



THE UNIVERSITY *of* NORTH TEXAS
HEALTH SCIENCE CENTER *at* FORT WORTH

Friday, May 14, 2021

Nine o'clock in the Morning

Dickies Arena

Fort Worth, Texas

Texas College of Osteopathic Medicine
Graduate School of Biomedical Sciences
School of Public Health
School of Health Professions
System College of Pharmacy

P R O G R A M

PRELUDE

PRESENTATION OF COLORS BY MEMBERS OF THE UNT ARMY ROTC MAVERICK BATTALION

NATIONAL ANTHEM*

WELCOME

Michael R. Williams, D.O., M.D., M.B.A.
President

GREETINGS FROM THE BOARD OF REGENTS

MILITARY COMMISSIONING

Dennis P. Shingleton, M.S., M.B.A., Colonel, U.S. Army, Retired
Fort Worth City Councilman

PRESENTATION OF THE HSC HEALTH AWARD

PRESENTATION OF THE PRESIDENT'S AWARD

PRESENTATION OF THE CHANCELLOR'S AWARD

PRESENTATION OF THE FOUNDERS' AWARD

PRESENTATION OF THE PRESIDENT'S ALUMNI AWARD FOR DISTINGUISHED SERVICE

PRESENTATION OF CANDIDATES FOR DOCTOR OF PHARMACY DEGREE

Suresh Madhavan, Ph.D., M.B.A.
Dean, System College of Pharmacy

PRESENTATION OF CANDIDATES FOR MASTER OF LIFESTYLE HEALTH SCIENCES
AND COACHING, MASTER OF PHYSICIAN ASSISTANT STUDIES
AND DOCTOR OF PHYSICAL THERAPY DEGREES

J. Glenn Forister, Ph.D., PA-C
Dean, School of Health Professions

PRESENTATION OF CANDIDATES FOR MASTER OF SCIENCE,
MASTER OF HEALTH ADMINISTRATION, MASTER OF PUBLIC HEALTH,
AND DOCTOR OF PHILOSOPHY DEGREES

Dennis Thombs, Ph.D., Ed.D., M.A.
Dean, School of Public Health

P R O G R A M

PRESENTATION OF CANDIDATES FOR
MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY DEGREES

J. Michael Mathis, Ph.D., Ed.D.
Dean, Graduate School of Biomedical Sciences

PRESENTATION OF CANDIDATES FOR
DOCTOR OF OSTEOPATHIC MEDICINE DEGREE

Frank Filipetto, D.O.
Dean, Texas College of Osteopathic Medicine

PRESENTATION OF CANDIDATES FOR
MASTER OF PUBLIC HEALTH AND
DOCTOR OF OSTEOPATHIC MEDICINE DEGREES

Frank Filipetto, D.O.
Dean, Texas College of Osteopathic Medicine

PRESENTATION OF CANDIDATES FOR
DOCTOR OF OSTEOPATHIC MEDICINE
AND DOCTOR OF PHILOSOPHY DEGREES

J. Michael Mathis, Ph.D., Ed.D.
Dean, Graduate School of Biomedical Sciences

CONFERRING OF DEGREES

Dr. Michael R. Williams

RECOGNITION OF CANDIDATES

SYSTEM COLLEGE OF PHARMACY OATH

Cait Gibson, Pharm.D.
Assistant Professor, Pharmacotherapy

PHYSICIAN ASSISTANT OATH

Lauren Dobbs, M.M.S., PA-C
Associate Professor and Interim Chair, Physician Assistant Studies

PHYSICAL THERAPY OATH

Myles Quiben, P.T., Ph.D., D.P.T., M.S.
Chair, Physical Therapy

OSTEOPATHIC OATH

Dr. Frank Filipetto

P R O G R A M

RECESSIONAL*

GRAND MARSHAL
April Wiechmann, Ph.D.
Chair of the Faculty Senate

PIANIST
Michael Soto, M.M.
UNT School of Music

SOLOIST
Erica Simmons, M.M.
UNT School of Music

A W A R D S

HSC HEALTH AWARD FOR SCHOLARLY EXCELLENCE

The HSC Health Award for Scholarly Excellence will be given to a graduate who distinctly represents scholastic achievement with an emphasis on clinical practice.

PRESIDENT'S AWARD FOR SCHOLARLY EXCELLENCE

The President's Award for Scholarly Excellence is presented to the student who distinctly represents scholarly excellence with an emphasis on academic achievement.

CHANCELLOR'S AWARD FOR SCHOLARLY EXCELLENCE

The Chancellor's award for Scholarly Excellence recognizes the outstanding graduate from the UNT Health Science Center at Fort Worth with an emphasis on scholarly research.

FOUNDERS' AWARD

The Founders' Award is the highest honor bestowed by The University of North Texas Health Science Center at Fort Worth (HSC). The Founders' Award is given in honor of Texas College of Osteopathic Medicine founders, George J. Luibel, DO, Carl E. Everett, DO and D. D. Beyer, DO. The award is presented in recognition of significant contributions or service to health care and/or medical education. Recipients shall have demonstrated the highest character and integrity and be an exemplary role model whose recognition will enhance the reputation of the HSC Founders' Award.

PRESIDENT'S ALUMNI AWARD FOR DISTINGUISHED SERVICE

The President's Alumni Award for Distinguished Service is given to an alumnus who demonstrates their commitment to our mission, creating solutions for a healthier community, through outstanding personal and professional achievement. This award recognizes servant leaders and role models for change. Each year, alumni who challenge conventional approaches to social, clinical or personal issues in order to achieve excellence will be recognized.

THE FOUNDERS' AWARD



W. RAND HORSMAN

HSC Vice President for Human Resources (retired)

Rand Horsman, who has supported HSC team members for 25 years, is the 2020-21 recipient of the HSC Founders' Award.

Mr. Horsman joined HSC in 1987 and built the Human Relations Department into a professional team that supported the faculty and staff with great compassion and fairness. He was known by all for his generosity and gentle outgoing spirit.

