Commencement 2017

Tuesday, May Thirtieth Two Thousand and Seventeen

6:30 p.m.

The Jesse H. Jones Hall for the Performing Arts
615 Louisiana
Houston, Texas



THE COMMENCEMENT PROCESSION

Chairman of the Board of Trustees and the Commencement Speaker
President of the College of Medicine and Honored Guests
Chancellor Emeritus
Provost
Deans of the College
Associate Provosts

Chairs of Academic Departments and Center Directors

Trustees of the College
Professors of the College
Associate Professors of the College
Assistant Professors of the College
Instructors of the College

Candidates for the Degree of Doctor of Philosophy and Faculty Advisors

Candidates for the Degree of Doctor of Medicine



Significance of the Colors of the Academic Regalia

The color of the velvet edging of the hood and gown indicates the degree; in the lining of the hood are the college colors of the institution that conferred the degree.

The hood and gown of the Doctor of Philosophy has a blue velvet edging;

Doctor of Medicine, green; both Doctor of Divinity and Doctor of Theology, scarlet;

Doctor of Laws, purple; Doctor of Science, golden yellow;

Doctor of Letters and Humanities, white; and Doctor of Dentistry, lilac.

PROGRAM

Processional
Welcome
Introductions and Remarks
Presiding
Remarks by the Student Representative
Graduate School of Biomedical Sciences
Remarks by the President of the Graduating Class
School of Medicine
Introduction of Awardees
Presentation of Distinguished Service Award
Dr. James. L. Phillips
Senior Associate Dean of Diversity and Community Outreach
Office of Institutional Diversity and Inclusion
Conferring of Honorary Degrees
Doctor of Humanities in Medicine

Dr. Jyoti Malhan Principal, Baylor College of Medicine Academy at Ryan

Dr. Marc Nivet Executive Vice President of Institutional Advancement University of Texas Southwestern Medical Center

Marc J. Shapiro Non-Executive Chairman, Chase Bank of Texas

Doctor of Letters in Medicine

Dr. Norbert W. Bischofberger Chief Scientific Officer, Gilead Sciences, Inc.

John E. Whitmore Lecture Commencement Address
Presentation of the Candidates for the Degree Doctor of Philosophy
Dr. Adam Kuspa
Interim Dean, Graduate School of Biomedical Sciences
Conferring of Degrees
Administration of the Hippocratic Oath
Presentation of the Candidates for the Degree Doctor of Medicine
Dr. Jennifer Christner
Dean, School of Medicine
Conferring of Degrees
Benediction
Recessional

Investing Marshals

Dr. William A. Phillips, Professor of Orthopedic Surgery Dr. Lorraine Potocki, Professor of Molecular and Human Genetics Dr. LeChauncy Woodard, Associate Professor of Medicine

The John E. Whitmore Endowed Lectureship

Mrs. Clara Whitmore established the John E. Whitmore Endowed Lectureship in 1987 as a perpetual tribute to the lifetime accomplishments of her late husband, John E. Whitmore; his service as a Trustee of Baylor College of Medicine; and his interest in medical education, research and healthcare. Mrs. Whitmore further enhanced the endowment in 1993.

The College lost a dear friend with her death in 2010.

JAMES L. PHILLIPS, M.D.

James L. Phillips, M.D., is Senior Associate Dean and Professor of Pediatrics at Baylor College of Medicine in the Office of Institutional Diversity and Inclusion.

Dr. Phillips is an expert in establishing cultural diversity in postsecondary institutions. He originated and directed the Health Careers Enhancement Program for Minorities at Case Western Reserve University School of Medicine from 1988 to 1993. Dr. Phillips was then recruited to Baylor College of Medicine primarily to improve cultural diversity.

He has been instrumental in helping the College to achieve premier status with regard to recruiting students underrepresented in medicine. As a result, the institution graduated its first African-American M.D./Ph.D. student in 2002.

Dr. Phillips strives to provide students of all ages with opportunities that will ignite their interest and understanding of science and medicine, with the hope that they will work toward a career in the biosciences.

He founded the Saturday Morning Science Program at Baylor College of Medicine to promote interest in sciences among young adults. This program is designed to motivate inner city students from the 7th to the 12th grade by exposing them to sessions led by physicians, scientists, astronauts and medical and graduate students. He also is the coordinator for the high school students working at Baylor College of Medicine each summer and provides them with a weekly enrichment seminar to complement their research experience.

He received a Bachelor of Arts degree from Washington & Jefferson College in Pennsylvania and his medical degree from Case Western Reserve University. He completed an internship at University Hospitals of Cleveland and residency training at Rainbow Babies and Children's Hospital of Cleveland, Ohio.

Norbert W. Bischofberger, Ph.D.

Nortbert Bischofberger, Ph.D., joined Gilead Sciences in 1990 as Director of Organic Chemistry. He currently serves as the Executive Vice President of Research and Development and Chief Scientific Officer. Gilead Sciences, Inc. is a research-based biopharmaceutical company that discovers, develops and commercializes innovative medicines in areas of unmet medical need. Gilead's portfolio of products and pipeline of investigational drugs includes treatments for HIV/AIDS, liver diseases, cancer, inflammatory and respiratory diseases and cardiovascular conditions.

From 1986 to 1990, Dr. Bischofberger was in Genetech's Molecular Biology Group.

Dr. Bischofberger received his Bachelor of Science degree in chemistry at the University of Innsbruck in Austria, and his doctorate in organic chemistry at the Eidgenössische Technische Hochschule in Zurich, Switzerland. He conducted postdoctoral work at Harvard University.

He has authored more than 120 publications and is the inventor of 20 patents. He also is a member of the American Chemical Society, the International Society for Antiviral Research, the American Association for the Study of Liver Diseases, the American Association for the Advancement of Science and the American Society for Microbiology.

Dr. Bischofberger was one of the inventors of the antiviral drug Tamiflu, generically known as oseltamivir, the first oral medication to treat influenza. He led a team that developed the drug in the 1990s.

JYOTI MALHAN, PH.D.

Jyoti Malhan, Ph.D., is the Founding Principal of Baylor College of Medicine Academy at Ryan, a medical magnet middle school in the Houston Independent School District. As the founding principal, Dr. Malhan recruited students and faculty members through comprehensive city-wide efforts to successfully launch the school in a period of just three months.

A native of northern India, Dr. Malhan knew from an early age that she wanted to become a teacher committed to serving students from diverse backgrounds. In 2003, she moved to Houston for a teaching job in a district where she learned much about the struggles that children face in poverty-stricken school districts.

She was named the magnet coordinator for Booker T. Washington High School for Engineering Professions in the Houston Independent School District in 2008 and co-founder and dean of instruction at the Young Women's College Preparatory Academy in HISD in 2011. From there, she accepted the position as founding principal of the HISD- and Baylor-supported Baylor College of Medicine Academy at Ryan.

The school received an A+ rating from Children At Risk and has been the recipient of all seven Texas Education Agency distinctions. In 2016, Dr. Malhan was named a finalist for HISD Principal of the Year.

She received a Bachelor of Science degree in botany, with honors, from the University of Delhi, a Master of Arts in English from Panjab University in Chandigarh, India, and a Master of Education in educational administration from Texas Southern University. She earned a doctorate in curriculum and instruction from Texas A&M University.

