# % & \$ . # & 3 1 E N E N T O T I O N

SOUTHE METHOD UNIVER

% & \$ & . #

Today we salute our graduates,
who stand ready to take the next steps
into the future. And we honor the

## CARILLON CONCERT

Quarter till Nine in the Morning Adam S. Neal, Carillonneur Fondren Science Tower

# WELCOME

Kevin Paul Hofeditz, Ceremony Marshal

## PRELUDIAL CONCERT AND FANFARES

Imperial Brass

ACADEMIC PROCESSIONAL

## OTHER MEMBERS OF THE PLATFORM PARTY

Gerald B. Alley '75, SMU Board of Trustees Michael M. Boone '63, '67, SMU Board of Trustees Brad E. Cheves, Vice President for Development and External Affairs Robert H. Dedman, Jr. '80, '84, Chair of the SMU Board of Trustees David S. Huntley '80, SMU Board of Trustees Holly E. Jeffcoat, Dean of SMU Libraries Bobby B. Lyle '67, SMU Board of Trustees

Feng Wang Theoretical and Computational Chemistry

BS MS Sichuan Normal University

Dissertation: "Conformational Analysis Through Molecular Dynamic

Simulations With Machine Learning Methods"

Adviser: Peng Tao

Kuangli Xie Economics

BS East China Normal University, China

MS Xiamen University, China

Dissertation: "Three Essays on Incentive Mechanisms"

Adviser: Timothy Craig Salmon

Xiaohan Xu Biostatistics

BS Southwestern University

MS Georgetown University

Dissertation: "Sample Size Considerations for Clustered and Correlated

Outcomes in Clinical Research"

Adviser: Hong Zhu

Anyu Zhang Computational and Applied Mathematics

BS Beijing University of Technology

MS Southern Methodist University

Dissertation: "Model Selection And Experimental Design Of Biological

Networks With Algebraic Geometry"

Adviser: Brandilyn Stigler

Chiyu Zhang Statistical Science

BS Sun Yat-sen University

MS University of Illinois, Urbana

Dissertation: "A Comparative Study of Statistical Methods for Quantifying and Testing Between-study Heterogeneity in Meta-analysis with Focus on Rare Binary Events & Estimation and Inference of Variances in Cluster

Randomized Designs Using Ranked Set Sampling"

Degree of Doc or of Engineering
Rabih Neouchi Engineering Management BS Lebanese American University MS University of Windsor, Canada

Degree of Ma<sup>3</sup> er of <sup>3</sup>cience in B <sup>3</sup>ine<sup>33</sup> Anal ic<sup>3</sup>

Sean O'Connell Buzaid Emaan Zahoor Elahi DeAngelo J. Garner Sienna Nicole Harris Raegan E. Herbert Cara Phillips Yana Ramilyevna Stafford Tasnim Fatima Sultan Chongnan Yang

Degree of Ma<sup>3</sup> er of <sup>3</sup>cience in Finance

Richard Conner Cowart

Degree of  $Ma^3$  er of  $^3$  cience in Managemen

Eleazar Charlie Flores IV Adrian Gutierrez

Don Jordon Williams

× • × 1 ×

Degree of  $Ma^3$  er of  $^3$  cience in En Ironmen al Engineering John Ortlieb Sanfan Pan Zhengzun Zhang