Rand retired in 2012 but his legacy of service to HSC is unmatched. In 2001, he founded the "Rand Horsman Scholarship Golf Tournament". To this day, tournament proceeds help HSC employees and dependents pay for education costs to the colleges of their choice. Since its inception, The Rand Horsman Scholarship fund has awarded over one-hundred and forty, \$1,000 scholarships. In 2021 alone, thirty-two HSC team members or dependents were RHS recipients.

The Founders' Award is the highest honor given by HSC in recognition of significant contributions to support health care and/or osteopathic medical education. It is named for the Texas College of Osteopathic Medicine founders, George J. Luibel, DO; Carl E. Everett, DO; and D.D. Beyer, DO.

THE PRESIDENT'S ALUMNI AWARD FOR DISTINGUISHED SERVICE



RAY D. PAGE

D.O., Ph.D., Medical Oncology Specialist

Dr. Ray Page, who has treated thousands of cancer patients with care and compassion, is the 2020-21 recipient of the President's Alumni Award for Distinguished Service.

The 1991 Texas College of Osteopathic Medicine graduate of the inaugural DO/PhD program is a medical oncologist and hematologist at The Center for Cancer and Blood Disorders in Fort Worth. Esteemed by his colleagues, Dr. Page is known as an outstanding oncologist, talented researcher and generous educator. His penchant for developing health care policy has made him a strong political advocate for cancer patients.

Dr. Page is driven to develop new chemotherapy drugs that give hope to others. He has been the Principal Investigator for more than 250 oncology clinical trials. He is committed to helping train the next generation of health providers to be innovative leaders in their field.

The President's Alumni Award for Distinguished Service was created in 2017 to honor an HSC graduate for their outstanding personal and professional achievements in their field.

2021 CANDIDATES

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DEGREE

SAMSON ABEBE
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VIANCA AGUSTIN
MITRA ALIHA
ARMAGHAN AMANI
EZEMDI ANOSIKE
KEVIN BALDERAS
GITA BIDARI NIRAU
KAITLYN BRADLEY
COURTNEY BUTLER
AARON CHERIAN
RYAN CHISHIMBA
ME-KYOUNG CHOI
IRMA CRUZ
JOSHUA DARDEN
GRANT DEHOOGH +
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KADY HINH
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Odessa, Texas
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SALMA HUSSAIN
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Arlington, Texas
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Morgantown, West Virginia
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CHRISTOPHER SOLOMON
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SAYNA TAHRIRIAN

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Banner University Medical Center
Phoenix, Arizona

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KIRSTEN CROLL

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LUWANNA HOBBS

CRYSTA HOLLINS

SAMANTHA HONSE

NICOLE JAMES

AKIRA KATAGIRI

MARIAH KNAGG

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CHELSEI BOYKIN

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KIRAN MIANOOR

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MASTER OF PHYSICIAN
ASSISTANT STUDIES
DEGREE
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PHYSICAL THERAPY
DEGREE

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TERA ASHE

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CARLEY SALERNO

BRITTNEY SANDERSON

REKHA SHENOY

SAMEERA SIDDIQUI

YSABEL SMITH

MELISSA STARKER

ANGELA TAYLOR*

CHELSEA TRUJILLO

CANDIDATE FOR
DOCTOR OF PHILOSOPHY
DEGREE

HELEN ORIMOLOYE

"The impact of medication therapy management on
polypharmacy in people living with HIV/AIDS"
Major Professor: Sumihiro Suzuki, Ph.D.

CANDIDATES FOR
MASTER OF SCIENCE DEGREE
(NON-THESIS)

MARYAM ABDUL-MOHEETH

ASHLEY ABRAHAM

KATALINA ACEVEDO

AISHA AHMED

AYESHA AKHTAR MALIK+

AYOMIDE AKINSOOTO

PATIENCE AKOBUNDU EHIUGU

EDWARD ALAYTSEV

ALIA ALI

ALIZA ALI

CANDIDATES FOR
MASTER OF SCIENCE DEGREE
(NON-THESIS)
(continued)

BENJAMIN ALLEN
WAYNE ALLISTON
AARON ALTERMAN
NISHA ANBU
SHIKA ANDHOLE
JOSEPHS ANUDOKEM
SADIYYA BADAT
BRIANNA BAINE
MARK BARAKAT
ESTEFANIA BARBA
HEBA BHAT
JOURDAN BLAIR
JANE BUELL
LAUREN BURNS
ISABELLA CANO
NGAN CAO
MAXIMILIANO CEDENO HAHN
CHAO ALISON
KRISTINE CHAU
SAMPADA CHAUDHARI
NAVEED CHAUDHRY
EMIL CHAUHAN
APURVA CHAVALI
DANA CLARY
LINDSAY CLINE
KAI COVIN

AUSTIN DECKER
FATMA DELIGONUL
MAYA DEPLAZA
MICHAELA DIGILIO
AI-THIEN DO
CITA DUNN
MEAGHAN EDWARDS
SHAYMA ELLAHI
KIYANA ELLISON
KATELYNN EVANS
LAUREN FARRELL
RYAN FAZIO
LUIS FERNANDEZ
CHARLES FOSTER
FRANK FRANKOVSKY
CAITLYN FROST
JERRY GAO
AARON GARCIA
LAUREN GARDNER
VEERAVENKATA GARIKIPARTHY
ANN GEORGE
SHRISTI GHIMIRE ADHIKARI
EDWARD GOMEZ
IVAN GONZALES
CLAUDIA GONZALEZ
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FERNANDO GRACIA
SARAH GROVE
RUSHEEL GUDURU
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SABRINA HAQUE
JENNIFER HARMS
SPENCER HAYS
ALLISON HENDON
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ERIN HORNE
TIMOTHY HUGHES
KAITLIN HUIZINGA
WHITNEY HUYNH
NWAMAKA ILOANI
BISMAH ISMAIL
HANNAH JACKSON
FATEMEH JAFARI ROSHAN-ZAMIR
ARGELIS JAMES
HOLLY JARZYNKI
RAMIZ KARA
JACK KELLY
ABDUL-HAFIZ KHALAF
BILAL KHURSHID
CHOL HO KIM
EMILY KIM
KATHARINE KLUGE
KATHERINE KOEPP
PAUL KOESTER
SIDDHARTH KORTIKERE
CHRISTIANA KOUFTEROS
ALAIN KWIZERA
KIEU-TAM TYLANA LA
KEVIN LADD