MARC J. SHAPIRO

Marc Shapiro is a native Houstonian who completed his undergraduate work at Harvard University and received his M.B.A. from Stanford Business School.

Mr. Shapiro began his banking career in 1972 at Texas Commerce Bank, with his progression through the Texas Commerce organization including service as chief financial officer beginning in 1977. In 1989, after the bank was purchased by J.P. Morgan Chase, he was named chief executive officer of the statewide organization. He moved to New York to work for the parent company in 1997 as vice chairman for finance and risk management.

He returned to Houston in 2003 and currently serves as Non-Executive Chairman of Chase Bank of Texas. He also is a director of Kimberly-Clark Corp., the Mexico Fund and Weingarten Realty Investors.

Mr. Shapiro has a long history of community involvement. During his career, he has served as Chairman of the Greater Houston Partnership, Chairman of the Houston United Way Campaign, founding Chairman of the Hobby Center for the Performing Arts and a member of the Board of Trustees for Rice University. He currently serves on the Board of Advisors of the James A. Baker III Institute for Public Policy at Rice.

A strong believer in the importance of the Texas Medical Center, he is past chairman of the Board of Trustees of Baylor College of Medicine and past chairman of the Board of Visitors of MD Anderson Cancer Center and continues to serve on the boards of both institutions. He also currently serves as chairman of the board of the Baylor St. Luke's Medical Center. His past board service includes the Menninger Clinic, Sabin Vaccine Institute, Texas Medical Center, BioHouston and the Harris County Hospital District.



The Roy and Lillie Cullen Building

The Baylor University College of Medicine moved to Houston in 1943 from Dallas to launch the proposed Texas Medical Center. The building to house Baylor's medical school was named after Hugh Roy and Lillie Cullen who moved to Houston in 1911 and made their fortune in oil. The Cullen Foundation's first check was written in 1947 to fund the new medical building. Architects Hedrick and Lindsley designed the building with modern deco elements and Texas cream limestone. A portico was added in 1982 to enhance the main entrance. The Cullen building remains at the heart of the Texas Medical Center.

Recorded Texas Historic Landmark - 2014

COMMENCEMENT SPEAKER



MARC A. NIVET, Ed.D., MBA

Executive Vice President of Institutional Advancement University of Texas Southwestern Medical Center

Dr. Marc Nivet, Executive Vice President of Institutional Advancement at The University of Texas Southwestern Medical Center, previously served as the Chief Diversity Officer for the Association of American Medical Colleges. In his current role, he is responsible for developing and overseeing a comprehensive and coordinated strategic agenda to promote and advance UT Southwestern's mission and goals.

As Chief Diversity Officer for the AAMC, he provided strategic and programmatic leadership on issues surrounding community engagement, diversity and health equity at universities, medical schools and teaching hospitals across the United States and Canada.

Dr. Nivet has spent more than 20 years in academic medicine developing creative program initiatives and innovative approaches to the mission of excellence in research, education and patient care.

Prior to joining the AAMC, Dr. Nivet served as the Chief Operating Officer and Treasurer for the Josiah Macy, Jr. Foundation, which fosters innovation in health professional education that aligns workforce training with the dynamic needs of patients. He also served as a special assistant to the Senior Vice President for Health at New York University, and held management positions with the Sallie Mae Fund and the Associated Medical Schools of New York.

Dr. Nivet holds a Bachelor of Science in Communication Studies from Southern Connecticut State University; a Master of Science in Higher Education and Student Development from Long Island University, CW Post Campus; a Doctorate in Higher Education Management from the University of Pennsylvania School of Education; and a Master of Business Administration in Health Care Management from George Washington University School of Business.

He has held faculty positions at New York University, Hofstra University, Georgetown University and the University of Mississippi Medical Center, and he has received numerous grant awards.

Candidates for the Degree, Doctor of Philosophy

SAMIRKUMAR B. AMIN

M.B.B.S., Maharaja Sayajirao University of Baroda Ph.D., Structural and Computational Biology and Molecular Biophysics Advisor: Roeland G.W. Verhaak, Ph.D. Dissertation: "Long NonCoding RNA Interactions in Cancer"

Truston J. Bodine

B.A., The University of Utah
Ph.D., Translational Biology and Molecular Medicine
Advisor: Lynn Zechiedrich, Ph.D.
Dissertation: "Genetic Characterization of Multidrug-Resistant Clinical Isolates and
Investigation of the Resistance-Associated Ligase B Gene"

JASON CHRISTOPHER BURTON

B.S., Brigham Young University
Ph.D., Integrative Molecular and Biomedical Sciences
Advisor: Irina V. Larina, Ph.D.
Dissertation: "Development of Novel OCT Imaging Approaches for Investigations of the Female
Reproductive Tract"

JAMES CHRISTOPHER CAMPBELL

B.S., Texas State University
M.S., Texas State University
Ph.D., Structural and Computational Biology and Molecular Biophysics
Advisor: Choel W. Kim, Ph.D.

Dissertation: "Biophysical Characterization of PKG II Highlights the Need for Novel Chemical Tools in cGMP Signaling"

ZHIJUAN CAO

M.D., Yangzhou University Medical College
M.S., Nanjing Medical University
Ph.D., Cardiovascular Sciences
Advisor: Sean P. Marrelli, Ph.D.
Dissertation: "Targeting the Capsaicin Receptor for Therapeutic
Hypothermia in Ischemic Stroke"

ANGELA NICOLE CARTER

B.A., Florida Atlantic University Ph.D., Neuroscience Advisor: Anne E. Anderson, M.D.

Dissertation: "Determining the Role of PI3K/Akt/mTOR Signaling in Seizure-Induced Memory Impairments, Spine Dysmorphology, and Electrographic Perturbations in Rats"

LESLEY S. M. CHABOUB

B.S., University of Versaillles-St. Quentin en Yvelines M.S., Purdue University Ph.D., Developmental Biology Advisor: Benjamin Deneen, Ph.D.

Dissertation: "Probing Gliogenesis: The Link Between Development and Neurological Disorders"

KUCHUAN CHEN

B.S., National Tsing Hua University
Ph.D., Developmental Biology
Advisor: Hugo J. Bellen, D.V.M., Ph.D.
Dissertation: "Drosophila Model of Friedreich's Ataxia"

CHI AN ANGIE CHIANG

B.S., Massachusetts Institute of Technology
Ph.D., Neuroscience
Advisor: Joanna L. Jankowsky, Ph.D.
Dissertation: "The Role of Amyloid in Cognitive Decline and Strategies for Treatment of Alzheimer's Disease"

MATTHEW R. COLLINSON-PAUTZ

B.A., Augustana College
Ph.D., Translational Biology and Molecular Medicine
Advisor: David M. Spencer, Ph.D.
Dissertation: "Genetic Adjuvants and Dendritic Cell Targeting: Assessment and Underlying Mechanisms in Therapeutic Cancer Vaccines"

SHAUN MICHAEL DAVIS

B.A., Lake Forest College Ph.D., Molecular and Human Genetics Advisor: Herman A. Dierick, M.D.

