

# Wednesday, May 22, 2024

One O'clock in the Afternoon Dickies Arena Fort Worth, Texas

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

#### Prelude

#### PROCESSIONAL

#### PRESENTATION OF COLORS

#### NATIONAL ANTHEM\*

WELCOME RADM (Ret) Sylvia Trent-Adams, Ph.D., R.N. HSC President

#### MILITARY COMMISSIONING Major General (Ret) Brian C. Newby, USAF

#### PRESENTATION OF THE HSC HEALTH AWARD

PRESENTATION OF THE PRESIDENT'S AWARD FOR SCHOLARLY EXCELLENCE

PRESENTATION OF THE CHANCELLOR'S AWARD FOR SCHOLARLY EXCELLENCE

PRESENTATION OF THE PRESIDENT'S ALUMNI AWARD FOR DISTINGUISHED SERVICE

PRESENTATION OF CANDIDATES FOR MASTER OF SCIENCE IN APPLIED OUTCOMES RESEARCH, MASTER OF SCIENCE IN DRUG DISCOVERY AND DEVELOPMENT, AND DOCTOR OF PHARMACY DEGREES Annesha White, Pharm.D., M.S., Ph.D. Interim Dean and Associate Professor of Pharmacotherapy

PRESENTATION OF CANDIDATES FOR MASTER OF SCIENCE IN 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 HEALTH ADMINISTRATION, MASTER OF PUBLIC HEALTH, MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY DEGREES Shafik Dharamsi, Ph.D. Dean and Professor, School of Public Health

PRESENTATION OF CANDIDATES FOR BACHELOR OF SCIENCE, MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY DEGREES Dimitrios Karamichos, Ph.D., M.S. Interim Dean, Executive Director of NTERI and Professor of Pharmaceutical Sciences

\*Audience Please Stand

PRESENTATION OF CANDIDATES FOR DOCTOR OF OSTEOPATHIC MEDICINE DEGREE Lisa R. Nash, D.O., MS-HPEd Senior Associate Dean, Texas College of Osteopathic Medicine, Office of Educational Programs & GME

> PRESENTATION OF CANDIDATE FOR MASTER OF HEALTH ADMINISTRATION AND DOCTOR OF PHARMACY DEGREES Dr. Annesha White

PRESENTATION OF CANDIDATES FOR MASTER OF PUBLIC HEALTH AND DOCTOR OF OSTEOPATHIC MEDICINE DEGREES Dr. Lisa R. Nash

PRESENTATION OF CANDIDATE FOR DOCTOR OF OSTEOPATHIC MEDICINE AND DOCTOR OF PHILOSOPHY DEGREES Dr. Dimitrios Karamichos

> CONFERRING OF DEGREES Dr. Sylvia Trent-Adams

#### **RECOGNITION OF CANDIDATES**

UNT SYSTEM COLLEGE OF PHARMACY OATH Dr. Annesha White

PHYSICIAN ASSISTANT OATH Lauren Dobbs, M.M.S., PA-C Associate Professor and Chair/Program Director, Physician Assistant Studies

PHYSICAL THERAPY OATH Michael Furtado, P.T., D.P.T., Ed.D. Chair and Associate Professor, Department of Physical Therapy

PUBLIC HEALTH PROFESSIONAL'S OATH Rajesh R. Nandy, Ph.D. Associate Professor of Biostatistics and Interim Co-Chair, Department of Population & Community Health

> BIOMEDICAL SCIENTIST'S OATH Marcel Satsky Kerr, Ph.D. Associate Dean, Academic Affairs & Undergraduate Education

> > OSTEOPATHIC OATH Dr. Lisa R. Nash

#### CLOSING REMARKS

#### RECESSIONAL\*

GRAND MARSHAL Veda Womack, M.B.A., PA-C President of Faculty Senate

#### FACULTY GONFALON CARRIER

Michelle Ndiulor, Pharm.D., B.C.A.C.P. Assistant Professor, Pharmacotherapy UNT System College of Pharmacy

#### ALUMNI GONFALON CARRIERS

COLLEGE OF NURSING Tonychris Nnaka, Ph.D., M.P.H, R.N., C.P.H. Associate Dean for Research and Associate Professor Class of 2018

UNT SYSTEM COLLEGE OF PHARMACY Frank Ssentamu, Pharm.D. Class of 2021

SCHOOL OF HEALTH PROFESSIONS DEPARTMENT OF PHYSICAL THERAPY Alex Bonnette, D.P.T. Class of 2014

SCHOOL OF PUBLIC HEALTH Catherine Sembajwe-Reeves, Ed.D., M.A. Master of Health Administration Program Director and Assistant Professor

SCHOOL OF BIOMEDICAL SCIENCES Lisa Hodge, Ph.D. Assistant Dean of Specialized Programs and Associate Professor Class of 2001

TEXAS COLLEGE OF OSTEOPATHIC MEDICINE Michael Broadbent, D.O. Class of 1998

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

SOLOIST Erica V. Simmons, D.M.A. UNT Alumna

\*Audience Please Stand

### HSC HEALTH AWARD FOR SCHOLARLY EXCELLENCE

The HSC Health Award for Scholarly Excellence is awarded 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 a graduate 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 an outstanding graduate from The University of North Texas Health Science Center at Fort Worth with an emphasis on scholarly research.