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NICHOLAS LANFERMEIJER
DAVID LANFORD
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TRANG LE
JOSHUA LEAF
ANDREW LEWIS
DAISHA LEWIS
TODD LIANG
YAO LIANG
LINDA LIN
KAYLA LOPEZ
VY LY
PRATHYUSHA MAHASAMUDRAM
SYEDA MAHMOOD
NASH MALICDAN
OCTAVIA MALIN
ANNIE MAN
ARELY MARTINEZ
MARIA MARTINEZ
JOELLE MASSAAD
SHELBIN MATTATHIL
MAXINE ANGELA MAURICIO
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BHARATI MURTHY
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SAM NAJJAR

DANIEL NAVID
NATHAN NEAL
JIMMY NGUYEN
KENNY NGUYEN
MAI NGUYEN
MARA JEMELINE NISNISAN
MARL NNURO
MARY O'DONNELL
BOGDANA OLIYNYK
IAN ORANTES-ORELLANA
ALVIN OUSEPH
TEHRIM PABANI
PRIYA PATEL
SMRUTI PATEL
AUDREY PEACOCK
CANYON PHAN
VANESSA PHAN
RAHUL PILLAI
TRICIA POST
MUJTABA QURAIISHI
ERIC RAMIREZ
SABRA RAMIREZ
SANDHIYA RAVICHANDRAN
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ISHANI SHARMA
SHIVANI SHARMA
TYLER SIMONEK
BEN-ALLEN SINGH
RYAN SMITH
PRAKRITI SRIVASTAVA
CHANDLER STANTEEN
JOSEPH STEPHENS
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REBECCA SUK
UMAR SYED
CANISIA TATAH
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USHA THOTAKURA
ISABELLA THREETON
NICHOLAS TRAN
KATHLEEN UCHAL
NABEEL UDDIN
JIMREEVES VARGHESE
RIO VELASQUEZ
DANIEL VILLARREAL ACHA

CANDIDATES FOR
MASTER OF SCIENCE DEGREE
(NON-THESIS)
(continued)

AN-RANDY VU

MINH VU

AMANDA WALL

MITCHELL WILSON

MATTHEW WOFFORD

HALEY WOLF

KO-LIN WU

SAFA ZIA

MIGUEL ZUNIGA ALVAREZ

MELANIE ZSCHAPPEL

CANDIDATES FOR
MASTER OF SCIENCE DEGREE
(THESIS)

CHRISTOPHER ABAD-JACOBI

“Long-Term Neurodegenerative Effects and Biomarkers of Repetitive Traumatic Brain Injury”
Major Professor: Derek Schreihof, Ph.D.

KULSUM ABDALI

“Slow Recovery of Cerebral Perfusion during Hypotension in Elderly Humans”
Major Professor: Xiangrong Shi, Ph.D.

SARA ALDEEB

“Sexual Dimorphism within Dental Microstructure”
Major Professor: Emma Kathryn Handler, Ph.D.

ETHAN BARRETT

“Survey of Clinical Research Industry Site Success among Coronavirus Disease 2019 (COVID-19) Pandemic”
Major Professor: Pankaj Chaudhary, Ph.D.

IAN DADEBOE

“Computational Pharmacology Towards G512 Inhibitors”
Major Professor: David Siderovski, Ph.D.

RONNIE DOUD

“Association of Pain Sensitivity with Outcome Measures for Quality of Life, Functional Ability and Current Pain Intensity in Chronic Low Back Pain”
Major Professor: Nathalie Sumien, Ph.D.

JONATHAN FERGUSON

“Neuroprotective Effects of Topically Delivered SA-2 Nanoparticles in a Mouse Model of RGC Injury”
Major Professor: Dorota Luiza Stankowska, Ph.D.

TAYLOR GILLILAND

“The Effect of Attention Deficit Hyperactivity Disorder (ADHD) on Vestibular Outcomes Following a Sports-Related Concussion”
Major Professor: John Cameron Millar, Ph.D.

NICHOLAS HANAN

“Methods to Reduce Medication Errors and Improve Medication Adherence for Patients Facing a Language Barrier”
Major Professor: Kimberly G. Fulda, Dr.PH.

LYNDEE HIGGS

“Assessing Ecogeographic Variation in the Nasal Passages Utilizing Semilandmark Geometric Morphometrics”
Major Professor: Scott David Maddux, Ph.D.

DIANDRA LOMBARD

“Retrospective Analysis of Phase 4 Clinical Trial to Evaluate the Sustained Effect of Droxidopa in Symptomatic Neurogenic Orthostatic Hypotension”
Major Professor: Stephen O. Mathew, Ph.D.

KATHERINE OAXACA

“Investigating the effect of 17 β -estradiol on 24(S)-hydroxycholesterol concentration in brain tissue”
Major Professor: Laszlo Prokai, Ph.D.

MADISON PARKER

“The Effects of Osteopathic Manipulation Techniques on the Lymphatic System”
Major Professor: Lisa Michelle Hodge, Ph.D.

JENNIFER PHAM

“Development and in vitro characterization of gemcitabine loaded nanoparticles for pancreatic cancer therapy”
Major Professor: Amalendu Prakash Ranjan, Ph.D.

RAJIV RANGAN

“miRNA Profiling of Human Optic Nerve Head Astrocytes Exposed to Cyclic Stretch”
Major Professor: Tara Tovar-Vidales, Ph.D.

RYAN RUSY

“Investigating the Use of Resistance Breathing for the Detection of Acute Hypovolemia”
Major Professor: Caroline Alice Rickards, Ph.D.

COOPER STEVENSON

“The Effects of Ad5.CMV.hTGF 2C226/228S on AHD in Mice”
Major Professor: John Cameron Millar, Ph.D.

ANDREW SU

“The Effect of Tooth Loss on Craniofacial Morphology”
Major Professor: Rachel Ann Menegaz, Ph.D.

AMMAAR TAJANI

“Testosterone Replacement Therapy: Role in Modulating Oxidative Stress within the Entorhinal Cortex”
Major Professor: Rebecca Lynn Cunningham, Ph.D.