Dissertation: "Forward and Reverse Genetic Approaches to Identify Molecular Mechanisms Underlying Aggressive Behavior"

ADETUTU TAIWO EGUNSOLA

B.S., Lafayette College Ph.D., Molecular and Human Genetics Advisor: Brendan Lee, M.D., Ph.D.

Dissertation: 'The Roles of DDRGK1 and HIF3 alpha in Cartilage Development and Diseases'

JOSEPH MARIO FACHINI

B.S., University of West Georgia Ph.D., Molecular Physiology and Biophysics Advisor: Joel R. Neilson, Ph.D.

Dissertation: "Post-Transcriptional Regulation of KRAS by HuR Impacts Proliferation and Apoptosis at Late Stages of T Lymphocyte Activation"

XIANG FENG

B.S., Fudan University Ph.D., Pharmacology Advisor: Patrick Barth, Ph.D.

Dissertation: "Analysis of Membrane Protein Topology and Design of Ligand Binding GPCRs"

VITOR FERREIRA ONUCHIC

B.A., Universidade de São Paulo
M.Sc., Universidade de São Paulo
Ph.D., Structural and Computational Biology and Molecular Biophysics
Advisor: Aleksandar Milosavljevic, Ph.D.
Dissertation: "A Less Convoluted View of Human Epigenomes Reveals Interactions
Between Cell Types and Functional Effects of Genetic Variants"

TIFFANY CHANTAL FLEET

B.S., University of Maryland-Baltimore County Ph.D., Translational Biology and Molecular Medicine Advisor: Bert W. O'Malley, M.D.

Dissertation: "Steroid Receptor Coactivator 2: Metabolic Implications for Human Health and Disease"

MICHAEL DAVID FOUNTAIN, JR.

B.S., University of Houston
Ph.D., Translational Biology and Molecular Medicine
Advisor: Christian P. Schaaf, M.D., Ph.D.
Dissertation: "The Role of MAGEL2 in Neurobehavioral Disorders"

Pablo Riera Freire

B.S., Universidade Federal do Rio de Janeiro M.S., National Laboratory for Scientific Computing Ph.D., Molecular and Cellular Biology Advisor: Orla M. Conneely, Ph.D.

Dissertation: "Disruption of Nr4a1 and Nr4a3 Expression in Hematopoietic Stem Cells Leads to a Pre-Leukemic State Marked by Hyper-Proliferation, Inflammation and DNA Damage"

Daniel G. Fuja

B.S., Brigham Young University
M.S., Brigham Young University
Ph.D., Integrative Molecular and Biomedical Sciences
Advisor: Jason T. Yustein, M.D., Ph.D.

Dissertation: "Altered Gene Expression and Phenotype in Osteosarcoma Metastasis"

Paul Thomas Fullerton, Jr.

B.S., Duke University Ph.D., Molecular and Human Genetics Advisor: Martin M. Matzuk, M.D., Ph.D.

Dissertation: "Investigation of TGF Beta Family Signaling Pathways in Cancer, Pregnancy, and Drug Discovery"

MARY ELIZABETH GIRARD

B.S., University of Nevada, Las Vegas
Ph.D., Molecular Virology and Microbiology
Advisor: Christophe Herman, Ph.D.

Dissertation: "Bioengineering Antimicrobial Probiotics by Exploiting Conjugation to Deliver Lethal Elements such as Toxin-Antitoxin Systems and CAS9 Nuclease"

Nele A.T. Haelterman

B.Sc., Katholieke Universiteit Leuven M.Sc., Katholieke Universiteit Leuven Ph.D., Developmental Biology Advisor: Hugo J. Bellen, D.V.M., Ph.D.

Dissertation: "A Streamlined Whole Genome Sequencing Strategy Identifies Mutations in ariadne-1, a Parkin-like E3 Ligase that Controls Subcellular Nuclear Localization"

MEADE ELSPETH HALLER

B.S., University of Denver Ph.D., Molecular and Cellular Biology Advisor: Dolores J. Lamb, Ph.D.

Dissertation: "Identifying Copy-Variant Genes Responsible for Congenital Genitourinary Defects"

MARK PATRICK HAMILTON

B.A., Austin College Ph.D., Molecular and Cellular Biology Advisor: Sean E. Mcguire, M.D., Ph.D.

Dissertation: "Use of Argonaute Crossslinking Immunoprecipitation to Define MicroRNA Targeting in Cancer"

ZONGXIAO HE

B.S., University of Science and Technology of China Ph.D., Molecular and Human Genetics Advisor: Suzanne M. Leal, Ph.D.

Dissertation: "Rare Variant Extensions of the Family-Based Association Tests with Application to Next-Generation Sequencing Data"

ALEXANDER MICHAEL HERMAN

B.S., Marymount University M.S., Georgetown University Ph.D., Developmental Biology Advisor: Benjamin R. Arenkiel, Ph.D.

Dissertation: "Circuits and Satiety: Insight into the Cholinergic Modulation of Feeding"

ANTENTOR OTHRELL HINTON, JR.

B.S., Winston-Salem State University
Ph.D., Integrative Molecular and Biomedical Sciences
Advisor: Yong Xu, M.D., Ph.D.

Dissertation: "Estrogen Receptor Alpha and Steroid Receptor Co-Activator-1 are Important for Blood Pressure Control"

BENJAMIN DANIEL HORNSTEIN

B.S., Brandeis University M.S., Brandeis University Ph.D., Molecular Virology and Microbiology Advisor: Lynn Zechiedrich, Ph.D.

Dissertation: "Effects of Circular DNA Vector Length on Transfection Efficiency via Electroportation and Single Nucleotide Polymorphism in Escherichia Coli DNA Repair Gene Mutum Affects Function by Altering Protein Stability"

HSIANG-TING HSU

B.S., National Tsing Hua University
M.S., National Yang Ming University
Ph.D., Immunology

Advisor: Jordan S. Orange, M.D., Ph.D.

Dissertation: "Lytic Granule Convergence in Natural Killer Cell Cytotoxicity"

REDWAN UL HUQ

B.S., University of Maryland-College Park Ph.D., Molecular Physiology and Biophysics Advisor: Christine Beeton, Ph.D.

Dissertation: "Antioxidant Carbon Nanomaterials to Treat T Lymphocyte-Mediated Autoimmune Disease"

AMY MARIE HURWITZ

B.S., University of Southern California Ph.D., Translational Biology and Molecular Medicine Advisor: Timothy G. Palzkill, Ph.D.

Dissertation: "Identification and Characterization of Novel Phage-Displayed Reagents for Norovirus Detection"

AKASH KUMAR KAUSHIK

B.Tech., National Institute of Technology M.S., Stephen F. Austin State University Ph.D., Biochemistry and Molecular Biology Advisor: Arun Sreekumar, Ph.D.

Dissertation: "Insights into Rewired Metabolism in Prostate Cancer"

ROBERT LAYNE KRUSE

B.S., Yale University
Ph.D., Translational Biology and Molecular Medicine
Advisor: Karl-Dimiter Bissig, M.D., Ph.D.

Dissertation: "Development of Novel Animal Models and Therapies for Chronic Hepatitis B Virus Infection"

STEPHANIE MARIE KYLE

B.S., Eckerd College Ph.D., Molecular and Human Genetics Advisor: Monica J. Justice, Ph.D.

