr. Joseph Riley, Agnes McGinnis, Dr. Howard Levine, Robert Chapman and Sen. Joseph Maressa.

medical school to hold a White Coat ceremony (1996), the first to offer dental medicine as part of its curriculum (1997), the first to offer a problem-based learning curriculum (1998) and one of the first medical schools in the country to require that all students receive specific training in geriatrics.

SOM consistently ranks among the top osteopathic schools for research funding, with over \$25 million in research and extramural grants awarded last year. Among the scientific advancements under development at SOM are new technologies to combat rare childhood diseases, a blood test that can accurately diagnose neurological diseases associated with aging, research on gene regulation during development and the evolution of new traits, and new therapeutic approaches that interrupt the growth and spread of cancer.

Just as it was an early voice in recognizing the needs of children through the CARES Institute and the challenges presented by an aging population with the NJISA, SOM was among the first to respond to the predicted shortage of physicians facing New Jersey and the rest of America. In April 2019, the Rowan Integrated Special Needs (RISN) Center officially opened its doors in the Bankbridge Development Center and began offering patient centered primary and behavioral health care services for individuals with physical, intellectual and developmental disabilities and their families. The RISN Center is the first facility of its kind in the South Jersey region and will lead the school's proposed expansion on the Sewell campus.

Since 2009, SOM has twice received approval from its accrediting agency to increase class size. In 2019, SOM enrolled an entering class of 202 students, more than doubling the size of the class that entered the school a decade ago. This entering classes medical education was delivered through a new integrated curriculum that stays true to SOM's osteopathic heritage and prepares these future physicians to become GME ready and deliver excellent medical care throughout their careers. More than 80 percent of these firstyear students are New Jersey residents. Among its alumni, the largest proportion of SOM graduates live and practice in New Jersey, with almost half specializing in primary care.

SOM's July 2013 integration into Rowan University has expanded the school's reputation and reach. The Stratford campus, with more than 800 students and dozens of clinical offices, has become a bustling hub for research, education and In recent months, the United States has faced a health crisis like none other. The rapid spread of COVID-19 has challenged institutions across the country and around the world to adapt quickly and significantly to a new reality.

As a leading provider of health services and a premier institution of medical education, the School of Osteopathic Medicine (SOM) has been called to meet the challenges of this crisis. Thanks to the collaborative and innovative efforts of students, faculty and staff, SOM has provided invaluable medical services to the residents of New Jersey and continues its mission to prepare physicians and scientists who are committed to improving health in New Jersey and throughout the nation. The unprecedented public health dilemma caused by the COVID-19 pandemic has challenged the graduates of the Class of 2020, and like the institution they leave behind, they are better prepared to become healers in their communities and leaders in the medical profession.

patient care. Rowan Medicine, the school's faculty practice plan, is a regional leader in patient care with more than 210,000 patient visits each year.

SOM has major teaching affiliations with hospitals and health systems throughout New Jersey, including Jefferson Health–Stratford, Cherry Hill and Washington Township (primary teaching partner), AtlantiCare, Capital Health, CarePoint Health, Inspira Health Network and Virtua Health.



Dr. Benjamin Cohen, founding dean of SOM, is pictured with the Class of 1981, SOM's first students.

Improving Health Through Science

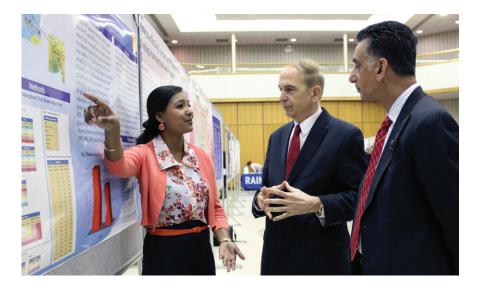
The breathtaking speed of discovery and innovation in today's world is reflected in the compelling mission of the Graduate School of Biomedical Sciences (GSBS)—to develop scientists who will contribute new knowledge in the biomedical disciplines through creative research and scholarship. More than 700 alumni have benefited from unparalleled access to research faculty whose discoveries have opened new doors to the world's understanding of disease.

The Graduate School of Biomedical Sciences was established in 1956 as a program in biomedical sciences in the former Seton Hall College of Medicine and Dentistry, and in 1969, GSBS became a separate school of the State's Health Sciences University. The July 2013 integration with Rowan University has expanded the institution's reputation, reach and research prowess. GSBS is a vital part of Rowan's research effort, helping it to earn designation as New Jersey's second comprehensive public research institution and, in 2017, status as a Carnegie-classified national public research institution. In December 2018, Rowan University was reclassified as a Carnegie R2 (high research) institution. Only 135 of the more than 4,300 colleges and universities in America have achieved that distinction.

GSBS faculty provide classroom instruction and research opportunities for School of Osteopathic Medicine (SOM) and GSBS students. A joint D.O./ Ph.D. program provides physician-scientists with the unique experience to practice medicine while contributing to the study of diseases and new medical treatments or to become educators of the next generation of physicians.