ZACHARY TERRELL

“Effects of Osteopathic Manipulative Treatment on Parkinsonian Gait: A Statistical Parametric Mapping Analysis”
Major Professor: Rita M. Patterson, Ph.D.

STEPHEN THAI

Protein Biomarkers of Estrogenic Impact on the Mouse and Rat Uterus
Major Professor: Laszlo Prokai, Ph.D.

HEATHER TRINH

“Oral and Gut Microbiome in Chronic Sleep Restriction Mice Models”
Major Professor: Robert Clinton Barber Jr., Ph.D.

ELIZABETH WILSON

“Prenatal Hypoxic Insults Impact
Brain Vulnerability”

Major Professor: Rebecca Lynn Cunningham, Ph.D.

BISMA ZULIFQAR

“Provider's Satisfaction with Provision of Prenatal
Care during the COVID-19 Pandemic”

Major Professor: Kimberly G. Fulda, Dr.PH.

**CANDIDATES FOR
DOCTOR OF PHILOSOPHY
DEGREE**

RENUKA CHAPHALKAR

“Endothelin-1 mediated decline in mitochondrial
function contributes to neurodegeneration
in glaucoma”

Major Professor: Raghu Krishnamoorthy, Ph.D.

CARMEN CLAUDIO

“Carisoprodol's Pharmacological Properties at
GAB-A Receptors, in vitro studies”

Major Professor: Nathalie Sumien, Ph.D.

JIANGNAN HU

“Thrombolytic and Cerebral Organoid-Based
Treatments for Ischemic Stroke”

Major Professor: Robert Clinton Barber Jr., Ph.D.

ELLA KASANGA

“Strategies and Mechanisms to Reduce Locomotor
Impairment in Aging and Parkinson's Disease”

Major Professor: Michael Francis Salvatore, Ph.D.

NAVITA LOPEZ

“The Role of TGFB2 Signaling and miRNAs in
Optic Nerve Head Remodeling”

Major Professors: Tara Tovar-Vidales, Ph.D. and
Abbot Frederick Clark, Ph.D.

JOSEPH MALAER

“Characterization of Markers on Pancreatic and
Colon Cancer Stem Cells to Enhance Natural
Killer Cell Effector Functions”

Major Professor: Porunelloor, Mathew, Ph.D.

VIVIANA MANCILLA

“Effects of a Synthetic Amino Acid Diet: Insights
from the Gut Microbiome, Inflammation,
and Behavior”

Major Professor: Michael Shane Allen, Ph.D.

ANTHONY OPPONG-GYEBI

“The Role of Aging and Length of Hypogonadism
on the Neuroprotective Effects of Dietary Genistein
following Focal Ischemia”

Major Professor: Derek Schreihof, Ph.D.

OLUWATOBILOBA OSIKOYA

“The Role of Uterine Perivascular Adipose Tissue
in Maternal Uterine Vascular Adaptations
to Pregnancy”

Major Professor: Yu-chieh Wang, Ph.D.

PINKAL PATEL

“The role of mechanosensory TRPV4 channels
in nitric oxide signaling in intraocular pressure
homeostasis and its impairment in glaucoma”

Major Professor: Gulab Zode, Ph.D.

AMANDA ROBERTS

“Role of Toll-Like Receptor 4 Signaling and
Fibronectin EDA in Regulating Normal and
Glaucomatous Intraocular Pressure”

Major Professor: Abbot Frederick Clark, Ph.D.

TALISA SILZER

“Transcriptomic Signatures of Cognitive
Impairment”

Major Professor: Nicole Phillips, Ph.D.

BING SONG

“Mutual Independence of Loci in Databases of
Multi-locus Genotypes: Application in Human
Identification and Population Genetics”

Major Professor: John V. Planz, Ph.D.

**CANDIDATES FOR
DOCTOR OF OSTEOPATHIC
MEDICINE DEGREE**

HANEEN ABDELKHALEQ

Family Medicine

University of Texas Southwestern Medical School
Dallas, Texas

KIAN ABDUL-BAKI*

Internal Medicine

University of Texas Medical Branch
Galveston, Texas

ALFRED ABRAHAM

Family Medicine

Baylor University Medical Center
Dallas, Texas

JOSHUA ALLEN

ENRIQUE ALVAREZ-VENTURA

Emergency Medicine

HCA Medical City Healthcare
Arlington, Texas

KYLE AMES

Urology

Charleston Area Medical Center
Charleston, West Virginia

JENNIFER ARCHER

Family Medicine

University of Texas Health Science Center - Tyler
Athens, Texas

SHELBY ARMSTRONG-KAGER*

Family Medicine

Long Beach Memorial Medical Center
Long Beach, California

KRISTOPHER ATEN*

Internal Medicine

Methodist Health System
Dallas, Texas

ARIELLA AZIMI

Internal Medicine

Methodist Health System
Dallas, Texas

MADLINE BARTRAM

Obstetrics & Gynecology

HCA Medical City Healthcare
Arlington, Texas

BROOKE BECK

Emergency Medicine

John Peter Smith Hospital
Fort Worth, Texas

*With Honors

CANDIDATES FOR
DOCTOR OF OSTEOPATHIC
MEDICINE DEGREE
(continued)

CAMERON BECK
Orthopaedic Surgery
John Peter Smith Hospital
Fort Worth, Texas

CHLOE BENICHOV
Obstetrics & Gynecology
Baystate Medical Center
Springfield, Massachusetts

JOSHUA BERNAL
Family Medicine
Kettering Health Network
Grandview, Ohio

SHWETA BHATNAGAR
Internal Medicine
McLaren Health Care Corporation
Lansing, Michigan

BRANDON BITO
Obstetrics & Gynecology
HCA Medical City Healthcare
Arlington, Texas

STERLING BLACKHAM
Pediatrics
University of Nebraska Medical Center
Omaha, Nebraska

TAYLOR BLACKWOOD
Orthopaedic Surgery
Texas Tech University Affiliate
Lubbock, Texas