Dissertation: "Metabolic Regulation by Mecp2 Points to New Therapeutic Targets in Rett Syndrome"

Kyle Joseph Edward Lewis

B.S., Wright State University Ph.D., Molecular and Cellular Biology Advisor: Nikolai A. Timchenko, PhD.

Dissertation: "The Role of CUGBP1 and Gankyrin in Liver Regeneration and Cancer"

CHENG-LIN LI

B.S., National Tsing Hua University M.S., National Tsing Hua University Ph.D., Molecular and Human Genetics Advisor: Gad Shaulsky, Ph.D.

Dissertation: "Kin Recognition and Altruism in Dictyostelium Discoideum"

Tongchao Li

B.S., Tsinghua University Ph.D., Developmental Biology Advisor: Hugo J. Bellen, D.V.M., Ph.D.

Dissertation: "Ubr3 Plays a Pleiotropic Role in Eye, Hearing Organ, and Trichome Development"

ANGEL YVETTE LOPEZ

B.S., Biology, University of Texas at San Antonio Ph.D., Molecular and Human Genetics Advisor: Edward C. Cooper, M.D., Ph.D. Dissertation: "Ankyrin-G in Epilepsy-Mood Disorder Co-Morbidity"

HENGYU LU

B.Sc., The Hong Kong Polytechnic University Ph.D., Integrative Molecular and Biomedical Sciences Advisor: Kenneth L. Scott, Ph.D.

Dissertation: "Engineering and Functional Characterization of Chromosomal Rearrangements in Cancer"

Hsiang-Chih Lu

M.D., National Taiwan University Ph.D., Developmental Biology Advisor: Huda Y. Zoghbi, M.D.

Dissertation: "The Physiological Functions of ATXN1-CIC Complex During Development and in Spinocerebellar Ataxia Type 1"

MIGUEL ALEJANDRO MARIN

B.A., University of St. Thomas Ph.D., Neuroscience Advisor: Matthew Rasband, Ph.D.

Dissertation: "Disruption and Reassembly of Axon Initial Segments and Nodes of Ranvier in CNS Injury and Disease"

SHRENIK CHETAN MEHTA

B.Pharm., Mumbai University
M.S., Virginia Commonwealth University
Ph.D., Pharmacology
Advisor: Timothy G. Palzkill, Ph.D.

Dissertation: "Examination of the Catalytic Mechanism of KPC-2 Beta-Lactamase and Engineering A Protein Inhibitor Against The Drug Resistance Enzyme PBP2a"

Daniel Mendoza

B.S., Universidad Peruana Cayetano Heredia M.D., Universidad Peruana Cayetano Heredia Ph.D., Clinical Scientist Training Program Advisor: David B. Corry, M.D.

Dissertation: "A Novel Role of Dendritic Cells in Pneumococcal Vaccine Responses"

TERESA MONKKONEN

B.S., Rice University
Ph.D., Molecular and Cellular Biology
Advisor: Michael T. Lewis, Ph.D.

Dissertation: "Epithelial, Stromal and Systemic Functions of Patched 1 in Mammary Gland Development"

JACLYN BRAVO MURRY

B.S., Texas A&M University
B.S., The University of Texas Health Science Center at San Antonio
Ph.D., Molecular and Human Genetics
Advisor: Ignatia B. Van den Veyver, M.D.

Dissertation: "The Influence of Adverse Developmental Exposures on the Shank3 Mutant
Mouse Phenotype"

CHINH THI QUYNH NGUYEN

B.S., The University of Texas at Austin Ph.D., Molecular Virology and Microbiology Advisor: Anthony W. Maresso, Ph.D.

Dissertation: "A Metabolomic Approach to Analyzing Mammalian Immune Systems During Anthrax Disease"

DEREK STEVEN O'NEIL

B.S., Brigham Young University
Ph.D., Translational Biology and Molecular Medicine
Advisor: Kjersti Aagaard, M.D., Ph.D.
Dissertation: "The Fetal Hepatic Circadian Gene Npas2 and its Role in Satiety and Obesity"

MAHA PRAFUL PATEL

B.S., University of Illinois at Urbana-Champaign
M.S., Johns Hopkins University
Ph.D., Translational Biology and Molecular Medicine
Advisor: Timothy G. Palzkill, Ph.D.

Dissertation: "Molecular Basis of the Evolution of Antibiotic Resistance in CTX-M Beta-Lactamases"

VICTOR GEORGE PIAZZA

B.S., University of Wisconsin-River Falls Ph.D., Cardiovascular Sciences Advisor: Mary E. Dickinson, Ph.D.

Dissertation: "Using Optical Projection Tomography and Lightsheet Fluorescence Microscopy to Characterize the Requirement of Ascc2 in Development of the Post-Implantation Mouse Embryo"

GEETALI PRADHAN

B. Tech., Sathyabama University M.S., University of Connecticut Ph.D., Translational Biology and Molecular Medicine Advisor: Yuxiang Sun, M.D., Ph.D.

Dissertation: "The Role of Growth Hormone Secretagogue Receptor (GHS-R) in Insulin Secretion"

ANN PEPPER QUICK

B.A., Baylor University
Ph.D., Cardiovascular Sciences
Advisor: Xander H.T. Wehrens, M.D., Ph.D.
Dissertation: "The Roles of JPH2 and SPEG in the Junctional Membrane Complex in
Cardiac Health and Disease"

JOEL PATRICK QUIROS

B.S., Northwestern State University
Ph.D., Integrative Molecular and Biomedical Sciences
Advisor: Olivier Lichtarge, M.D., Ph.D.

Dissertation: "Functional Prediction and Characterization of the Plasmodium falciparum Protein EXP1"

JUSTIN MICHAEL ROBERTS

B.S., Lander University
Ph.D., Molecular and Cellular Biology
Advisor: Nancy L. Weigel, Ph.D.

Dissertation: "The Role of Vitamin D Receptor Activation and Vitamin D Metabolism in Prostate Cancer"

PERLA JANET RODRIGUEZ

B.S., St. Mary's University
M.C.T.M., University of St. Thomas
Ph.D., Integrative Molecular and Biomedical Sciences
Advisor: Henry J. Pownall, Ph.D.

Dissertation: "Metabolic and Clearance Mechanisms of Lipoproteins Produced by Streptococcal Serum Opacity Factor Activity Against Human High Density Lipoproteins"

JASDEEP SINGH SABHARWAL

B.A., University of California, Berkeley
Ph.D., Neuroscience
Advisor: Samuel M. Wu, Ph.D.
Dissertation: "Determining the Distinct Retinal Circuits Shaping Mouse Visual Processing in Normal and Diseased States"

REBECA SAN MARTIN

B.S., Oakland University M.S., Oakland University Ph.D., Molecular and Cellular Biology Advisor: David R. Rowley, Ph.D.

Dissertation: "The Role of the Reactive Microvasculature and Endosteum in the Progression of Prostate Cancer"

Laura Louise Satterfield

B.S., King's College
Ph.D., Integrative Molecular and Biomedical Sciences
Advisor: Jason T. Yustein, M.D., Ph.D.
Dissertation: "miR-130b Directly Targets Arhgap1 to Drive Activation of a Metastatic CDC42-PAK1AP1 Positive Feedback Loop in Ewing Sarcoma"

FATIH SEMERCI

B.Sc., Bilkent University
M.Sc., Bilkent University
Ph.D., Developmental Biology
Advisor: Mirjana Maletic-Savatic, M.D., Ph.D.