### PRESIDENT'S ALUMNI AWARD FOR DISTINGUISHED SERVICE

The President's Alumni Award for Distinguished Service is given to an alum who demonstrates their commitment to the university's 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, an alum who challenges conventional approaches to social, clinical or personal issues in order to achieve excellence is recognized.

# The President's Alumni Award for Distinguished Service



## ROHIT P. OJHA, DrPH, FACE

Dr. Rohit P. Ojha, DrPH, FACE, serves as the director of the Center for Epidemiology & Healthcare Delivery Research at JPS Health Network in Fort Worth. He also is an associate professor in the Department of Medical Education at the TCU Burnett School of Medicine. Ojha has served as an adjunct associate professor in The University of North Texas Health Science Center at Fort Worth's Department of Biostatistics & Epidemiology in the School of Public Health.

Ojha is an alumnus of HSC's School of Public Health, graduating in 2010. Throughout his career, he has helped advance the improvement of patient outcomes in the treatment and prevention of cancer, diabetes,

infectious diseases like HIV and Hepatitis C, and maternal and child health.

In 2010, JPS recruited Ojha to establish a new Center for Outcomes Research and serve as its director. He and his team studied the clinical, lifestyle and behavioral factors that can impact the health outcomes of underserved populations. Prior to joining JPS, Ojha worked as a research faculty member in the Department of Epidemiology & Cancer Control at St. Jude's Children's Research Hospital in Memphis.

Ojha has published numerous research studies, is a Fellow of the American College of Epidemiology, serves on the editorial board for Preventative Medicine and is a member of America's Essential Hospitals Innovation Committee. He has been cited in more than 80 peer-reviewed publications on topics ranging from food insecurity in the U.S., statin prescriptions for people living with HIV and opioid use disorder, and evidence-based cancer treatment to dietary supplement use among adult survivors of childhood cancer, mortality disparities for socioeconomically disadvantaged cancer patients and other critical health-related concerns.

## UNT SYSTEM COLLEGE OF PHARMACY

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### CANDIDATES FOR MASTER OF SCIENCE IN APPLIED OUTCOMES RESEARCH DEGREE

WALTER AGBOR

PATRICK PITHUA

### CANDIDATES FOR MASTER OF SCIENCE IN DRUG DISCOVERY AND DEVELOPMENT DEGREE

Anna Arredondo Hoi Lee

## CANDIDATES FOR DOCTOR OF PHARMACY DEGREE

MARYAM ABDULRAZZAO Abdullah Abu Altemen CHIZOBA ACHUAMA KATHERINE ACOSTA Emmanuel Adebunmi NURAIN ADEGOKE CLARE ADUWARI TOLULOPE AFOLABI Gerardo Aguilar SARAH ALBAUGH § MIRABELLA ALFARO George Anibowei THAO APARICIO ATIOA ARIF Dou Aroldou BRITTANY BASKETT § WILLIAM BRUNNER LAUREN CAGLE **JHEEN CATER** 

CINDY CHESUMBAI WHITNEY CHINWUBA RACHEL CLARK + SAMMY DAAS § Issam Dabliz Ranjana Danegulu TARANDEEP DEOL Kim Doan VANESSA DOAN Daniel Ezeji MICHELLE GALVEZ § SUSAN GATHIMBA SHANNYN GILCHRIST-OATES § BRITTNEY GUILBEAU § JASMINE HILL § NIA HINDS BACH HOANG AMANY ISKANDER § Theodora Iwudibia SULIN KAMT + GANIAT KEHINDE SUWAN KIM MI LAM LAINI LONG + Stella Mabhugu CHINONYE MADUNEZIM + VICTOR MANZANO JACOB MATHAI § ASHLYNNE MATSON DYLAN MCNUTT NICHOLAS MILLER Josiah Monclova VISHAL MYNAMPALLY AARON NGUYEN

ANGEL NGUYENLY § SANDRA NZALIE HEEMIN OH YOSR OMRAN CHINEMEREM OPARA § JANICE OSEI § CHELEEN PARK § Shivani Patel CHRISTIE PERKINS HEATHER PHILLIPS TRACI PRESLEY § Linda Ramos LAUREN ROBERTSON § Emmanuel Rodriguez § Ross Sakowski ELOISA SANCHEZ HERNANDEZ CAIN SCHULTEIS KAANAN SHAH § VAIDEHI SHAH REEM SIDDIG FAITH SPIVEY § FATEMA TALEP SYDNEY THOMPSON § KHAI TRAN TIGER TRINH Chidiebube Ukaegbu ELISE VO Somehit Vongsavath HAMAN CEDRIC KENGNE WANKAM NALY WONGBAR KALYN WRIGHT § ALEXIS ZAMORA § Iman Zidan

## SCHOOL OF HEALTH PROFESSIONS

## CANDIDATES FOR MASTER OF SCIENCE IN LIFESTYLE HEALTH SCIENCES AND COACHING DEGREE

Suz Ali MAYRA AVINA STEFANIE BARR JEANICE BEESON Emma Bressler MEGAN BULLARD TAYE CHADWELL CHRISTINE CONLEY JENIFER GARZA Nora Gerhardt ROBYN GOSS JACQUELINE GREEN Angelia Grona Jenna Hamilton MIKAELA HIRES YVETTE JOHNSON DULCE MARTINEZ ACOSTA VANESSA MENDEZ CARA MUENZLER TIFFANI MURPHY FRANCESCA NELSON KIMBERLY NICHOLSON AARON ODEN Poojakumari Patel NINA PAUL SARAH PIKE DAISY REYNA