BENJAMIN BOPP
Anesthesiology
University of Toledo
Toledo, Ohio

THEODORA BROWNE
Psychiatry
University Hospitals
Jackson, Mississippi

JORDAN BRZEZNY
Diagnostic Radiology
Louisiana State University Health Science Center
Shreveport, Louisiana

ISAAC BURNETT
Family Medicine
University of Texas Health Science Center
Tyler, Texas

MARYAM BURNEY
Internal Medicine
HCA Medical City Healthcare
Weatherford, Texas

RAJEHA BUTT
Internal Medicine
Swedish Covenant Hospital
Chicago, Illinois

MARCUS BYRD
Family Medicine
Texoma Medical Center
Denison, Texas

BLAKE CASEY
Family Medicine
Texas A&M
College Station, Texas

NATALIA CAVAGNARO
General Surgery
HCA Houston Healthcare/University of Houston
Houston, Texas

SHANNON CHANG
Obstetrics & Gynecology
HCA Houston Healthcare/University of Houston
Houston, Texas

PEYTON CHAPMAN MARTIN
Pediatrics
University of Oklahoma College
of Medicine
Oklahoma City, Oklahoma

RITIKA CHAUBEY*
Internal Medicine
University of Texas Health Science Center
San Antonio, Texas

HUMA CHAUDHRY
Family Medicine
Christus Health - Spohn
Corpus Christi, Texas

RYAN CHERIAN
Family Medicine
Christus Health - Spohn
Corpus Christi, Texas

HOLY CHOR
Pediatrics
Baylor Scott & White Medical Center
Temple, Texas

CASSANDRA CHOUINARD
Family Medicine
Sparrow Hospital
Lansing, Michigan

ELLEN COCANOUGH
Obstetrics & Gynecology
University of Kansas School of Medicine
Wichita, Kansas

BRAYLEE COLLINS
Neurology
Baylor Scott & White Medical Center
Temple, Texas

SHELBY COLLYMORE
Family Medicine
HCA Medical City Healthcare
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ANNA COOKE
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University of New Mexico School of Medicine
Albuquerque, New Mexico

ZACHARY COSTON*
Family Medicine
Baylor University Medical Center
Dallas, Texas

CEFERINO CRUZ
Family Medicine
HCA Medical City Healthcare
Arlington, Texas

2021 CANDIDATES

MITCHEL CRUZ
Family Medicine
Oklahoma State University Center
for Health Sciences
Tulsa, Oklahoma

CALEB CURRY*
Pediatrics
University of Texas Med School
Houston, Texas

PARKER DALGLISH
Emergency Medicine
Saint Vincent Health Center
Erie, Pennsylvania

CATHERINE DANIEL
Obstetrics & Gynecology
Methodist Health System
Dallas, Texas

OLIVER DE ASIS
Internal Medicine-Preliminary
HCA Medical City Healthcare
Weatherford, Texas

NATHAN DERON
Internal Medicine
Methodist Health System
Dallas, Texas

TAYLOR DEUSHANE
Emergency Medicine
University Hospitals
Jackson, Mississippi

MAHIMA DHUME
Obstetrics & Gynecology
John Peter Smith Hospital
Fort Worth, Texas

AUSTIN DICKERSON*
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JENNIFER DUONG
Obstetrics & Gynecology
Ohio Health-Doctors Hospital
Columbus, Ohio

LANDON EGGLESTON
Emergency Medicine
University of Illinois College of Medicine
Chicago, Illinois

KUNAL ELETE
Internal Medicine
HCA Medical City Healthcare
Fort Worth, Texas

MATTHEW ETHERINGTON
Emergency Medicine
Tower Health/Reading Hospital
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LAYLA FARAHANI
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University of Texas Health Science Center
Tyler, Texas

MOLLY FARRELL*
Neurological Surgery
University of Texas Health Science Center
San Antonio, Texas

JEANNE FENG
Family Medicine
Baylor Scott & White Medical Center
Round Rock, Texas

MELISSA FEW
Family Medicine
Memorial Hermann Hospital
Sugar Land, Texas

EMERSON FILLIPPA
Family Medicine
Texas Institute for Graduate Medical Education
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Laredo, Texas

FRANCIS FISCHER
Internal Medicine
Methodist Health System
Dallas, Texas

MILES FISHER
Child Neurology
Vanderbilt University Medical Center
Nashville, Tennessee

KRISTINA FRASER
General Surgery
University of Kansas School of Medicine
Wichita, Kansas

JACOB FREUDENBERGER
Emergency Medicine
University of Texas Southwestern Medical School
Dallas, Texas

ABHINAYA GANESH
Child Neurology
Vanderbilt University Medical Center
Nashville, Tennessee

KELLY GEE
Internal Medicine
Methodist Hospital
Houston, Texas

SHARYN GEIS
Emergency Medicine
University of Arkansas College of Medicine
Little Rock, Arkansas

JOSEPH GIATTINO*
Internal Medicine
University of Texas at Austin Dell Medical School
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BRIAN GIEBEL
Internal Medicine
Baylor Scott & White Medical Center
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JORGE GONZALEZ
Internal Medicine
University of Texas at Austin Dell Medical School
Austin, Texas

ALEXANDRA GRANADO
Psychiatry
John Peter Smith Hospital
Fort Worth, Texas

SARAH GREBENNIKOV
Internal Medicine
Ohio Health - Riverside Methodist
Columbus, Ohio

CANDIDATES FOR
DOCTOR OF OSTEOPATHIC
MEDICINE DEGREE
(continued)

LILLY HAMMACK
Internal Medicine
Kaiser Permanente
Santa Clara, California

AYAH HAMZA
Pediatrics
University of Texas Medical Branch
Galveston, Texas

PAYTON HARRIS*
Orthopedic Surgery Research
Harris Methodist
Fort Worth, Texas

BHAVIK HIRAPARA
Internal Medicine
Methodist Health System
Dallas, Texas

ALISON HO
Physical Medicine & Rehabilitation
Baylor University Medical Center
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ANH THU HOANG
General Surgery
Lehigh Valley Hospital
Allentown, Pennsylvania

JULIE HONG
Pediatrics
Oklahoma State University - Osteopathic Medical
Consortium of Oklahoma
Tulsa, Oklahoma