Graduates of the Cell and Molecular Biology (CMB) program have continued their careers as researchers, scientific writers and educators or in supervisory positions, overseeing research at government agencies like the Environmental Protection Agency, the National Institutes of Health and the National Science Foundation. Within one year of graduation, 93 percent of the CMB Ph.D. students and all of the M.S. students have secured employment in their field, including positions at Children's Hospital of Philadelphia, Fox Chase Cancer Center, Limelight Bio, Sidney Kimmel Cancer Center, University of Pennsylvania, Weill Cornell Medical Center and Yale University.

Many Master of Biomedical Science (MBS) program graduates have become successful medical school applicants, enrolling in SOM, Cooper Medical School of Rowan University and, among others, Rutgers University, Drexel University and the Philadelphia College of Osteopathic Medicine.



This year, more than 140 research teams presented their findings at the annual Stratford Campus Research Conference.



State-of-the-art facilities on the Stratford campus provide for hands-on graduate training and help answer the latest, toughest questions in biomedical research.

In fact, 100 percent of the GSBS students that have met the RowanSOM linkage (3.60 GPA in 18 credits of our MBS program and a 500 MCAT) were guaranteed an interview at SOM and are currently enrolled or accepted into medical school. Other MBS graduates have earned acceptance into prestigious dental schools, including Boston University, Temple University and the University of Pennsylvania, or enrolled in physician assistant, physical therapy or nursing school programs throughout the region.

The Master of Science in Molecular Pathology and Immunology (MSMPI) program is another GSBS program preparing graduates for successful biotechnology careers. This 17-month, interactive learning experience combines traditional classroom instruction with hands-on experience at the region's largest biotechnology consortium, the Genesis Biotechnology Group. Before graduation, 95 percent of MSMPI graduates have accepted positions in their field at such organizations as Bristol-Myers Squibb, Incyte Corporation, Kansas University Medical Center, L'Oréal Group, Merck Pharmaceuticals, Novartis, Wake Forest University, and WuXi Advanced Therapies.

The Master of Science in Histopathology program prepares students for careers in clinical and biomedical research laboratories with over 300 hours of hands-on training guided by expert instructors and more than 150 hours of training in clinical or research laboratory internships at GSBS affiliate sites. All of the Histopathology graduates found a professional position in science within two months of earning a degree, working with organizations including Children's Hospital of Philadelphia, Cooper University Health Center, Corteva (DowDuPont), Crozer-Chester Medical Center, LabCorp, Penn Vet, University of Pennsylvania Mohs Dermatology Lab, and Virtua Hospital.

The wide array of other degree programs available at GSBS is evidenced among this year's graduates. They are:

- Ph.D. in Cell & Molecular Biology
- Master of Science in Cell & Molecular Biology
- Dual D.O./Ph.D.
- Master of Biomedical Sciences
- Master of Science in Molecular Pathology & Immunology
- Master of Science in Histopathology
- Accelerated B.S./M.S. dual programs in Biochemistry, Bioinformatics, Biophysics, Molecular and Cellular Biology, or Translational Biomedical Science with the Rowan University College of Science & Mathematics, and the Master of Science in Cell & Molecular Biology.

Commencement Ceremony

WELCOME

Thomas A. Cavalieri, D.O., MACOI, FACP Dean

GREETINGS

James Newell, Ph.D. Senior Vice President for Medical Initiatives and Affiliated Campuses

MESSAGE TO GRADUATES

Thomas A. Cavalieri

STUDENT AWARDS

MILITARY COMMISSIONING

Thomas A. Cavalieri

GOLDEN APPLE AWARDS

Michael J. DeFilippo President, Class of 2020

PRESENTED TO

Deborah Podolin, Рн.D. Associate Professor & Vice Chair of Education, Cell Biology and Neuroscience

Peter Bulik, D.O. *Attending Physician, Lourdes Cardiology*

STUDENT REMARKS

Michael J. DeFilippo

OSTEOPATHIC OATH

Thomas A. Cavalieri Michael J. DeFilippo Andrea Iannuzzelli, D.O.'83, FACOI, CMD President, Alumni Association

PRESENTATION OF GRADUATES

SCHOOL OF OSTEOPATHIC MEDICINE ALUMNI ASSOCIATION INDUCTION

Andrea Iannuzzelli

CLOSING REMARKS

Thomas A. Cavalieri

THE OSTEOPATHIC OATH

I do hereby affirm my loyalty to the profession I am about to enter.

I will be mindful always of my great responsibility to preserve the health and life of my patients, to retain their confidence and respect both as a physician and a friend who will guard their secrets with scrupulous honor and fidelity, to perform faithfully my professional duties, to employ only those recognized methods of treatment consistent with good judgment and with my skill and ability, keeping in mind always nature's laws and the body's inherent capacity for recovery.

I will be ever vigilant in aiding in the general welfare of the community, sustaining its laws and institutions, not engaging in those practices which will in any way bring shame or discredit upon myself or my profession.

I will give no drugs for deadly purposes to any person, though it be asked of me.

I will endeavor to work in accord with my colleagues in a spirit of progressive cooperation and never by word or by act cast imputations upon them or their rightful practices.

I will look with respect and esteem upon all those who have taught me my art. To my college I will be loyal and strive always for its best interests and for the interests of the students who will come after me.