Julio Rodriguez Linda Rowan LINDSEY SCHOENFELD KAREN SMITH KIRA SPIRO DARLENE WATKINS CAILYNN WIDEMON MARLAINA WIDMANN NYASHA-JTOI WILSON **CANDIDATES FOR** MASTER OF PHYSICIAN **ASSISTANT STUDIES** DEGREE Beulah Akpan RAABIA ANSARI NOET AVILA CONNOR BAZE \* RENE BEDRICH DAVINDER-DEEP BHANGOO NINA BHARADWAJ \* CHRISTINA BISHOP \* **JULIA BROWN** \* THUY BUI Demir Candas **JUSTIN CHAVES** JANE CHEW **JANNEL DAVILA** Hector De Pena SOPHIE DUCHESNE \* Emma Ehret ELIZABETH FATA \* KRISTIN FELIX HALEY FITZPATRICK \* JACQUELINE FUNK

Benjamin Galenzoski ZAINA GHARBIEH VICTORIA GUTIERREZ Kyra Hajovsky \* SABRINA HAMILTON IFFAT HASHMI Rylee Iacomini \* MISTY IKERD \* CHEYENNE IVEY Allan Johnson BRANDI KAMPER TRAVIS KANNARR JAMES KIRK MINH-THY LE SCHUYLER LEE KATHRYN LOVETT Morgan Magnuson Kristan Marquez JOSHUA MATTHEWS JOHN MOLSTAD Elle Moritz MARGARET MORRIS Agathe Mpemba JAMIE MULLINS Megan Northcutt EBONY OJEMI ABIGALE OSBORNE Emanuela Plummer KATHERINE REBEIL \* JACOB RIVERA KANEDRA ROBERTS COURTNEY ROGERS ELIZABETH SANDERS

NOAH SANDUSKY JARED SCHEURICH MARY SHERFEY RYLIE SPELL \* Alisha Stephen ADEBOLA SULAIMAN > MIRANDA SWANBERG TREVOR TICE \* Jorde Trudel RACHEL TRUITT MICAH VAN YPEREN \* Lebria Ware Morgan Webb LAUREN WHISLER RAEGAN WHITTAKER RYAN WOOD **CANDIDATES FOR** DOCTOR OF PHYSICAL THERAPY DEGREE Nimotallah Abdurrazao MAX AMORMINO CAMEIA ANDERSON Kellan Barry ZACHARY BRECK CHELSEA BUCHTA \* COURTNEI BUCKLEY **ELIZABETH BUESING** \* Erin Burk EDSTEVE CELESTIN GABRIELLE CHANEY CAITLIN COSTON MADELYN DI ORIO Selena Elerson

Annika Fields Elisha Fierro EDGAR FRANCO VALERIA GALVAN GODINES Oscar Gomez Delgado NAJAH HARVEY EMILY HAUGEN Sonora Higgs ALYSSA KIMBER **RACHEL KINGSTON** GIULIANA MADRIGALI Ancelmo Mojarro Kyle Nguyen SYDNEY NGUYEN \* SHANNON NINAN \* CARLOS OSUNA LAUREN PATE JAELYNN PAYNE Pablo Puga Addison Ramsay COLTON RAMSEY \* KASON REEVES Yuzek Rodriguez ZARIA SANDERS LAUREN SULLIVAN \* LOGAN TEAGARDEN \* STACEY TRELFORD \* KARYNA VALENCIA MELISSA VASQUEZ \* **RE'VAN WILLIAMS** 

## SCHOOL OF PUBLIC HEALTH

### CANDIDATES FOR MASTER OF HEALTH ADMINISTRATION DEGREE

ENEFE ADAJI \* Eliseo Ceja OLIVIA HURST \* Сніамака Іке \* JAQUELIN LARA \* MICHAEL LEARY \* RYLEE MILLER \* ZOEY MUHIA \* Apoorva Neeli \* PAXTON PEDERSON LINDSAY POLLOK \* CASHAUNA STEPHENS \* LONI URE \* MICHAEL VANPELT **CANDIDATES FOR** MASTER OF PUBLIC HEALTH DEGREE Alejandra Aguilar Abdulrahman Alaqil ESME ANAAB MANAL AYUB CHIDINMA AZUONYE SHARA BAKER CHRISTINA BELMARES EMILY BENEDICT \* Lydia Bristol SOPHIA BROCKMAN