Dissertation: "Deciphering the Communication Between Adult Neural Stem Cell and Their Progeny: The Role of Notch Signaling"

MICHELLE LYNN SEYMOUR

B.S., Allegheny College Ph.D., Molecular and Cellular Biology Advisor: Frederick A. Pereira, Ph.D.

Dissertation: "Role of the Cochlear Blood-Labyrinth Barrier in Auditory Function"

YE SHEN

B.S., Fudan University
Ph.D., Integrative Molecular and Biomedical Sciences
Advisor: H. Daniel Lacorazza, Ph.D.
Dissertation: "Role of the Transcription Factor KLF4 in T-cell Acute Lymphoblastic Leukemia"

PRIYA SIVARAMAKRISHNAN

B.Sc., Stella Maris College
M.Sc., Sri Ramachandra University
Ph.D., Molecular and Human Genetics
Advisor: Christophe Herman, Ph.D.
Dissertation: "RNA Polymerase Secondary Channel Interactors and the Maintenance of Genomic Stability in Escherichia coli"

JESSICA NICHOLE SOWA

B.S., University of Rochester
Ph.D., Molecular and Human Genetics
Advisor: Meng Wang, Ph.D.
Dissertation: "Olfactory Regulation of C. elegans Reproductive Aging"

VLATKO STOJANOSKI

B.S., University at Albany, State University of New York
Ph.D., Biochemistry and Molecular Biology
Advisor: Timothy G. Palzkill, Ph.D.

Dissertation: "Examination of the Molecular Basis of Substrate Specificity for Antibiotic
Hydolysis by Serine Beta-Lactamases"

QINGTAI SU

B.S., University of Science and Technology of China Ph.D., Integrative Molecular and Biomedical Sciences Advisor: Li Xin, Ph.D. Dissertation: "Functional Characterization of JAG1 in Prostate Cancer"

JIAYI MONIKA SUN

B.S., Rice University
Ph.D., Structural and Computational Biology and Molecular Biophysics
Advisor: Ching C. Lau, M.D., Ph.D.
Dissertation: "Identification of Biomarkers in Osteosarcoma by Comprehensive Genomic Profiling"

MARIA MAGDALENA SZWARC

B.S., University of Warsaw M.S., University of Warsaw Ph.D., Molecular and Cellular Biology Advisor: Bert W. O'Malley, M.D.

Dissertation: "Steroid Receptor Coactivator-2: A Master Regulator of Endometrial Cancer Cell Metabolism"

RAJEEV BABU TAJHYA

B.S., Brigham Young University
Ph.D., Molecular Physiology and Biophysics
Advisor: Christine Beeton, Ph.D.
Dissertation: "Potassium Channels in Myotonic Dystrophy Type 1"

AUSTEN LEE TERWILLIGER

B.S., University of Pittsburgh
Ph.D., Integrative Molecular and Biomedical Sciences
Advisor: Anthony Maresso, Ph.D.
Dissertation: "Modeling Nutritional Virulence of Bacillus Anthracis"

GENGWEN TIAN

M.D., Harbin Medical University Ph.D., Immunology

Advisor: Leonid Metelitsa, M.D., Ph.D.

Dissertation: "CD62L+ NKT Cells have Superior In vivo Persistence and Anti-tumor Activity"

MARGEAUX WETENDORF

B.S., University of South Carolina Ph.D., Integrative Molecular and Biomedical Sciences Advisor: Francesco J. DeMayo, Ph.D.

Dissertation: "Progesterone Receptor Isoform Function in the Initiation of Pregnancy and Preservation of the Healthy Reproductive Tract"

JOSHUA JAMES WHITE

B.Sc., The University of Texas at Dallas Ph.D., Neuroscience Advisor: Roy V. Sillitoe, Ph.D.

Dissertation: "Genetic Silencing of Olivocerebellar Synapses Causes Severe Dystonia-like Behavior in Mice"

XIAOWEI XU

B.S., Shandong University Ph.D., Biochemistry and Molecular Biology Advisor: Rachel Schiff, Ph.D.

Dissertation: "Identifying and Targeting Mechanisms of Resistance to HER-Targeted Therapies in HER2-Positive Breast Cancer"

LIN-KIN YONG

B.Sc., Nanyang Technological University Ph.D., Translational Biology and Molecular Medicine Advisor: Qizhi C. Yao, M.D., Ph.D.

Dissertation: "Novel Roles of an Axon Guidance Molecule, Semaphorin-3E, in Pancreatic Cancer"

Ran You

B.S., Peking University Health Science Center Ph.D., Immunology

Advisor: Farrah Kheradmand, M.D.

Dissertation: "Nanoparticulate Carbon Black Induces Inflammation in Emphysema and Lung Cancer"

XIAOTIAN ZHANG

B.S., Fudan University Ph.D., Molecular and Human Genetics Advisor: Margaret A. Goodell, Ph.D.

Dissertation: "Cooperation of DNA Methylation Regulators in Leukemogenesis"

Li Zhao

B.S., Fudan University
M.S. Fudan University
Ph.D., Structural and Computational Biology and Molecular Biophysics
Advisor: Rui Chen, Ph.D.
issertation: "Unrayeling the Unknown Genetic Etiology of Human Retinal Disease by

Dissertation: "Unraveling the Unknown Genetic Etiology of Human Retinal Disease by Leveraging Multi-omics Data"

Quan Zhou

B.S., Fudan University
Ph.D., Structural and Computational Biology and Molecular Biophysics
Advisor: Yongtao Guan, Ph.D.
Dissertation: "Theoretical and Computational Studies of Bayesian Linear Models"

All degrees to be awarded are contingent upon satisfactory completion of all degree requirements.

SPECIAL AWARDS

Graduate School of Biomedical Sciences

Deborah K. Martin Achievement Award Alexander Michael Herman – 2016

Professor John J. Trentin Scholarship Awards

Samirkumar B. Amin – 2012
Truston J. Bodine – 2011
Lesley S.M. Chaboub – 2010
Kuchuan Chen – 2010
Vitor Ferreira Onuchic – 2013
Nele A.T. Haelterman – 2011
Mark Patrick Hamilton – 2012
Hsiang-Chih Lu – 2011
Li Zhao – 2012
Quan Zhou – 2013

Beckman Platform Speaker Award

Hsiang-Ting Hsu – 2016 Redwan UI Huq – 2014

Lehmann Outstanding Student Award Miguel Alejandro Marin – 2017

Beckman Poster Award Zhijuan Cao – 2015 Kuchuan Chen – 2015 Fatih Semerci – 2013 Ran You – 2012

Candidates for the Degree, Doctor of Medicine with Highest Honor

Sachin Allahabadi Timothy Nathan Dunn Kayla Rae Kumm Jesse Dean Meaike Chloë Eleanor Nunneley Kevin Scott Lipschultz Sweetwood

Candidates for the Degree, Doctor of Medicine with High Honor

Samuel Grainger Buck
Bradley Steven Daniels
Paul Hausknecht
Alexandra Madeleine Hill
Robert Conor Holton-Burke
Dana Marie Larsen
Jeffery Shyh-Jye Lin
Ashley Eryn Pezzi
Luis Felipe Rodriguez
Thomas Edward Stout
Jeffrey Gerard Trost, Jr.