BEATRICE HUANG
Psychiatry
University Hospitals
Jackson, Mississippi

ANUSHA HUSSAIN
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HCA Medical City Healthcare
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JACOB HUSTON-CRAVENS
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CARLYE HUYNH
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OMAR IBARRA ALEMAN
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University of Connecticut School of Medicine
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NISHA ISSAC*
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Phoenix Children's Hospital
Phoenix, Arizona

MAHNOOR JAVED
Internal Medicine
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MELISSA JOHNNIDIS
Psychiatry
Texas Institute For Graduate Medical Education
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KEVIN KADADO
Internal Medicine
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Wichita, Kansas

CARLEY KARAM
Surgery - Preliminary
University of Texas Health Science Center
San Antonio, Texas

SOFIA KAYAMALI
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LEXY KINDT
General Surgery
Hennepin County Medical Center
Minneapolis, Minnesota

JONATHAN KOEHLER
Internal Medicine-Preliminary
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Largo, Florida

ANDREW KRAMER*
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DENNIS KULP
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Community Memorial Health System
Ventura, California

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ALFRED LABORDE
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HANNAH LAMAR
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TOMMY LI
Anesthesiology
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General Surgery
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Arlington, Texas

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Emergency Medicine
University of Texas Southwestern Medical School
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Merit Health
Wesley, Mississippi

VINH LU
Internal Medicine
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STEVEN MAI
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TU MAI
Family Medicine
Christus Health - Spohn
Corpus Christi, Texas

STEPHANIE MAK
Psychiatry
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PRASUN MANDAL
Surgery - Preliminary
Saint Joseph Mercy
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WILLIAM MANGIN
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HANNAH MARVIN
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TIMOTHY MCCLELLAN
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CARA McDERMOTT
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Temple, Texas

DALLAS MILLER
Internal Medicine
Saint Elizabeth's Medical Center
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AVA MOORHEAD
Family Medicine
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Houston, Texas

ALI MOSA
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DIVYA NAIK
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Methodist Health System
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Obstetrics & Gynecology
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Charleston, West Virginia

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ASHLEY NGO
Family Medicine
Methodist Hospital
Houston, Texas

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Louisiana State University School of Medicine
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TAM NGUYEN
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Abrazo Health Network
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HSC Medical City Healthcare
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CANDIDATES FOR
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MEDICINE DEGREE
(continued)

AMANDA PARAMORE
Family Medicine
Cahaba Medical Care
Centreville, Alabama

ALEXIS PARKS
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Mobile, Alabama

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Naval Hospital
Jacksonville, Florida

TRAM PHAM
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General Surgery
Rutgers-New Jersey Medical School
Neward, New Jersey

SAMANTHA PINEDO
Family Medicine
Valley Medical Center
Renton, Washington

AMANDA PLEIN
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JULIE POTTER
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Little Rock, Arkansas

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MATTHEW PUERINGER
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JUSTIN PUJA
Family Medicine
In His Image Family Medicine Residency
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SHAWN RAHMAN
Orthopaedic Surgery
John Peter Smith Hospital
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CARLY RANDALL
Child Neurology
University of Virginia
Charlottesville, Virginia

PAWANPREET RANDHAWA
Psychiatry
University of Texas Health Science Center
Tyler, Texas

AISHWARYA RATHOD
Family Medicine
Baylor Scott & White Medical Center
Temple, Texas

JORDAN READ
Orthopaedic Surgery
Western Reserve Hospital
Cuyuhoga, Ohio

ALEXANDER REEB
General Surgery
University of Kansas School of Medicine
Kansas City, Kansas

MARY ANN REED
Family Medicine
Spectrum Health/Michigan State University
Grand Rapids, Michigan

CHRISTELLE REEVES
Obstetrics & Gynecology
HCA Medical City Healthcare
Arlington, Texas

KASSANDRA REYES
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University of Texas at Austin Dell Medical School
Austin, Texas

CONNER REYNOLDS
Diagnostic Radiology
University of Arizona College
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Tucson, Arizona

MARYAM RIAZ
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Temple, Texas

JACOB ROBINSON*
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Baylor Scott & White Medical Center
Temple, Texas

BENJAMIN ROMANOWSKI
Neurology
University of Louisville School of Medicine
Louisville, Kentucky

MATTHEW ROMNEY[^]
Anesthesiology
Brooke Army Medical Center
San Antonio, Texas

TONY ROSHAN
Family Medicine
University of Texas Medical School
Houston, Texas

JEFFERY ROSS
Emergency Medicine
Baylor University Medical Center
Dallas, Texas

*With Honors

[^]Students Receiving Military Commissioning

2021 CANDIDATES

SUKANYA ROY
Family Medicine
University of Texas Medical Branch
Galveston, Texas

ERIKA RUDOLPH*
Pediatrics
University of Texas at Austin Dell Medical School
Austin, Texas

DEBORAH SAJAN
Family Medicine
Valley Baptist Medical Center
Harlingen, Texas

HAMZA SALIM
Internal Medicine
University of Texas Medical Branch
Galveston, Texas

JUSTIN SALMAN*
Internal Medicine
University of Texas Medical School
Houston, Texas

NANCY SANG
Family Medicine
HCA Medical City Healthcare
Fort Worth, Texas

MONIKA SCHMITT
Physical Medicine & Rehabilitation
New York U Grossman School of Medicine
New York City, New York

MELISSA SCHULLEK
Child Neurology
Baylor College of Medicine
Houston, Texas

JAMES SCOTT
Internal Medicine
University of Texas Medical Branch
Galveston, Texas

KAREEN SHAW^
Physical Medicine & Rehabilitation
Walter Reed Army Medical Center
Bethesda, Maryland

JEREMY SHI^
Transitional Year
William Beaumont Army Medical Center
El Paso, Texas

ZACHARY SHIELDS
Emergency Medicine
HCA Medical City Healthcare
Arlington, Texas

RIBESH SHRESTHA
Internal Medicine
University of Texas Health Science Center
San Antonio, Texas

BRANDON SIVORAVONG
Family Medicine
Methodist Health System
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CLAIRE SMITH
Pediatrics
University of Oklahoma College
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Oklahoma City, Oklahoma