KATELYNNE CALLENDER

Sarah Canales

JESSICA CHAMBERS \*

DALILA COIMBRA \*

TAKASHA EHIOGU \*

Adelaide Essah

FOLASADE FASHINA

Marisa Flores

Sheira Gentle

Ashreen Ghalib

Ashton Hinckley

April Hull

Sarah Ibrahim

Asma Jabeen

Fatou Kebe

IBSHAR KHANDAKAR \*

Amoin Daniele Ivanne Kouame

Sonal Mehrotra

Ariana Mendoza

CARL MIRUS

Ryan Neff

EVELYN NGUYEN

BRYAN-TYLER ORR

Dhruvi Prafulla Pradhan

CATHERINE RIGGLE

Pavani Sayana

Rishma Shah

Mona Sheikh

Amelia Solis

GABRIELLA STOCKETT \*

Eva Studer

BRITTNEY STURGIS

HEATHER THAMES \*

Anita Thomas

MITCHELL TORRES

Chioma Udegbune

ISABEL VEGA CALDERON

Aria Walker \*

MADELEINE WILLIAMS \*

KENCY WINSLOW

### CANDIDATES FOR MASTER OF SCIENCE DEGREE

KAELI JOHNSON "Informational Sources About Breastfeeding Associated with Breastfeeding Initiation: Insights into Racial Disparities" Major Professor: Stacey Griner, Ph.D.

EDNA PATRICIA MENDOZA "Multi-hazard assessment of Kyrgyz Republic's Osh Region using Maximum Entropy" Major Professor: Zhengyang Zhou, Ph.D.

#### CANDIDATE FOR DOCTOR OF PHILOSOPHY DEGREE

NATHANIEL WEBB \* "Structural Determinants of Health Among Transgender Populations: Policing, Sex Work, and HIV" Major Professor: Nolan Kline, Ph.D.

## SCHOOL OF BIOMEDICAL SCIENCES

### CANDIDATES FOR BACHELOR OF SCIENCE DEGREE

MURAAD BARAKAT \*

JORDAN EASTERLING \*

Raiyaan Khaja \*

CHRISTINE NWANNA

Kemiah Owoh

Ethan Rummel \*

Syed Tirmizi

HAO-LONG TRAN

#### CANDIDATES FOR MASTER OF SCIENCE DEGREE (NONTHESIS)

MARIAH ACKERSON VICTORIA ADELEKE Alyssa Adelman Snehi Adhikari FATIMA AHMAD SARAH AL NEMRI SARA ALDARKAZANLY PAXTON ALEXANDER HANA BADER ALI MUHAMMAD ALI AYAH ALIASER SARA AL-SAMMARRAIE CALEB ANDERSON JACEY APPLEWHITE ALBERTO ARANDA Monica Arguelles Llamas NATALIE ARIAS OJASVI ARYA ANSLEY AUSTIN Abigail Averill Joshua Ayala SUHAS BABU LANDON BERNIER SEATON BERRY KAILEE BISHOP Temiloluwa Bolaii-Oyenekan Preston Bonadiman CHAITALI BOTCHA CAROLINE BOWERS Bria Brown Cortland Brown

LILLY BRUSDEILINS EMILY BUELL VACARIE BURGESS ZAHEER BURNEY VANESSA CABRERA COBY CALVERY Samantha Camacho Adrian Carrillo BLAKE CASH KRYSTAL CASILLAS Eduardo Castro ALISON CHAPMAN JULIE CHAU LINDSAY CHIN JONATHAN CORIA CARSON COX MICHAEL CRITELLI JADAN CROW Rithika Dandeboyina VIVIAN DANG TIA DARWICH TAM DAU Iliana De La Cruz ZACHARY DEFRANG HANNAH DELLALIBERA ASHLEY DELZELL PEDRO DIAZ LINDSEY DODSON BRENSON DUNN STEPHANIE DURAN Georgia Durham TESSA ECKEBERGER NESREEN EL-REFAEI CHRISTINA ESTERS

HANNELORE ESTERS ERICK ESTRELLA CHRISTOPHER EVARISTO SAHAR FATTANI MARTIN FEYES Tana Fisk REBECCA FLEMING Zorah Fluker PRESTON FOSTER CHEYANNE FROMAN ZAYNA FULTON Reethika Gade KAITLIN GALASSINI Idania Gaivan LIZBETH GARCIA JARED GARRISON Aqib Gazi Roumina Ghamarian Nakshu Ghuman CLARISSE GIRISHEJA Sofia Gonzalez Higgins NICOLE GRAY DANIEL GREEN-MOORE VINCENT GUARNERE Maha Gul Neeku Hadadnejad SAMAR HAIDER BETHANY HALL JAMES HANKINSON Eman Haque ATIQ HASAN Mostafa Hasan JAYMES HASS BENIAMIN HAVERTY ^

MARISSA HENLEY JONATHAN HERMES DIANA HERNANDEZ OLMOS AARON HERRERA Indira Herrero Asiah Himawan JACK HITTSON-SMITH BRANDON JORDAN HOM KATELYN HOYLE IADA HUDSON LANE HUGHES HAILEY HUNT JONATHAN HUNTER LORIN HUTANU Syed Ibrahimuddin DIANE IDIABOLO MARY ILIUKEVICH SASHA ISLAM Ehijie Itoya MILED JABOR JR. Devan Jackson GAYATHR JAMES JAMES JANUSCH GRAYSON JARVIS Sumaiya Jawaid Arlena John Sharon John JARRETT JOHNSON JESS JOHNSON LONDON JOHNSON Robin Jones Fitzgerald Joseph Joseph Judd ERIN KEELY