Candidates for the Degree, Doctor of Medicine with Honor

Meagan Amelia Barry Cathryn Rene Cadwell Timothy Mark Dale Ryan Maxwell Dickey Andra Malina Farcas Emily Guo Georgene Ellen Hergenroeder Yuan Yu Michael Huang Jiwen Li Melinda Liu Paola Andreina Matheus Cody Wayne Moore Todd A. Pezzi Ernest Robert Puckett Zachary Lee Shepard Meredith Kathrin Wise

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B.A., Rice University
Graduate Program:
Baylor College of Medicine Affiliated Hospitals
(General Surgery), Houston, Texas

Marisa Paola Orbea

B.S., University of North Carolina at Chapel Hill Graduate Program: Baylor College of Medicine Affiliated Hospitals (Pediatrics), Houston, Texas

YAFEI OUYANG

B.S.B.E., The University of Texas at Austin Graduate Program: University of Arizona College of Medicine Health Science Center Affiliated Hospitals (General Surgery), Phoenix, Arizona

RAMOLA PANCHAL

B.S., Texas A&M University
Graduate Program:
University of Mississippi Medical Center Affiliated Hospitals
(General Surgery), Jackson, Mississippi

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B.S., The University of Texas - Pan American
Baylor College of Medicine/The University of Texas Health Science Center at Houston
School of Public Health M.D./M.P.H. Program:
M.P.H., The University of Texas Health Science Center at Houston
Graduate Program:
Southern Illinois University School of Medicine Affiliated Hospitals
(General Surgery-Preliminary), Springfield, Illinois (2017-2018)
Southern Illinois University School of Medicine Affiliated Hospitals
(Urology), Springfield, Illinois (2018-2022)

NAVEEN PATTISAPU

B.A., The University of Texas at Austin
Graduate Program:
The University of Tennessee Health Science Center College of Medicine Affiliated Hospitals
(Orthopaedic Surgery), Memphis, Tennessee

VALERIE PEICHER

B.A., Rice University
Graduate Program:
University of Miami Miller School of Medicine (Jackson Memorial Hospital Campus) Affiliated Hospitals
(Pediatrics), Miami, Florida

ASHLEY ERYN PEZZI

B.S., University of Arizona
Graduate Program:
Sidney Kimmel Medical College at Thomas Jefferson University
(Lankenau Medical Center Campus) Affiliated Hospitals
(Internal Medicine-Preliminary), Philadelphia, Pennsylvania (2017-2018)
Baylor College of Medicine Affiliated Hospitals
(Dermatology), Houston, Texas (2018-2021)

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M.B.A., Rice University

Graduate Program:

Sidney Kimmel Medical College at Thomas Jefferson University

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(Internal Medicine-Preliminary), Philadelphia, Pennsylvania (2017-2018)

The University of Texas Medical School at Houston McGovern Medical School

(MD Anderson Cancer Center Campus) Affiliated Hospitals

(Radiation Oncology), Houston, Texas (2018-2021)

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B.S., Carnegie Mellon University
Graduate Program:
Georgetown University School of Medicine (INOVA Fairfax Hospital Campus) Affiliated Hospitals
(General Surgery), Washington, District of Columbia

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B.S.B.E., The University of Texas at Austin
Graduate Program:

David Geffen School of Medicine at University of California, Los Angeles
(Olive View Hospital Campus) Affiliated Hospitals
(Internal Medicine-Preliminary), Los Angeles, California (2017-2018)

David Geffen School of Medicine at University of California, Los Angeles Affiliated Hospitals
(Ophthalmology), Los Angeles, California (2018-2021)

CAMERON MARK PYWELL

B.S., University of Notre Dame Graduate Program: University of Alabama School of Medicine Affiliated Hospitals (Internal Medicine), Birmingham, Alabama

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B.A., Rice University
Graduate Program:
Baylor College of Medicine Affiliated Hospitals
(General Surgery-Preliminary), Houston, Texas

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B.A., The University of Texas at Austin Graduate Program: Wayne State University School of Medicine (Beaumont Health System Campus) Affiliated Hospitals (Emergency Medicine), Detroit, Michigan

Avani Raythatha

B.S. Biochemistry, The University of Texas at Austin
Graduate Program:

George Washington University School of Medicine and Health Sciences Affiliated Hospitals
(Obstetrics and Gynecology), Washington, District of Columbia

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B.S., University of Houston Graduate Program: University of Washington School of Medicine Affiliated Hospitals (Anesthesiology), Seattle, Washington

Luis Felipe Rodriguez

B.S., University of Houston Graduate Program: Baylor College of Medicine Affiliated Hospitals (Emergency Medicine), Houston, Texas

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University of California, San Francisco Medical Center Affiliated Hospitals
(Ophthalmology), San Francisco, California (2018-2021)

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Graduate Program:
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Graduate Program:
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(Obstetrics and Gynecology), Houston, Texas

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Graduate Program:
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B.S.H.S., University of Arizona Graduate Program:

Arizona College of Medicine-Phoenix (St. Joseph's Hospital Campus) Affiliated Hospitals (Internal Medicine-Preliminary), Phoenix, Arizona (2017-2018)
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HAZEL DEONON SEVERINO

B.S., The University of Texas - Pan American

KEVIN LU SHEN

B.A., Rice University
Graduate Program:
Indiana University School of Medicine Affiliated Hospitals
(Transitional), Indianapolis, Indiana (2017-2018)
Baylor College of Medicine Affiliated Hospitals
(Ophthalmology), Houston, Texas (2018-2021)

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B.A., The University of Texas at Austin Graduate Program: University of Michigan Health Science Center Affiliated Hospitals (Internal Medicine), Ann Arbor, Michigan

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B.A., New York University
Graduate Program:
The University of Texas Medical School at Houston McGovern Medical School
(Memorial Hermann Hospital Campus) Affiliated Hospitals
(Family Medicine), Houston, Texas

DANIEL DAVID SIMONS

B.S., Rice University
Graduate Program:
Baylor College of Medicine Affiliated Hospitals
(Psychiatry), Houston, Texas

EILEEN RUGGLES SMITH

B.A., Barnard College Graduate Program: Washington University School of Medicine (Barnes-Jewish Hospital Campus) Affiliated Hospitals (General Surgery), St. Louis, Missouri

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Graduate Program: The University of Texas Health Science Center at Dallas Southwestern Medical School (John Peter Smith Hospital Tarrant County Hospital District Campus) Affiliated Hospitals (Emergency Medicine), Fort Worth, Texas

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B.S. Biology, The University of Texas at Austin Ph.D., The University of Texas at Austin Graduate Program:
Stanford University Affiliated Hospitals (General Surgery), Palo Alto, California

THOMAS EDWARD STOUT

B.A., Colorado College Graduate Program: University of Minnesota School of Medicine Affiliated Hospitals General Surgery-Preliminary), Minneapolis, Minnesota (2017-2018)