CLAY SMITH
Pediatrics
Oklahoma State University Center
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Tulsa, Oklahoma

GREGORY SMITH
Family Medicine
University of Missouri-Kansas City Programs
Kansas City, Missouri

JOHN SMITH
Internal Medicine
Zucker SOM-Northwell Lenox Hill Hospitals
New York City, New York

KATELYN SMITH
Family Medicine
Texas Institute For Graduate Medical Education
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LAUREN SMITHWICK
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University of Texas Health Science Center
San Antonio, Texas

HYWEL SONEY
Internal Medicine
Methodist Health System
Dallas, Texas

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Obstetrics & Gynecology
Methodist Hospital
Houston, Texas

SWATHI SRIDHAR
Anesthesiology
University of Texas Med School
Houston, Texas

BLAKE ST. LOUIS*
Anesthesiology
Medical College of Georgia
Augusta, Georgia

NIVEDHA SUKUMAR
Pediatrics
University of Texas Medical School
Houston, Texas

ZACHARY SUMNER
Family Medicine
Christus Health - Santa Rosa
San Antonio, Texas

KATELYN TATE
Psychiatry
Baylor College of Medicine
Houston, Texas

PRACHI THAPAR
Family Medicine
University of Texas Southwestern Medical School
Dallas, Texas

KEVIN THOMPSON*
Internal Medicine
University of Texas Health Science Center
San Antonio, Texas

BRITTNIE TRAN
Family Medicine
Memorial Hermann Hospital
Sugar Land, Texas

QUANG TUAN TRAN

CANDIDATES FOR
DOCTOR OF OSTEOPATHIC
MEDICINE DEGREE
(continued)

SOPHIA TRAN
Family Medicine
Texas Tech University Affiliate
El Paso, Texas

EMILY TUTT
Family Medicine
University of Wyoming
Casper, Wyoming

PAIGE VICENZI
Pediatrics
University of Texas at Austin Dell Medical School
Austin, Texas

MARCUS VILLARREAL
Pediatrics
University of Texas Health Science Center
San Antonio, Texas

SARA VIVATSON
Pediatrics
Phoenix Children's Hospital
Phoenix, Arizona

LAITH WAHAB
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Temple, Texas

RACHEL WALKER
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SHAWNEE WALLACE
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JARROD WARNOCK[^]
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ALEXA WESTBERG CZMOWSKI
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North Colorado Medical Center
Greeley, Colorado

TREVOR WILLIAMS
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Inspira Health
Vineland, New Jersey

NATALIE WILLIS
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University of Texas at Austin Dell Medical School
Austin, Texas

BRENT WINEMILLER
Transitional Year
HCA Healthcare/University of South Florida
Bayonet Point, Florida

JOSEPH WRIGHT
Family Medicine
Texoma Medical Center
Denison, Texas

NADEEN YASSINE
Internal Medicine
Lewis Gale Medical Center
Salem, Virginia

EMILY ZAKHARY
Emergency Medicine
University of North Carolina Hospitals
Chapel Hill, North Carolina

SAMAD ZIA
Internal Medicine
University of Texas Health Science Center
Tyler, Texas

CANDIDATES FOR
MASTER OF PUBLIC
HEALTH AND DOCTOR OF
OSTEOPATHIC MEDICINE
DEGREE

PARSA AZAM
Psychiatry
Louisiana State University School of Medicine
New Orleans, Louisiana

ELIZABETH DOUGLAS
Internal Medicine
University of Massachusetts Medical School
Worcester, Massachusetts

NISHAN GAJJAR
Internal Medicine
University of Texas Medical Branch
Galveston, Texas

BRYNDIS GRISSOM
Psychiatry
University of Nebraska Medical Center
Omaha, Nebraska

JONATHAN HUGHES
General Surgery
Harris Methodist
Fort Worth, Texas

DAVID LAM
Family Medicine
McLennan County Family Medicine
Waco, Texas

SNEHA SUDANAGUNTA
Obstetrics & Gynecology
Richmond University Medical Center
Staten Island, New York

CANDIDATES FOR
DOCTOR OF OSTEOPATHIC
MEDICINE AND DOCTOR OF
PHILOSOPHY DEGREE

JESSICA HERSH
Family Medicine
University of Texas Health Science Center
Athens, Texas

“Modulation of Astrocyte Phenotype in Response
to T-cell Interaction”
Major Professor: Shaohua Yang, Ph.D.

VICTOR LIN
Anesthesiology
University of Michigan Hospitals
Ann Arbor, Michigan

“Journeying with N-glycanase 1 - Orphan Disease
to Novel Anticancer Target”
Major Professors: Yu-chieh Wang, Ph.D. and
Rebecca Lynn Cunningham, Ph.D.

THE PHARMACIST OATH

I PROMISE TO DEVOTE MYSELF to a lifetime of service to others through the profession of pharmacy. In fulfilling this vow:

I will consider the welfare of humanity and relief of suffering my primary concerns.

I will apply my knowledge, experience and skills to the best of my ability to assure optimal outcomes for my patients.

I will respect and protect all personal and health information entrusted to me.

I will accept the lifelong obligation to improve my professional knowledge and competence.

I will hold myself and my colleagues to the highest principles of our profession's moral, ethical and legal conduct.

I will embrace and advocate changes that improve patient care.

I will utilize my knowledge, skills, experiences and values to prepare the next generation of pharmacists.

I take these vows voluntarily with the full realization of the responsibility with which I am entrusted by the public.

THE PHYSICIAN ASSISTANT OATH

I DO HEREBY PLEDGE my loyalty to the Physician Assistant profession into which I am about to enter.

I will strive to apply my skills only with the utmost respect for the well-being of humanity; being ever vigilant in aiding the general welfare of the community, sustaining its laws and institutions, and not engaging in those practices which will in any way bring shame or discredit upon myself or my profession.

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.

I will not permit considerations of nationality, politics, prejudice or material advancement to intervene between my work and this duty to present and future generations.

I vow to practice my profession with conscience and dignity.

In the presence of this gathering I bind myself to this oath, making it solemnly, freely and upon my honor.