MARGARITA KHACHATURYAN Aihber Khan Faiza Khan Ruhma Khan Ishna Khawaja SANAM KIVANANY JULIA KLAVON TIANA KNOTT Ananya Kurri TALIA LAUFER CHAITANYA LAVU HUNG LE NGUYEN JOSHUA LEE Johann Li Sheau-Li Liang LAUREN LOCKHART JENNIFER LOYA VALBONA LUMANI Myla Luu SENG MAHKAW TIFFANY MAI Sneha Manoharan KARELY MAR TREVIZO Alejandra Marquez LILLIAN MARQUIS HUNTER MARTIN JENNIFER MARTINEZ KARILYNN MARTINEZ RICARDO MARTINEZ KALLIE MCWHINNEY REYHAN MEETHEEN HAYDON MILLER PAYTON MILLER ABYSSINIA MOGES

CAMERON MOHAMMADI Zohal Mohammady GWENDOLYN MOORES BRANDON MORENO Luke Morgan GABRIELLA MUENSTER VISHAL MUNDODI Alexia Munoz DESIREE MUNOZ MATTHEW MURPHY MEHERAI MUSA MADELINE MYERS CAROLINA NANEZ SAAD NAZEER Soumya Neerukonda Kyle Nevitt DAN NGUYEN DAVID NGUYEN HELEN NGUYEN HUNTER NGUYEN IENNY NGUYEN SOPHIA NGUYEN THAO NGUYEN TIMOTHY NGUYEN TRUONG NGUYEN UYEN NGUYEN Skylar Nielsen Dafe Ogbojo Wonju Oh Leora Ojadi BRIAN OKECHA BOLAJI OMOFOJOYE MARIE ONGPIN DAVID ORAFUNAM

ABIGAEL OSHODI MARIAM OSMAN JUSTIN PARK JAYKISH PATEL Kendall Payne ALEXIS PEREIRA HARRISON PEYROVI VIVIAN PHAM Long Phan Ouynh Phan VICTORIA PHIPPS BRANDT PILGRAM JENNIFER PINEDA TIANA PINIECKI CHRISTOPHER POWERS Uzma Quraishi PATRICK RAGLAND JENIL RANA Julia Reid AOUN RIZVI CARCYN ROBERTSON Adriana Robledo LISETTE ROJERO-SANDOVAL Jose Romero JUSTIN ROY LAMARY RUNNELS MADELINE SALAZAR GLORIA SANCHEZ AVINAV SANIEL CHARLEE SCAFF TIMOTHY SCHAEFER **ERIN SCHILLINGS** LAUREN SCHOECH ILEANA SCOCCIA

DIJESH SHAH KALEY SHAW SAMAY SHIVSHANKAR CAMRYN SILER CASEY SKINNER JENSEN SMITH JUSTIN SMITH KIERSTEN SNEED ERICA SORIANO **OUINSTON STUBBS** MARLANA SWANN DAVID TABANCKIEWICZ MICHAEL TALBOT Raul Teiada Figueroa HANAN TEKLU MIKE TENIE-KENGMENI NATHANIEL TEPLITSKIY CAROLYN TOWNSEND TONY TRABULSI ANNETTE TRAN KAITLYN TRAN ROBERT UNDERDAL SANDRA URAGU Mackenzie Van Gossen LAURA VASOUEZ Alec Vi VICTORIA VILLA Sofia Villanueva KHIRSTYN VU STAN VU STEPHEN VU SIDDARTH VYAS HALEY WILLIAMS

Monica Williamson

CHANDLER WINTERS

Alexander Wolski Tamsyn Wombwell

KIMBERLY WOOD

Rhayne Woods

Zayd Yaghi

FLORENCE YAMOAH

Jennifer Yang

Areea Yassan

Albara Younis

ZAINAB YOUSAF

Alisa Zambrano

### CANDIDATES FOR MASTER OF SCIENCE DEGREE (THESIS)

NOURHAN AHMED "Chemotherapy Drugs Alter the Expression of NKrelated Immune Receptors and Enhance Development of LSC-like Features in Pediatric ALL" Major Professor: Stephen Mathew, Ph.D.

OPEMIPO AJAPE "The Future of Medicine: Exploring the Acceleration of Drug Development with Decentralized Clinical Trials" Major Professor: Roxanne Zascavage, Ph.D.

SHAHAD ALRAWI "Biopsychosocial Factors Related to Weight Loss for Adults with Acquired Brain Injury Individuals in the Diabetes Prevention Program Group Lifestyles Balance." Major Professor: Lisa Hodge, Ph.D.

Genardine Arizala "Identifying Strategies to Improve Recruitment and Representation of South Asian Immigrants in Aging Research Studies" Major Professor: Malinee Neelamegam, Ph.D.

CHLOE BOETTGER "Assessment of Digit Skin Temperatures via Infrared Thermography Under Different Climatic Conditions" Major Professor: Scott Maddux, Ph.D.

CHELSEA BONSU "Enhancing the Effectiveness of Serious Adverse Event Reporting in Clinical Trials: A Framework for Continuous Improvement" Major Professor: Pankaj Chaudhary, Ph.D. JEANFELIX CHAVEZ "Assessing the Correlation between Innovativeness and Likelihood of Using Self-Sampling STI Tests within Young Women" Major Professor: Stacey Griner, Ph.D.