(General Surgery-Preliminary), Minneapolis, Minnesota (2017-2018) University of Minnesota School of Medicine Affiliated Hospitals (Urology), Minneapolis, Minnesota (2018-2022)

JAMES MCKAY SUGGS III

B.S., Baylor University
Graduate Program:
University of North Carolina at Chapel Hill School of Medicine Affiliated Hospitals
(Anesthesiology), Chapel Hill, North Carolina

KEVIN SCOTT LIPSCHULTZ SWEETWOOD B.S., University of California, Los Angeles

Graduate Program:

David Geffen School of Medicine at University of California, Los Angeles Affiliated Hospitals

(St. Mary's Medical Center Campus) Affiliated Hospitals

(Internal Medicine-Preliminary), San Francisco, California (2017-2018)

University of California, San Francisco Medical Center Affiliated Hospitals

(Diagnostic Radiology), San Francisco, California (2018-2021)

Arame Thiam Diour

B.A., The University of Texas at Austin
Graduate Program:

The University of Texas Health Science Center at Dallas Southwestern Medical School
(Methodist Health System Program) Affiliated Hospitals
(Obstetrics and Gynecology), Dallas, Texas

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B.S. Chemical Engineering, The University of Texas at Austin Graduate Program: Baylor College of Medicine Affiliated Hospitals (Anesthesiology), Houston, Texas

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Temple University School of Medicine (Allegheny General Hospital Campus) Affiliated Hospitals
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*Degree awarded December 31, 2016

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Graduate Program:
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Graduate Program:
Louisiana State University Health (Shreveport Campus) Affiliated Hospitals
(Otolaryngology-Head and Neck Surgery), Shreveport, Louisiana

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Graduate Program:
Baylor College of Medicine Affiliated Hospitals
(Psychiatry), Houston, Texas

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A.B., Dartmouth College Post Doctoral Fellowship: Wayne State University School of Medicine Affiliated Hospitals (Department of Ophthalmology), Detroit, Michigan

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Graduate Program:
University of Alabama School of Medicine Affiliated Hospitals
(General Surgery), Birmingham, Alabama

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Graduate Program:
Baylor College of Medicine Affiliated Hospitals
(Internal Medicine-Preliminary), Houston, Texas (2017-2018)
Baylor College of Medicine Affiliated Hospitals
(Diagnostic Radiology), Houston, Texas (2018-2021)

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Fileen Ruggles Smith

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Yuan Yu Michael Huang

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Kayla Rae Kumm Jeffrey Gerard Trost, Jr.

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Cathryn Rene Cadwell Cody Wayne Moore

Kailey Daniele Caplan Jaclyn Marie Muñoz Natalie Craik Julie Kim Nguyen

Timothy Mark Dale Chloë Eleanor Nunneley

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Sydney Celeste Dittman

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Alexandra Madeleine Hill Susan Siyu Xie

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Baylor College of Medicine is one of 45 institutions awarded a competitive Medical Scientist Training Program grant supported by the National Institute of General Medical Sciences. The program provides integrated scientific and medical training leading to the combined M.D./ Ph.D. degree to highly motivated students with outstanding research and academic potential.

M.D./Ph.D. Program

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Baylor College of Medicine / Rice University M.D./M.B.A. Program

Baylor College of Medicine and Rice University Jones School of Management sponsor jointly a Program in Health Sciences Management, which answers the growing demand for skilled managers in the health care industry. The curriculum includes essential skills for the successful manager and an introduction into the body of knowledge that is unique to health care systems and operations.

M.D./M.B.A. Program

Todd A. Pezzi

Baylor College of Medicine/The University of Texas School of Public Health M.D./M.P.H. Program

Baylor College of Medicine in partnership with the University of Texas School of Public Health jointly sponsor this five-year program for students who want training in both population health and clinical medicine. Students complete an additional 45-75 hours of credit in: Biostatistics, Epidemiology, Human Genetics and Environmental Sciences, Health Promotion and Behavioral Sciences, or Management Policy and Community Health to receive the MPH degree.

M.D./M.P.H. Program

Stephen Alexander Manning Piyush Pathak

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School of Medicine

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Sydney Celeste Dittman
Erin E. Flattery
Georgene Ellen Hergenroeder
Robert Conor Holton-Burke
Valerie Peicher
Amanda Christine Scully
Miranda Wang

Ethics

Stefan Besada
Hannah Kathryn Ermon
Nadia Hammoud
Alexandra Madeleine Hill
Holland Manon Kaplan
Kershena Shien Liao
Avani Raythatha
Amanda Christine Scully
Eileen Ruggles Smith
Kevin Scott Lipschultz Sweetwood
Tommy Manh Tran
Ashok Paparao Yerramsetti
Rui Zheng

Genetics

Dana Marie Larsen
Erica Lay
Sharon Cheng Li
Melinda Liu
Casey Ray Medina
Claire Kathleen Morice
Cameron Mark Pywell
Meredith Jean Ventura

Geriatrics

Jiwen Li Maria Elizabeth Maldonado

Global Health

Meagan Amelia Barry Angela Christine Chun Sayyed Omar Gilani Robert Conor Holton-Burke Stephen Alexander Manning Arame Thiam Diouf

Healthcare Policy and Management

Ryan Maxwell Dickey Todd A. Pezzi

Medical Student Research

Kershena Shien Liao Matthew E. Liaw Ashley Eryn Pezzi Rachel Elise Pferdehirt Yanqiu Zheng

Space Medicine

Mark Francis McLaughlin

DIPLOMA IN TROPICAL MEDICINE

National School of Tropical Medicine

Meagan Amelia Barry Sayyed Omar Gilani Alexandra Madeleine Hill Robert Conor Holton-Burke Marisa Paola Orbea Miranda Wang Hal Haoshuang Zhang

SPECIAL AWARDS

School of Medicine

DeBakey Scholar Award Chloë Eleanor Nunneley

Stanley W. Olson Award for Academic Excellence and Service

Kevin Scott Lipschultz Sweetwood

Jeffrey C. Elkins Memorial Scholarship Award Timothy Nathan Dunn

Baylor College of Medicine Alumni Association Lehmann Outstanding Student Award Georgene Ellen Hergenroeder

Richard R. Dickason, Jr., M.D., Ph.D., Outstanding Physician Scientist Award Tiffany Ya-Ting Hsu

Medical Scientist Training Program
Outstanding Service Award
Meagan Amelia Barry
Sean Michael Cullen

American Medical Women's Association Glasgow-Rubin Certificate of Commendation for Academic Achievement

Alexandra Madeleine Hill Kayla Rae Kumm Dana Marie Larsen Chloë Eleanor Nunneley Ashley Eryn Pezzi

S. Carl Harvey Memorial Award for Excellence in Gross Anatomy Bradley Steven Daniels

Lawrence F. Schumacher Award for Excellence in Anesthesiology Stefan Besada Claudia Yu Yao Wei

American Society of Anesthesiologists Medical Student Recognition Program Sayyed Omar Gilani Texas College of Emergency Physicians Outstanding Medical Student Award Samuel Grainger Buck

Society for Academic Emergency Medicine Excellence in Emergency Medicine Award Paul Hausknecht

American College of Emergency Physicians Professionalism and Service Award Alexandra Madeleine Hill