I will be ever alert to further the application of basic biologic truths to the healing arts and to develop the principles of osteopathy which were first enunciated by Andrew Taylor Still.

ALMA MATER

Words by Ada P. Schaible '24, Revised '17

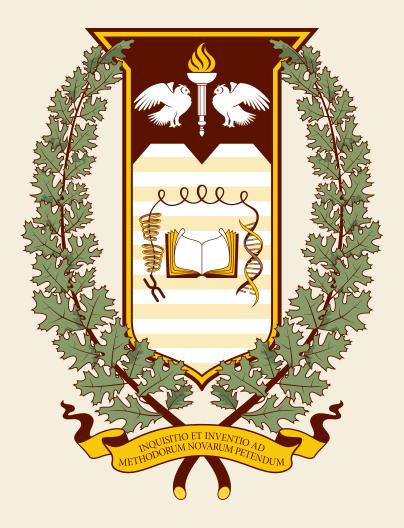
Oh Rowan, we greet thee. All praise to thy name; Thy banner unfurl to the breeze.

Thy children salute thee and pledge to thy fame The resounding voices reprise.

All about thee arise the first temples of God, Lifting high, leafy arms to the sky.

And the flowers that bloom in the green of the sod Seem to sing thee a sweet lullaby.

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES



DEAN Thomas A. Cavalieri, d.o.

CANDIDATES FOR GRADUATION

Candidates for Doctor of Philosophy Degree

CELL & MOLECULAR BIOLOGY

George A. Godsey II Advisor: Robert Nagele, Ph.D.

Rahil Kheirkhah Advisor: Robert Nagele, Ph.D.

- Shawna Marie Rotoli Advisor: Salvatore Caradonna, Ph.D.
- Abhirup Sarkar Advisor: Robert Nagele, Ph.D.

Candidates for Master of Science Degree

HISTOPATHOLOGY

- Nicholas Michael Chiarella Alexander Anthony Ciaciarelli Jr. Davina Jackson
- Kevin Hien Tran

MOLECULAR PATHOLOGY & IMMUNOLOGY

- Michael Joseph Ingling
- Jill Marie Thompson Nicholas Anthony Wachowski

Candidates for Master of Biomedical Science Degree

BIOMEDICAL SCIENCES

- Tahmid Ahmed
 Ryan Joseph Alvite
- Anoushka Barpujari
 Wendy P. Bonilla-Acosta
 Zachary J. Bruno
 Victoria Monique Christopher
 Hala Easmael
 Brooke Ashley Fallon
 Briaira Cameron Geiger
 Lamiya Hossain
- Esther Garcelle Jean Baptiste
- Janis G. Kargbo Damini Kashyap Jaspreet Kaur Jaclyn Danielle Kerner Noel Ghandour Khamis
- Alexandria Lynn Lomanno
- Basma Nudrat Malik
 Stephany Joan McDonald
 Alexandra Joann Melchiorre
 Lorena Olea Mendoza
- Samama Jabeen Mirza Joseph Patrick Morris
- Folake Olamiju Rahul Paresh Parekh
- Amreen Patel
- Bhaumik Patel
- ▲ Kush P. Patel Pruthvi Pediredla Jonathan Puleio Natalie Saint Eloi
- ▲ Mohammad Usman Sandhu Lali Singh
- ▲ Jessica Tan Linda S. Trujillo Steve Williams Haizhen Chen Yang Usman Mahmood Yaqoob
 - August 2019
 - ▲ December 2019

January 2020



DEAN Thomas A. Cavalieri, d.o.

CANDIDATES FOR GRADUATION

Candidates for Doctor of Osteopathic Medicine Degree

Jennifer Lauren Abrams Thomas John Ajami Taiwo Temitope Ajumobi Teymur Aliyev Emmanuel Amofah Jr. Keith Ryan Anacker Kunal Ashok Anandpara Nathaniel Aujand Andrews Anthony F. Ascione Sharmin F. Asha Anna Arret Ayum Sarah Nasir Aziz Aakash Babaria William Fuller Baker Vincent Louis Basile Cansu Baycora Sarah Bechay Leonard Brandon Belotti Ahmed Mohamed Bendary Jonathan Christopher Benjamin Craig J. Biebel Luis A. Bolanos Anna-Kaye Marie Brown Alexander Daryle Busch Duwayne George Anthony Campbell Louis Cappelli III Ashley Jessica Carlo Brian Joseph Carlozzi Maria Camila Carvalho Olarte Tashawni Marjorie Channer Rensa Chen Young Daniel Cho Edward Jiwon Choe Katerina Christodoulides Caroline Rose Consol Karen M. Custodio Alyssa J. D'Astoli Elisha Danzig Jay M. Dave Andrea Carolina Davila Balarezo Rourke Douglas Decker Michael John DeFilippo Monica Diep Christian R. DiLiberto Nkechiyere Nicole Eboka