MANEESHA CHENAMSETTY "Single Center Analysis of Cardiogenic Shock Outcomes in the Cardiac ICU and Non-Cardiovascular ICU Setting" Major Professor: Cameron Millar, Ph.D.

TIFFANY DUQUE "Dna Detection Using Fluorescent Dyes And Subsequent Str Profiling" Major Professor: Michael Coble, Ph.D.

TONY EASO "ADAM19 AND ADAMTS4 expression in Human Optic Nerve Head Astrocytes" Major Professor: Tara Tovar-Vidales, Ph.D.

DAYLON FARIAS "Management and Outcomes of Patients Undergoing High-Risk Oncologic Surgery: Do Patients Treated at Multidisciplinary Tumor Board Fair Better?" Major Professor: Stephen Mathew, Ph.D.

DANA FARSAKH "Retrospective Analysis of Direct-Acting Antiviral Regimens on Hepatitis C Viremic Donor Heart Transplant Outcomes" Major Professor: Lisa Hodge, Ph.D.

Alexia Alejos Guerra "Prospective Analysis of Data Involving Oligoprogressive Renal Cell Carcinoma Patients" Major Professor: Amalendu Ranjan, Ph.D.

NIHARIKA GURIGINJAKUNTA "Carvedilol, an Alternative for Lowering Liver Stiffness in Patients with Cirrhosis and Portal Hypertension" Major Professor: Umesh Sankpal, Ph.D.

LINDSEY HUDSON "The Interaction Between Arterial Stiffness, Amplitude of Cerebral Blood Flow Oscillations, and Cerebral Tissue Oxygenation" Major Professor: Caroline Rickards, Ph.D.

SAHAR ISMAIL "Evaluating the Effectiveness and Ethical Implications of Disclosures in Conflict of Interest Management within Research Academic Institutions" Major Professor: Stephen Mathew, Ph.D.

Alan Jacob "Association of Community Distress and Risk of Adverse Events on the Lung Transplant Waitlist" Major Professor: Stephen Mathew, Ph.D. RACHEL JEFFERIES "Characteristics and Outcomes of Observed versus Resected Pancreatic Neuroendocrine Tumors" Major Professor: Joseph Malaer, Ph.D.

KIM-TUYEN LE "The Neuroprotective Effects of SA-10 Nanoparticles in a Mouse Model of Retinal Ischemia/Reperfusion Injury" Maior Professor: Dorota Stankowska, Ph.D.

MARILYN MALDONADO "Optimizing Workflows to Enhance Principal Investigator Satisfaction and Boost Patient Recruitment" Major Professor: Raghu Krishnamoorthy, Ph.D.

JACKSON MILLER "Substance Use Disorder Training Material for the Developmentally Disabled in Healthcare Systems" Major Professor: Kimberly Fulda, Ph.D.

WHITNEY MILLER "Cancer Incidences and Outcomes in Adolescent and Young Adult Patients Living in Food Deserts - A Retrospective Study at Cook Children's Medical Center" Major Professor: Riyaz Basha, Ph.D.

JOSHUA PERKINS "The functional Role of Lectin-Like Transcript 1 (LLT1) in Hepatocellular Carcinoma" Major Professor: Stephen Mathew, Ph.D.

KATELYNN SEPKE "Assessing Neural-Glial Metabolic Interactions in Glaucoma" Major Professor: Denise Inman, Ph.D.

NICHOLAS SINGLETON "Legislature Impacting Transgender Health: A Systematic Review Exploring the Possible Implications on Medical Providers." Major Professor: Nolan Kline, Ph.D.

MADELINE SLATER "Evaluating the Correlation of Gender in a Multivariable Analysis of Chronic Low-Back Pain Outcomes" Major Professor: Mark Cunningham, Ph.D.

MERIN VARGHESE "Examining the Impact of Multiple Clinical Profiles on Recovery Time in Pediatric Patients with Sports-Related Concussion" Major Professor: Paula Gregory, Ph.D.

DANIEL ZAMORA-LARA "Effects of Disease Severity and Perception of Management on Willingness/Openness to Research Trials in Phenylketonuria Patients" Major Professor: Robert Mallet, Ph.D.

### CANDIDATES FOR DOCTOR OF PHILOSOPHY DEGREE

CHARLES AMANKWA "Unraveling the Mechanistic Role and Delivery of Hybrid Nitric-Oxide Donating and Antioxidant Small Molecules in Experimental Model of Ocular Hypertension" Major Professor: Suchismita Acharya, Ph.D.

Akpedje Dossou "Optimization and In-Vitro Evaluation of Mannose-Decorated Reconstituted High-Density Lipoprotein Nanoparticles for the Targeting of Tumor-Associated Macrophages" Major Professor: Rance Berg, Ph.D.

SIYANG LIN "Pericyte Dysfunction Contributes to Vascular Cognitive Impairment Induced by Chronic Cerebral Hypoperfusion in Rats" Major Professor: Kunlin Jin, Ph.D.

PAAPA MENSAH-KANE "Hyperbaric Oxygen Therapy in 5XFAD Mice: Unraveling Cognitive, Motor, Affective Sex-Specific Effects and Mechanisms of Action" Major Professor: Nathalie Sumien, Ph.D.

JENNIFER PHAM "Evaluation of SA Compounds and Their PLGA Nanosuspension on the Glaucomatous Neurodegeneration of Retinal Ganglion Cells" Major Professor: Dorota Stankowska, Ph.D.