Department of Emergency Medicine Star Student Award Andra Malina Farcas Jake Lennon Valentine

Leonard D. Moise Award for Excellence in Family Medicine Sydney Celeste Dittman Imaad Shah Siddiqi

Arthur L. Beaudet Award for Outstanding Scholarship in Genetics Dana Marie Larsen Erica Lay

The Kenneth L. Burdon Foundational Sciences Curriculum Academic Achievement Award in Infectious Diseases Kevin Scott Lipschultz Sweetwood

The Musher Prize in Adult Infectious Diseases Meagan Amelia Barry Erin E. Flattery

The Harry and Rose Caplovitz Internal Medicine Award Cody Wayne Moore

Lambert Award for Excellence in Medicine Sachin Allahabadi

SPECIAL AWARDS

School of Medicine

Excellence in Neurology Award Nadia Hammoud

Houston Gynecological and Obstetrics Society Award Alexa Michele Sassin

Outstanding Medical Student in Obstetrics and Gynecology Timothy Nathan Dunn

Outstanding Students in Orthopaedic Surgery

Sachin Allahabadi
Joseph Cruz Chavarria
Sara Marie Fish
Katherine Kaixing Li
David Paul Martin II
Grant Ross McChesney
Naveen Pattisapu
Cody James Sanderson
Tommy Manh Tran

Outstanding Achievement in Otolaryngology-Head and Neck Surgery Timothy Mark Dale

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Timothy Nathan Dunn

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Outstanding Medical Student in Plastic Surgery Jeffrey Gerard Trost, Jr.

The Hilde Bruch Award for Excellence in Psychiatry
David Samuel Mathai

The John P. McGovern, M.D. Award for Excellence in Psychiatry
Sachin Allahabadi

Michael E. DeBakey Department of Surgery Outstanding Student in Surgery Award Michael Alexander Mederos

Arnold Award for Excellence in Urology
Thomas Edward Stout

.......

John P. McGovern Outstanding Teacher Award in the Foundational Sciences

M. Tyson Pillow, M.D., M.Ed.

John P. McGovern Outstanding Teacher Award in the Clinical Sciences

Zaven Sargsyan, M.D.

Marc Dresden Excellence in Graduate Education Award
Andrew Groves, Ph.D.

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The Ben and Margaret Love Foundation Bobby Alford Award for Academic Clinical Professionalism

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Assistant Professor, Family & Community
Medicine

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Jennifer Arnold, M.D., M.S.C. *Assistant Professor, Pediatrics*

Basant Arya, M.D. Assistant Professor, Medicine

Oluwatoyin Asojo, Ph.D. *Associate Professor, Pediatrics*

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Assistant Professor, Medicine

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Prakash M. Masand, M.D. Assistant Professor, Radiology

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Julina Ongkasuwan, M.D. Assistant Professor, Otolaryngology

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Rosa Michelle Schmidt, M.D., M.P.H. *Assistant Professor, Medicine*

Filiz O. Seeborg, M.D. Assistant Professor, Pediatrics

Mona D. Shah, M.D. Assistant Professor, Pediatrics

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Celestine Tung, M.D., M.P.H. Assistant Professor, Obstetrics & Gynecology

Robert A. Waterland, Ph.D. Associate Professor, Pediatrics

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Suzanne L. Woodbury, M.D. Assistant Professor, Physical Medicine & Rehabilitation

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Associate Provost of Faculty Affairs and	_
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Assistant Dean for Evaluation, Assessment and Educational Research.	Joel Purkiss, Ph.D.
Interim Senior Associate Dean for Graduate Medical Education	Jennifer Christner, M.D.
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Assistant Dean for Healthcare, Quality & Patient Safety,	
Graduate Medical Education	Nana E.Coleman, M.D., M.Ed.
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Associate Dean of the National School of Tropical Medicine	
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Biochemistry and Molecular Biology	Theodore G. Wensel, Ph.D
Dermatology	John E. Wolf, Jr., M.D
Emergency Medicine (Interim)	Dick C. Kuo, M.D
Family and Community Medicine	Roger J. Zoorob, M.D
Medicine	Hashem El-Serag, M.D., MPF
Molecular and Cellular Biology	Bert W. O'Malley, M.D
Molecular and Human Genetics	Brendan Lee, M.D., Ph.D
Molecular Physiology and Biophysics	Susan L. Hamilton, Ph.D
Molecular Virology and Microbiology (Interim)	Joseph Petrosino, Ph.D
Neurology	Eli M. Mizrahi, M.D
Neuroscience (Interim)	Paul Pfaffinger, Ph.D
Neurosurgery	Daniel Yoshor, M.D
Obstetrics and Gynecology	Michael A. Belfort, M.D., Ph.D
Ophthalmology	J. Timothy Stout, M.D., Ph.D
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Otolaryngology-Head and Neck Surgery	Donald T. Donovan, M.D
Pathology and Immunology	Thomas M. Wheeler, M.D
Pediatrics	Mark W. Kline, M.D
Pharmacology and Chemical Biology.	Timothy Palzkill, Ph.D
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Psychiatry and Behavioral Sciences	Wayne Goodman, M.D
Radiology	Eric Rohren, M.D., Ph.D
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Surgery	Todd K. Rosengart, M.D
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HISTORY OF THE HIPPOCRATIC OATH

Hippocrates, considered the father of medicine, was born around 460 BC. Although we do not know the details of his life, his recorded works reveal a belief in the practice of medicine based on observations and a belief that there was a rational explanation for human illness.

One of the oldest binding documents in history is the Hippocratic Oath. Although it was probably composed over 2000 years ago, its principles are still held sacred by physicians today—treat the sick to the best of one's ability, preserve patient privacy, and teach medicine principles to the next generation.

The first recorded administration of the Hippocratic Oath in a medical school was at the University of Wittenberg, Germany in 1508. It was first incorporated into the commencement exercises at Montpellier, France in 1804. A survey of U.S. medical schools in 1928 found that only 19% of the medical schools included the oath in their commencement exercises. After World War II, oath taking began to play an increasing part in graduation exercises. Today, nearly every U.S. medical school administers some type of professional oath.

The revisions in the oath are many and reflect the changing values, customs, and beliefs associated with the ethical practice of medicine. By taking the oath, medical students are bonding with their fellow students, recognizing all those who have gone before, and joining their mentors in the future.

A recent review of the History of the Hippocratic Oath can be found by Howard Markel in the *New England Journal of Medicine*, 2004, 350: 2026.

HIPPOCRATIC OATH

do solemnly swear by whatever I hold most sacred, that I will be loyal to the profession of medicine and just and generous to its members;

That I will lead my life and practice my Art in uprightness and honor;

That into whatsoever home I shall enter, it shall be for the good of the sick and the well to the utmost of my power and that I will hold myself aloof from wrong and from corruption and from the tempting of others to vice;

That I will exercise my Art, solely for the cure of my patients and the prevention of disease and will give no drugs and perform no operation for a criminal purpose and far less suggest such a thing;

That whatsoever I shall see or hear of the lives of men which is not fitting to be spoken, I will keep inviolably secret;

These things I do promise and in proportion as I am faithful to this oath, may happiness and good repute be ever mine, the opposite if I shall be forsworn.