Nardin Nabil El-Shammaa Mohammed Houssem Elassa Christina Nahed Fanous Lemuel Figueroa Darren William Finn Elizabeth Ann Ford Ioel Grancell Frank • Jegan E. Gabbidon Erin Lynne Gallagher Khushbu Gandhi Mark Ilich Gedrich Garrett Brook Gianneschi Nilufar Godin Ashley Anne Gordon Saloni Goyal Miad Hadaegh Ienna M. Hakim Fareed Ahmad Hamidullah Hossam Edwin Hanna Jacob Aaron Havens Christopher Collin Hayes Richard Michael Herbster Adam Harrison Hirsh Elsie Simon Hobeika Robert James Lum Holm-Kennedy Maryam Hussain Joseph Koby Ifrach Adam M. Jacob Neil Kalpesh Jain Punam Patel Jain Saisaketh Javvaji Matthew Joseph Johnson Jessica Ashley Kabrt Adam Kandil Elad Kasher Aarshitha S. Katta Monica N. Khattak Kevin Kim Ilan Jacob Kokotek Panagiotis L. Koutsoupias Deepa Kumarjiguda Elizabeth Waddington Lagerson Forest Lai Ionathan C. Lee

August 2019

[▲] December 2019

Kristen Alexandra Lee Brvan Charles Lembo Alexandra Maria Lesenskyj Cayanne Liew Kevin Franco Lipat Sulman Mahmood Zamran Parvez Masih Lauren McKay Randy Cohen Michael Shir Miretzky Sumer Elsayed Mohammad Nailah F. Mubin Nora Mustafa Jason Scott Naftulin Gia-Thien H. Nguyen Hayley Anne Norian Alexandra Caroline Nutaitis Joon S. Oh Olisemeka Nwabuoku Okafor Jeffrey R. Ordner III Dorellie Abena Owusu Adesola Folasade Oyewole Elizabeth Anne Packi Urvashi Pandit Leanna Panepinto Aneri M. Patel Meetali Patel Monali Patel Naeem I. Patel Neil Saurabh Patel Sankalp Parimal Patel Shivangi Girish Patel Zeel J. Patel Palak Arvind Patel-Rodrigues Ariana F. Patras Adam Matthew Pearlstein Helene P. Puzio Ahmad Mohammad Qatanani Srushti Raja Chintan D. Rajput Barkha Satish Rana Timothy D. Ripley Jr. Muhammad Scheheryar Rizwan Lenny Mikhael Rostomian David Sweeney Rubin Linnea Chase Russell Patricia Alexandra Russo Raghav Sahni

Christopher William Sandifer Eitan C. Scheinthal • Dhyani R. Shah Ruchi Vyomesh Shah Sarah Marzeah Shahrabi Soroush Shahrokh Robert John Sharkus III Amanda Omadevi Sharma Daniel Shor Manpreet Kaur Sidhu Jeffrey Christopher Sim Lali Singh **Raunak Singh** Isabella Slaby Jessica Ann Snyder Kelvin Yohanes Soewono David Shinwon Song Adam Robert Sturts Kandarp S. Suthar Asad Raza Syed Tirth S. Talati Didem Tan Regina Gloria Thaddeus Jeffrey Allen Thomas Christine Lucille Tichonevicz Danny Bao Hoang Tran Linda Ngoc Tran Nhi Phuong Tran Matthew Voigt Tribble Yukari Ueda-Black Zachary J. Walder Jocelyn Rose Wardlaw Scott Anthony Weismiller Lindsay Alexandra West Kaitlyn Elizabeth Wilkey Patrick James Willard Emily Marie Willson Kyle Joseph Wiseman Jordan David Wohl Aaron T. Wu Doris Yan Xia Keiko Yoshioka Sherry Young John Anthony Zadroga Raza Ahmed Zia

RESIDENCY LOCATION & MEDICAL SPECIALTY

Jennifer Lauren Abrams State University of New York Health Science Center Brooklyn Brooklyn, New York Internal Medicine

Thomas John Ajami St. Joseph's University Medical Center Paterson, New Jersey *Emergency Medicine*

Taiwo Temitope Ajumobi Osteopathic Medical Education Consortium Tulsa, Oklahoma Pediatrics

Teymur Aliyev State University of New York Health Science Center Brooklyn Brooklyn, New York *Physical Medicine and Rehabilitation*

Emmanuel Amofah Jr. Inspira Health Network Vineland, New Jersey Family Medicine

Keith Ryan Anacker Rowan University SOM Stratford, New Jersey Internal Medicine

Kunal Ashok Anandpara Texas Tech University Health Sciences Center–El Paso El Paso, Texas Family Medicine

Nathaniel Aujand Andrews Inspira Health Network Vineland, New Jersey General Surgery

Anthony F. Ascione Orange Regional Medical Center Middletown, New York Emergency Medicine

Sharmin F. Asha Inspira Health Network Vineland, New Jersey Internal Medicine

Anna Arret Ayum St. Barnabas Hospital Bronx, New York *Emergency Medicine* Sarah Nasir Aziz Ocean Medical Center Brick, New Jersey Psychiatry

Aakash Babaria Stony Brook Teaching Hospital Stony Brook, New York Diagnostic Radiology

William Fuller Baker Rowan University SOM Stratford, New Jersey Orthopedic Surgery