RAUCHELLE RICHEY "Heat Exposure: Acute Microcirculatory Adjustments and Long-term Adaptation" Major Professor: Steven Romero, Ph.D.

TAYLOR ROBERTSON "Investigating the Link Between Gross Anatomy and Ultrasound Education: Implications for Students Learning clinical anatomy" Major Professor: Rustin Reeves, Ph.D.

YU TAO "Exaggerated Store-operated Calcium Entry Contributes to High-glucose Induced Podocyte Injury in Diabetic Nephropathy" Major Professor: Rong Ma, Ph.D.

MEGAN WILLIAMS "Suppression of Adaptive Immunity by Borrelia Burgdorferi in the Murine Host" Major Professor: Michael Allen, Ph.D.

JINMIN ZHANG "New Insights into the Roles of Glutaredoxins in the Lens" Major Professor: Hongli Wu, Ph.D.

## TEXAS COLLEGE OF OSTEOPATHIC MEDICINE

CANDIDATES FOR DOCTOR OF OSTEOPATHIC MEDICINE DEGREE

BRIAN AGUIRRE Family Medicine Baylor University Medical Center Waxahachie, Texas

> YASEEN AHMAD Family Medicine Texoma Medical Center Denison, Texas

AFFAN AHMED Internal Medicine Methodist Health System Dallas Dallas, Texas

OMER AHMED Internal Medicine HCA Medical City Healthcare Fort Worth, Texas

MUHAMMAD AISHAT Transitional Year John Peter Smith Hospital Fort Worth, Texas

Rukaiya Akhtar Family Medicine Waco Family Medicine Waco, Texas

SABITA ALE THAPA INTERNAL MEDICINE TEXAS HEALTH RESOURCES BEDFORD, TEXAS

SARAH ANDRADE Physical Medicine and Rehabilitation Baylor University Medical Center Dallas, Texas

CALLIE ANGELL Obstetrics and Gynecology Ascension Providence - Michigan State University Southfield, Michigan

NASER ASFOOR Internal Medicine Baylor Scott & White Medical Center Temple, Texas

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> Sienna Benavides Obstetrics and Gynecology John Peter Smith Hospital Fort Worth, Texas

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LIAM BIARD Internal Medicine Baylor Scott & White All Saints Medical Center Fort Worth, Texas

JUSTIN BLAKLEY Surgery Preliminary University of Texas Southwestern Medical School Dallas, Texas

> MAKAYLA BRADBURY Family Medicine Methodist Health System Dallas Dallas, Texas

> > KIERSTIN BRADLEY Family Medicine Rapid City Hospital Rapid City, South Dakota

MATTHEW BRANCH Psychiatry Oklahoma State University Center for Health Sciences Tulsa, Oklahoma Kyle Breed Family Medicine Texas Institute for Graduate Medical Education and Research San Antonio, Texas

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> HANNAH CURRY Family Medicine Methodist Hospital Houston, Texas

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ERIN DAVIS Transitional Year Valley Health System Las Vegas, Nevada

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Ryan Delabar Internal Medicine Baptist Memorial Medical Education Jonesboro, Arkansas

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KASSIDY FIX Surgery - General Methodist Healthcare System San Antonio, Texas

ANDREW FLETCHER Internal Medicine Carilion Clinic - Virginia Tech Carilion School of Medicine Roanoke, Virginia

> CAYLEE FORSCHNER Pediatrics Corewell Health - Grand Rapids Grand Rapids, Michigan

> Alexander Frangenberg Internal Medicine Methodist Health System Dallas Dallas, Texas

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> TEJASHWINI GATTU Internal Medicine East Alabama Medical Center Opelika, Alabama

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> DEITRICH GERLT Internal Medicine Methodist Health System Dallas Dallas, Texas

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> ELIZABETH WHITE Family Medicine HCA Medical City Healthcare Fort Worth, Texas

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> ELIZABETH WILEY \* Pediatrics Carolinas Medical Center Charlotte, North Carolina

> JOSHUA WORLEY Family Medicine McKay-Dee Hospital Center Ogden, Utah

Kylie Wu \* Pediatrics University of Colorado School of Medicine Aurora, Colorado

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MCKENNA YABLON \* Family Medicine Baylor Scott & White Medical Center Temple, Texas ERIC YIN Internal Medicine University of Texas Health Science Center San Antonio, Texas

> HAYYAN YOUSUF Surgery - General Methodist Healthcare System San Antonio, Texas

## **DUAL-DEGREE**

CANDIDATE FOR MASTER OF HEALTH ADMINISTRATION AND DOCTOR OF PHARMACY DEGREES

HALEY MCKEEFER +

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

> MATTHEW BIGGERSTAFF \* Internal Medicine Cleveland Clinic Foundation Cleveland, Ohio

Callie Frank Pediatrics Baylor College of Medicine San Antonio, Texas

MADISON GODSEY Pediatrics Baylor College of Medicine San Antonio, Texas

BETHANY HOLLEY Obstetrics and Gynecology Texas Tech University Affiliate Lubbock, Texas

LUCY REN Obstetrics and Gynecology Rochester General Hospital Rochester, New York

### CANDIDATE FOR DOCTOR OF OSTEOPATHIC MEDICINE AND DOCTOR OF PHILOSOPHY DEGREES

DIANNA NGUYEN Physical Medicine and Rehabilitation University of Texas Medical School Houston, Texas

"Spatial Transcriptomics Analyses of Sex Differences in Hypothalamic Gene Expression in Health and Disease" Major Professor: Tom 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 promote inclusion, embrace diversity and advocate for justice to advance health equity.