THE PHYSICAL THERAPY OATH

AS I ENTER THE PROFESSION to practice as a physical therapist, I solemnly and willingly pledge the following upon my honor:

I will accept full responsibility for the roles, obligations and actions of the physical therapist.

I will place the interests and needs of patients above my own.

I will demonstrate respect, compassion and empathy for all individuals by advocating on their behalf.

I will consistently use current knowledge by embracing advancement, by challenging mediocrity, and by promoting high standards for practice, education and research.

I will engage in excellence of care by collaborating and communicating effectively with colleagues, with other professionals, and most importantly, with the patient.

I will steadfastly adhere to high ethical principles, professional standards, and all rules and regulations that govern the physical therapy profession.

I will provide physical therapy services with humility to benefit patients, serve the profession, and positively influence society.

Thus, I accept the responsibilities that accompany the practice of physical therapy by freely binding myself to this oath.

THE OSTEOPATHIC OATH

I DO HEREBY AFFIRM my loyalty to
the profession I am about to enter.

I will be mindful of my great responsibility
to preserve the health and the 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 law
and the body's inherent capacity for recovery.

I will be ever vigilant in aiding 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 on 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 truth to the healing arts and
to develop the principles of osteopathic medicine
as taught by my profession.

In the presence of this gathering
I bind myself to this oath.

ACADEMIC REGALIA

THE PAGEANTRY AND DRESS of the academic procession are inherited from the medieval universities of the 11th and 12th centuries. Academic life as we know it began in the Middle Ages, first in the church and later in the teaching guilds, where dress was the outward sign of privilege and responsibility.

Principal features of academic dress are the gown, cap and hood. In 1895, American universities agreed upon a definite system of academic dress, which was revised in 1932.

While it originally may have been worn as protection against the cold of unheated buildings, the flowing gown today is a symbol of the democracy of scholarship. It is black for all dress, with pointed sleeves for the bachelor's degree. For the doctoral degree, the gown is also faced down the front with velvet, and its sleeves are trimmed with three bars of velvet in the color representative of the faculty or discipline to which the degree pertains.

The academic cap is a sign of freedom of scholarship, and the responsibility and dignity with which scholarship endows the wearer. The color of the tassel denotes the degree level.

The hood is trimmed with one or more chevrons of a secondary color on the ground of the primary color of the college. The color of the facing denotes the discipline represented by the degree. The color lining designates the college or university from which the dress was granted. Hoods are lined in graphite and teal, the colors of The University of North Texas Science Center at Fort Worth. Graduates receiving Doctor of Osteopathic Medicine degrees and Master of Physician Assistant Studies degrees have gowns and hoods trimmed in green. Graduates receiving Doctor of Philosophy degrees have gowns and hoods trimmed in blue and Doctor of Physical Therapy graduates have gowns and hoods trimmed in teal. Graduates receiving Master of Science degrees have hoods trimmed in gold. Graduates receiving Doctor of Public Health and Master of Public Health degrees have hoods trimmed in salmon with Master of Health Administration graduates wearing hoods trimmed in white. Graduates receiving a Doctor of Pharmacy degree have gowns and hoods trimmed in olive.

Medallions worn by some faculty are for the academic commendation for excellence. They are given to those who have received the highest possible ranking on their posttenure review. President's Faculty Award recipient medallions honor their contributions to education, research or clinical care. Gold cords designate academic honors to the top 10% of graduates in the Texas College of Osteopathic Medicine and System College of Pharmacy, top 20% of graduates in Physician Assistant Studies and top 10% of graduates in the School of Public Health. The graduate from each academic program who was honored with the Dean's award will wear a traditional stole indicating the honor. The blue and white silk cords worn by some faculty and students signify membership in Sigma Xi, the scientific research society. Public Health graduates and faculty who have been accepted into the Delta Omega Honorary Society wear the traditional stole of black and salmon. Red and blue cords are worn by Public Health graduates who have been accepted into the Upsilon Phi Delta Honor Society. Physician Assistant Studies graduates and faculty who have been accepted in the Pi Alpha Honor Society wear the traditional honor cords of blue and green. Gold and green cords are worn by TCOM faculty and graduates that have been accepted into the Gold Humanism Honor Society. The brown and white cords are worn by TCOM graduates who participated in the Rural Osteopathic Medical Education (ROME) Scholars program.

The University of North Texas Health Science Center at Fort Worth graduates who are veterans of the United States military are recognized by wearing navy blue stoles adorned with the stars and words, "Valor and Respect, United States Veteran." The red, white and blue cords are worn by graduates who are currently active-duty or will become active-duty upon graduation.

THE MACE

ONCE A FAMILIAR WEAPON in medieval combat, the mace evolved over time into a symbol of rulership, and then became associated with the pride of a nation and its origins.

Later, the mace was adopted by universities as a symbol of the power of the academic quest for truth and wisdom. It was, and still is, carried at academic processions not only to bring authority to ceremonial occasions, but also

to symbolize the unity and aspirations of the collegial community. The mace is a mahogany staff bearing the seal of The University of North Texas Health Science Center at Fort Worth on one side and the seal of the University of North Texas on the other. A laurel wreath encircles the two seals, symbolically tying them together. The staff signifies the continuous filling and outpouring of knowledge within the academic institution.

THE UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH

THE UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH is located in the heart of the Cultural District creating solutions for a healthier community through education, research and patient care. Established in 1970 with the founding of the Texas College of Osteopathic Medicine, the name of the institution was changed to The University of North Texas Health Science Center at Fort Worth with the addition of the Graduate School of Biomedical Sciences in 1993. In 1999, HSC became a part of the University of North

Texas System. Today, the six-school campus comprises the Texas College of Osteopathic Medicine, Graduate School of Biomedical Sciences, School of Public Health, School of Health Professions, College of Pharmacy and the TCU and HSC School of Medicine. Our faculty constitutes HSC Health, a multi-disciplinary group medical practice with a focus on primary care and preventive medicine. Key areas of inter-professional strength include aging and Alzheimer's disease, applied genetics, primary care and prevention.



*Congratulations and welcome to
the HSC Alumni Association.*

www.unthsc.edu/alumni