Vincent Louis Basile Albert Einstein Medical Center Philadelphia, Pennsylvania Emergency Medicine

Cansu Baycora Rutgers-Robert Wood Johnson Medical School New Brunswick, New Jersey Family Medicine

Sarah Bechay Morristown Memorial Hospital Morristown, New Jersey *Obstetrics-Gynecology*

Leonard Brandon Belotti Inspira Health Network Vineland, New Jersey Emergency Medicine

Ahmed Mohamed Bendary St. Joseph's University Medical Center Paterson, New Jersey *Emergency Medicine*

Jonathan Christopher Benjamin Albert Einstein Medical Center Philadelphia, Pennsylvania Diagnostic Radiology

Craig J. Biebel Ascension Genesys Hospital Grand Blanc, Michigan *General Surgery*

Luis A. Bolanos Sinai Hospital of Baltimore Baltimore, Maryland *Pediatrics*

Anna-Kaye Marie Brown Temple University Hospital Philadelphia, Pennsylvania Anesthesiology Alexander Daryle Busch Albert Einstein Medical Center Philadelphia, Pennsylvania Emergency Medicine

Duwayne George Anthony Campbell Rowan University SOM Stratford, New Jersey *Emergency Medicine*

Louis Cappelli III Thomas Jefferson University Philadelphia, Pennsylvania Radiation Oncology

Ashley Jessica Carlo Jersey Shore University Medical Center Neptune, New Jersey *Pediatrics*

Brian Joseph Carlozzi Health Quest Rhinebeck, New York Family Medicine

Maria Camila Carvalho Olarte St. Joseph's University Medical Center Paterson, New Jersey *Emergency Medicine*

Tashawni Marjorie Channer Temple University Hospital Philadelphia, Pennsylvania Internal Medicine

Rensa Chen Penn State Hershey Medical Center Hershey, Pennsylvania Family Medicine

Young Daniel Cho Christiana Care Newark, Delaware Internal Medicine/Emergency Medicine

Edward Jiwon Choe Temple University Hospital Philadelphia, Pennsylvania Diagnostic Radiology

Katerina Christodoulides Rutgers-Robert Wood Johnson Medical School Piscataway, New Jersey Psychiatry

Caroline Rose Consol Atlantic Health System Morristown, New Jersey *Pediatrics* Karen M. Custodio Albert Einstein Medical Center Philadelphia, Pennsylvania Emergency Medicine

Alyssa J. D'Astoli Cooper Medical School of Rowan University/ Cooper University Hospital Camden, New Jersey *Pediatrics*

Elisha Danzig Rowan University SOM Stratford, New Jersey Internal Medicine

Jay M. Dave Rutgers–Robert Wood Johnson Medical School New Brunswick, New Jersey *Neurology*

Andrea Carolina Davila Balarezo Lower Bucks Hospital Bristol, Pennsylvania Family Medicine

Rourke Douglas Decker Grand Strand Regional Medical Center Myrtle Beach, South Carolina Surgery-Preliminary

Michael John DeFilippo New York Presbyterian Hospitals– Columbia & Cornell New York, New York *Emergency Medicine*

Monica Diep Rowan University SOM Stratford, New Jersey Emergency Medicine

Christian R. DiLiberto Abington Memorial Hospital Abington, Pennsylvania *General Surgery*

Nkechiyere Nicole Eboka Charles R. Drew University Los Angeles, California Family Medicine

Nardin Nabil El-Shammaa Rowan University SOM Stratford, New Jersey Psychiatry

Mohammed Houssem Elassa St. Joseph's University Medical Center Paterson, New Jersey *General Surgery*

Christina Nahed Fanous University of Nevada Las Vegas SOM Las Vegas, Nevada Internal Medicine

Lemuel Figueroa Rowan University SOM Stratford, New Jersey Family Medicine

Darren William Finn Rowan University SOM Stratford, New Jersey Emergency Medicine

Elizabeth Ann Ford Inspira Health Network Vineland, New Jersey Orthopedic Surgery

Joel Grancell Frank Morristown Memorial Hospital Morristown, New Jersey *Obstetrics-Gynecology*

Jegan E. Gabbidon Palmetto General Hospital Hialeah, Florida Family Medicine

Erin Lynne Gallagher Pennsylvania Hospital Philadelphia, Pennsylvania Internal Medicine

Khushbu Gandhi Lehigh Valley Hospital Allentown, Pennsylvania *Psychiatry*

Mark Ilich Gedrich Cooper Medical School of Rowan University/ Cooper University Hospital Camden, New Jersey Diagnostic Radiology

Garrett Brook Gianneschi Rutgers-New Jersey Medical School Newark, New Jersey Child Neurology

Nilufar Godin Hoboken University Medical Center Hoboken, New Jersey Family Medicine Ashley Anne Gordon University of Connecticut School of Medicine Farmington, Connecticut Internal Medicine

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Christopher Collin Hayes Prisma Health–Midlands/ University of South Carolina SOM Columbia Columbia, South Carolina Pediatrics

Richard Michael Herbster Temple University Hospital Philadelphia, Pennsylvania Physical Medicine and Rehabilitation