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

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

I will accept the responsibility to improve my professional knowledge, expertise and self-awareness.

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 PLEDGE to perform the following duties with honesty, integrity and dedication, remembering always that my primary responsibility is to the health, safety, welfare and dignity of all human beings:

I recognize and promote the value of diversity, and I will treat equally all persons who seek my care.

I will uphold the tenets of patient autonomy, beneficence, nonmaleficence, justice and the principle of informed consent.

I will hold in confidence the information shared with me in the course of practicing medicine, except where I am authorized to impart such knowledge.

I will be diligent in understanding both my personal capabilities and my limitations, striving always to improve my practice of medicine.

I will actively seek to expand my intellectual knowledge and skills, keeping abreast of advances in medical art and science.

I will work with other members of the health care team to assure compassionate and effective care of patients.

I will uphold and enhance community values and use the knowledge and experience acquired as a PA to contribute to an improved community.

I will respect my professional relationship with physicians and other members of the health care team.

I recognize my duty to perpetuate knowledge within the profession. These duties are pledged with sincerity and on 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 PUBLIC HEALTH PROFESSIONAL'S OATH

As a public health professional, I hold sacred my duty to protect and promote the health of the public. I believe that working for the public's health is more than a job, it is a calling to public service. Success in this calling requires integrity, clarity of purpose and, above all, the trust of the public. Whenever threats to my profession arise, I will counter them with bold actions and clear statements of my professional ethical responsibilities.

As a public health professional, guided by these principles, I declare the following:

I will work to ensure that all people have the chance to live full and productive lives, free from avoidable disease, injury and disability, and are supported in their pursuit of physical, mental and social well-being.

I will hold myself to the highest ethics, standards, values and responsibilities as I move forward the science and practice of public health. I will work in partnership with communities and uphold the rights, values, beliefs and cultures of those individuals and populations with whom I work.

I will rely on evidence to support my decisions and actions, and translate that evidence into policies and programs that improve health for all.

I will add to the body of research and knowledge, and share my discoveries freely.

I will continuously seek new information and be open to ideas that can better protect and promote the health of populations.

I will advance health literacy for all, and seek equity and justice for marginalized populations.

With this oath, I commit to the ideals and mission of public health.

# The Biomedical Scientist's Oath

As I embark on my career as a scientist, I willingly pledge that:

I will practice and support a scientific process that is based on logic, intellectual rigor, personal integrity and an uncompromising respect for truth;

I will perform my professional activities and interactions with scientific integrity and respect for the field and my peers;

I will acknowledge my role as an ambassador of science to the public, and strive to be honest, respectful and unbiased with engaging the public;

I will value my work and its contribution to the scientific community;

I will never let the potential for personal recognition or advancement cause me to act in a way that violates the public trust in science or in me as a scientist;

I will foster a community that is inclusive of all and recognize that diversity cultivates innovation, creativity and progress;

I will acknowledge and honor the contributions of scientists who have preceded me and become a worthy role model deserving of respect by those who follow me;

And I will always be cognizant that my work is for the advancement of knowledge and the benefit of all humanity.

By pronouncing this Oath, I declare my commitment to these professional standards and goals.

# 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 master'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 Health 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 post-tenure review. President's Faculty Award recipient medallions honor their contributions to education, research or clinical care. Gold cords designate Academic Honors in the top 10% of graduates in the Texas College of Osteopathic Medicine, School of Public Health and UNT System College of Pharmacy, and the top 20% of graduates in Physician Assistant Studies and the Department of Physical Therapy. For undergraduate students, gold cords designate University Honors. Students whose overall grade point average is 3.500 to 3.699 graduate with the cum laude distinction. Students with GPAs between 3.700 and 3.899 graduate with the magna cum laude distinction, and students who graduate with GPAs between 3.900 and 4.00 graduate with the summa cum laude distinction.

The graduates nominated from each academic program for the Dean's Scholarly Excellence Awards 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 teal and silver. Gold and green cords are worn by Texas College of Osteophatic Medicine faculty and graduates who 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 Scholars program. The navy and white cords are worn by dual-degree graduates.

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 stars and the words "Valor and Respect, United States Veteran." The red, white and blue cords are worn by graduates who are 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, located in the heart of the Cultural District, creates 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 with the addition of the School of Biomedical Sciences in 1993. In 1999, HSC became part of the University of North Texas System. Today the six-school campus comprises the College of Nursing, UNT System College of Pharmacy, School of Health Professions, School of Public Health, School of Biomedical Sciences and Texas College of Osteopathic Medicine. Research areas of strength include health disparities, health outcomes, human identification, eye diseases, heart diseases, aging and degenerative brain disorders. Furthermore, HSC is committed to addressing the underlying societal factors that contribute to disparities in health outcomes.



Congratulations, graduates! Welcome to the HSC Alumni Association.

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