Adam Harrison Hirsh

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Joseph Koby Ifrach Philadelphia College of Osteopathic Medicine Philadelphia, Pennsylvania Neurological Surgery

Adam M. Jacob George Washington University Washington, DC Internal Medicine

Neil Kalpesh Jain MedStar Georgetown University Hospital Washington, DC Interventional Radiology

Punam Patel Jain Jersey Shore University Medical Center Neptune, New Jersey *Pediatrics*

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Matthew Joseph Johnson Jersey Shore University Medical Center Neptune, New Jersey Psychiatry

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Deepa Kumarjiguda Geisinger Health System Danville, Pennsylvania Internal Medicine

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Kristen Alexandra Lee Rutgers-Robert Wood Johnson Medical School New Brunswick, New Jersey Vascular Surgery

Bryan Charles Lembo Hackensack University Medical Center Hackensack, New Jersey Emergency Medicine

Alexandra Maria Lesenskyj Yale–New Haven Hospital New Haven, Connecticut *Child Neurology*

Cayanne Liew Lehigh Valley Hospital Allentown, Pennsylvania *Pediatrics*

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Sulman Mahmood Zucker SOM–Northwell North Shore Long Island Jewish Manhasset, New York *Emergency Medicine*

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Nora Mustafa New York Medical College– Metropolitan Hospital Center New York, New York Emergency Medicine

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Joon S. Oh Rutgers–Robert Wood Johnson Medical School New Brunswick, New Jersey Diagnostic Radiology

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Jeffrey R. Ordner III New York University Grossman School of Medicine New York, New York Pathology

Dorellie Abena Owusu Carolinas HealthCare System Blue-Ridge Morganton, North Carolina Internal Medicine

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Elizabeth Anne Packi Ocean Medical Center Ocean, New Jersey Family Medicine

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Aneri M. Patel Albert Einstein Medical Center Philadelphia, Pennsylvania Internal Medicine

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Helene P. Puzio Cleveland Clinic Foundation Cleveland, Ohio Internal Medicine

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Muhammad Scheheryar Rizwan State University of New York Health Science Center Brooklyn Brooklyn, New York Physical Medicine and Rehabilitation

Lenny Mikhael Rostomian Temple University Hospital Philadelphia, Pennsylvania Physical Medicine and Rehabilitation

David Sweeney Rubin Thomas Jefferson University Philadelphia, Pennsylvania Anesthesiology

Linnea Chase Russell New York Presbyterian Brooklyn Methodist Hospital Brooklyn, New York Emergency Medicine

Patricia Alexandra Russo Christiana Care Wilmington, Delaware Family Medicine

Raghav Sahni Crozer-Chester Medical Center Upland, Pennsylvania Emergency Medicine

Christopher William Sandifer Rutgers–New Jersey Medical School Newark, New Jersey Internal Medicine

Eitan C. Scheinthal Cooper Medical School of Rowan University/ Cooper University Hospital Camden, New Jersey Internal Medicine

Dhyani R. Shah Penn Highlands Healthcare DuBois, Pennsylvania Family Medicine

Ruchi Vyomesh Shah Boston University Medical Center Boston, Massachusetts Family Medicine

Sarah Marzeah Shahrabi Hunterdon Medical Center Flemington, New Jersey Family Medicine

Soroush Shahrokh Hospital Corporation of America Houston Healthcare/University of Houston Kingwood, Texas Internal Medicine

Robert John Sharkus III Cooper Medical School of Rowan University/ Cooper University Hospital Camden, New Jersey *Neurology*

Amanda Omadevi Sharma Lehigh Valley Hospital Allentown, Pennsylvania Internal Medicine

Daniel Shor Rowan University SOM Stratford, New Jersey Family Medicine

Manpreet Kaur Sidhu University of Pittsburgh Medical Center Pinnacle Hospitals Harrisburg, Pennsylvania Internal Medicine

Jeffrey Christopher Sim Christiana Care Newark, Delaware Diagnostic Radiology

Lali Singh Morristown Memorial Hospital Morristown, New Jersey *Emergency Medicine* Raunak Singh Rowan University SOM Stratford, New Jersey Family Medicine

Isabella Slaby Christiana Care Newark, Delaware Internal Medicine

Jessica Ann Snyder Penn State Hershey Medical Center Hershey, Pennsylvania Family Medicine

Kelvin Yohanes Soewono Methodist Health System Dallas Dallas, Texas Internal Medicine

David Shinwon Song Icahn SOM Elmhurst Hospital Center Elmhurst, New York Internal Medicine

Adam Robert Sturts Penn State Hershey Medical Center Hershey, Pennsylvania Internal Medicine

Kandarp S. Suthar Rutgers-New Jersey Medical School Newark, New Jersey Internal Medicine

Asad Raza Syed Rutgers–New Jersey Medical School Newark, New Jersey Anesthesiology

Tirth S. Talati Hackensack University Medical Center Hackensack, New Jersey Internal Medicine

Didem Tan Hackensack University Medical Center Hackensack, New Jersey Anesthesiology

Regina Gloria Thaddeus St. Luke's Warren Hospital Phillipsburg, New Jersey *Family Medicine*

Jeffrey Allen Thomas New York Presbyterian Hospital– Columbia University Medical Center New York, New York Pathology Christine Lucille Tichonevicz Penn State Hershey Medical Center Hershey, Pennsylvania Pediatrics

Danny Bao Hoang Tran Jersey Shore University Medical Center Neptune, New Jersey Medicine–Preliminary

Linda Ngoc Tran Bryn Mawr Hospital Bryn Mawr, Pennsylvania Family Medicine

Nhi Phuong Tran Inspira Health Network Vineland, New Jersey Obstetrics-Gynecology

Matthew Voigt Tribble Albany Medical Center Albany, New York Anesthesiology

Yukari Ueda-Black University of Connecticut School of Medicine Farmington, Connecticut Family Medicine

Zachary J. Walder Cooper Medical School of Rowan University/ Cooper University Hospital Camden, New Jersey Internal Medicine

Jocelyn Rose Wardlaw Children's National Medical Center Washington, DC Pediatrics

Scott Anthony Weismiller Penn State Hershey Medical Center Hershey, Pennsylvania Internal Medicine

Lindsay Alexandra West Crozer-Chester Medical Center Upland, Pennsylvania Obstetrics-Gynecology

Kaitlyn Elizabeth Wilkey Icahn SOM at Mount Sinai New York, New York Physical Medicine and Rehabilitation

Patrick James Willard Virginia Commonwealth University Health System Richmond, Virginia Internal Medicine Emily Marie Willson Nazareth Hospital Philadelphia, Pennsylvania Emergency Medicine

Kyle Joseph Wiseman Jersey Shore University Medical Center Neptune, New Jersey Internal Medicine

Jordan David Wohl Tower Health/Reading Hospital West Reading, Pennsylvania Emergency Medicine

Aaron T. Wu Nassau University Medical Center East Meadow, New York *Emergency Medicine*

Doris Yan Xia New York University Grossman School of Medicine New York, New York *Neurology*

Keiko Yoshioka Harbor–University of California at Los Angeles Medical Center Torrance, California *Pediatrics*

Sherry Young Morristown Memorial Hospital Morristown, New Jersey Family Medicine

John Anthony Zadroga Mayo Clinic School of Graduate Medical Education Eau Claire, Wisconsin Family Medicine

AWARD RECIPIENTS

SCHOOL OF OSTEOPATHIC MEDICINE HONORS

Christian R. DiLiberto	Alumni Association Leadership Award
Karen M. Custodio	Community Service Award
William Fuller Baker	New Jersey Association of Osteopathic Physicians and Surgeons Award For Excellence in Osteopathic Medicine
Neil Kalpesh Jain Christian White, D.O.'07 (faculty recipient)	The Leonard Tow Humanism in Medicine Awards presented by The Arnold P. Gold Foundation

SCHOOL OF OSTEOPATHIC MEDICINE ACADEMIC HONORS

Adam Matthew Pearlstein	Outstanding Achievement in Cell Biology & Neuroscience
Bryan Charles Lembo	Outstanding Achievement in Emergency Medicine
William Fuller Baker	Outstanding Achievement in Family Medicine
Helene P. Puzio	Outstanding Achievement in Geriatrics
Palak Arvind Patel-Rodrigues	Outstanding Achievement in Internal Medicine
Jonathan C. Lee	Outstanding Achievement in Medical Humanities
Jeffrey Allen Thomas	Outstanding Achievement in Molecular Biology
Alexandra Caroline Nutaitis	Outstanding Achievement in Obstetrics and Gynecology
Karen M. Custodio	Outstanding Achievement in Osteopathic Manipulative Medicine
Nailah Fathima Mubin	Outstanding Achievement in Pathology
Christine Lucille Tichonevicz	Outstanding Achievement in Pediatrics
Teymur Aliyev	Outstanding Achievement in Physical Medicine and Rehabilitation
Leanna Panepinto	Outstanding Achievement in Primary Care
Nardin Nabil El-Shammaa	Outstanding Achievement in Psychiatry
Linnea Chase Russell	Outstanding Achievement in Surgery
Helene P. Puzio	Dean's Award
Erin Lynne Gallagher	President's Award

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES ACADEMIC HONORS

Stephany McDonald	Outstanding Academic Achievement in Master of Biomedical Sciences
Alexander Anthony Ciaciarelli	Outstanding Academic Achievement in Master of Science
Shawna Rotoli	Outstanding Achievement in Doctoral Research

GOLD HUMANISM HONOR SOCIETY

Thomas John Ajami William Fuller Baker Cansu Baycora Leonard Brandon Belotti Karen M. Custodio Michael John DeFilippo Christian R. DiLiberto Nardin Nabil El-Shammaa Erin Lynne Gallagher Miad Hadaegh Christopher Collin Hayes Adam Harrison Hirsh Neil Kalpesh Jain Panagiotis L. Koutsoupias Deepa Kumarjiguda Jonathan C. Lee Zamran Parvez Masih Lauren McKay Adam Matthew Pearlstein Helene P. Puzio Ruchi Vyomesh Shah Nhi Phuong Tran Scott Anthony Weismiller Kaitlyn Elizabeth Wilkey Aaron T. Wu Doris Yan Xia Keiko Yoshioka

THE GONFALONS

Among the most visible elements of academic pageantry are the gonfalons, which represent each of the Colleges and Schools in the University. Acting as the College or School Marshal, the senior member of the faculty in each division bears the gonfalon in academic processions.

All Rowan gonfalons have in common several elements that symbolize the unified mission of the institution's seven colleges and five schools. Among the common elements are the school colors, brown and gold, derived from the Browneyed Susans that grew wild in the orchard that was part of the original Whitney estate where the main campus now is situated. Also in common is the oak swag, inspired by the stately oaks that shade the Glassboro campus and symbolize long life, strength and endurance. Within the shield, the owls suggest the pedagogical heritage of the University. According to heraldic code, their posture—shown in profile with inverted, addorsed wings and with both feet on the ground—suggests a collegial relationship, positive demeanor, readiness and intent to rise with purpose. Following the pattern of the University seal engraving, beneath each college shield is a motto in Latin, the classic international language of scholarship and thought.

Within the shield on each gonfalon is imagery specific to each College and School. Rowan student and alumni artists created the art after extensive research. Commissioned to design banners that would efficiently represent the many diverse disciplines and philosophies of study in the Colleges and Schools, the University's illustration and design team turned to traditional symbols, mythology and metaphors to create historically meaningful imagery that would be relevant today and in the future.



GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

Inspired by the idea of unraveling the mysteries of life sciences, the art on the gonfalon for the Graduate School of Biomedical Sciences depicts the study of the entire genome as illustrated by the chromosome and the DNA double helix. The book reminds the observer of the goal described in the School's mission statement: to develop scientists who will contribute new knowledge in the biomedical disciplines through creative research and scholarship. As they unravel complexities in the biomedical sciences through experimentation and analysis, scholars and researchers illustrate the method and results of their work as described in the GSBS motto, "Inquisitio et Inventio ad Methodorum Novarum Petendum": "research and discovery for the purpose of innovation."



SCHOOL OF OSTEOPATHIC MEDICINE

The School of Osteopathic Medicine gonfalon contains images that represent the school's mission to provide excellence in medical education, research and health care for New Jersey and the nation. The Rod of Asclepius, a staff encircled by a snake, evokes the traditional symbol of the Greek god of medicine revered for his power to heal. The DNA helix acknowledges the molecular basis of all being as examined by SOM students, researchers and physicians. Combined, the two symbols indicate the school's commitment to serve and lead as professionals inspired and informed by SOM's rich research heritage in social, behavioral, clinical and basic sciences. The SOM motto is "Teaching the next generation, treating every generation."

SCHOOL OF OSTEOPATHIC MEDICINE AND GRADUATE SCHOOL OF BIOMEDICAL SCIENCES ADMINISTRATION

Thomas A. Cavalieri, D.O. *Dean*

Philip J. Mesisca, м.в.а. Chief Operating Officer

Michael Rieker Chief Financial Officer

Pamela Basehore, ED.D. Associate Dean for Assessment

Linda Boyd, D.O.'84 Senior Associate Dean for Academic Affairs

Millicent Channell, D.O. Assistant Dean for Curriculum

Vincent J. DeRisio, D.O. Associate Dean for Clinical Affairs & Population Health Medical Director, Rowan Medicine Department Chair, Pathology

Carl E. Hock, Ph.D. Senior Associate Dean for Research and Graduate School of Biomedical Sciences

Joanne Kaiser-Smith, D.O.'84 Associate Dean for Graduate Medical Education

Kathryn C. Lambert, D.O. Assistant Dean for Student Affairs

Dean A. Micciche, M.P.A. Assistant Dean for Student Programs and Alumni Engagement

George J. Scott, D.O.'97, D.P.M. Associate Dean, Sewell Campus & Clinical Education

Paula Watkins, м.н.s. Assistant Dean for Admissions Louis Balsama, D.O.'99 Department Chair, Surgery

Salvatore Caradonna, рн.д. Department Chair, Molecular Biology

Anita Chopra, м.D. Department Chair, Geriatrics & Gerontology Director, New Jersey Institute for Successful Aging

Danielle Cooley, D.O.'07 Department Chair, Osteopathic Manipulative Medicine

Joshua S. Coren, D.O. Department Chair, Family Medicine

Adam Holzberg, d.o. Department Chair, Obstetrics & Gynecology

Richard Jermyn, D.O. Department Chair, Rehabilitation Medicine Director, NeuroMusculoskeletal Institute

Tanya Kadrmas-Iannuzzi, D.O.'99 Acting Department Chair, Pediatrics

Francis L. Levin, D.O. Department Chair, Emergency Medicine

Thomas F. Morley, D.O. Department Chair, Internal Medicine

Stephen M. Scheinthal, D.O.'91 Department Chair, Psychiatry

Barry D. Waterhouse, рн.D. Department Chair, Cell Biology & Neuroscience

Martin A. Finkel, D.O. Director, CARES Institute

Diane M. Worrad, рн.D. Director, Graduate School of Biomedical Sciences