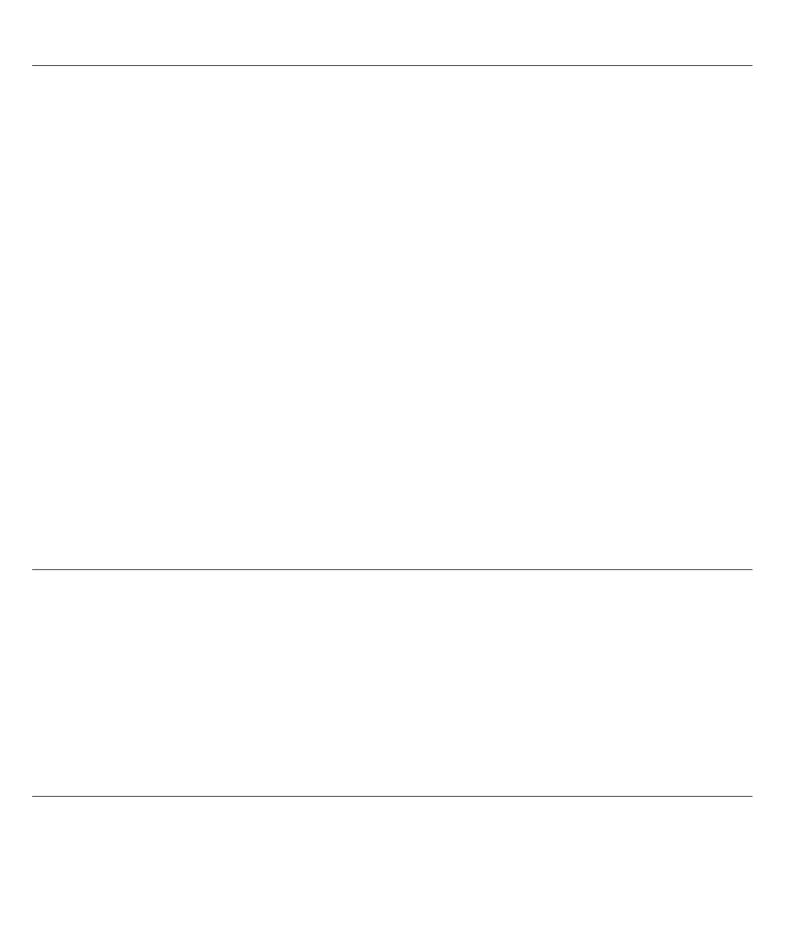
Degree of Ma  $^{3}$  er of  $^{3}$  cience in Mechanical Engineering Shiqi Jia

DEGREE OF MAS ER OF AR S IN DISP E RESOL ION

Benjamin John Buchta Kimberly Dawn Calton Ebony Nicole Cuington Emily Michael Stout Jennifer Marlene Torres BreAnne Walsh Paul

DEGREE OF MA<sup>3</sup> ER OF BILING A

Ruhaab Shay Markas Shon Mohsin An Hai Nguyen Quinton Choice Nixon Jodi Lynne Pafford Muthu Sankara Narayanan Palanisamy Mihir Parikh Bharanikumar Ramasundaram Selwyn Samuel Misael Luis Santana Daniel Joseph Serna Maryam Shahini Trace Smith John David Stroud



Scot Christian Bontrager Religious Studies

BA University of North Texas

Dissertation: "Augustine's Concept of Volition and its Significance for the Doctrine of Original Sin"

Adviser: William J. Abraham

Jiahui Chen Computational and Applied Mathematics

BS Xi'An Jiaotong University, China MS Southern Methodist University

Dissertation: "Parallel Multipole Expansion Algorithms and their Biology

Applications" Adviser: Weihua Geng

Matthew Carl Feickert Physics

BS University of Illinois, Urbana

MA University of Virginia

Dissertation: "A Search for Boosted Low Mass Resonances Decaying to the bb-bar Final State and Produced in Association with a Jet at sqrt(s) = 13 TeV with the ATLAS Detector"

Adviser: Stephen Jacob Sekula

Whitney Annette Goodwin Anthropology

BA College of Wooster

MA University of South Florida

Dissertation: "Communities of Consumption on the Southeastern Mesoamerican Border: Style, Feasting, and Identity Negotiation in

Prehispanic Northeast Honduras"

Adviser: Brigitte Kovacevich

Daniel M. Jardin Physics

BS Syracuse University

Dissertation: "A Likelihood Search for Low-mass Dark Matter via Inelastic

Scattering in SuperCDMS" Adviser: Jodi Ann Cooley-Sekula

Dateng Li Statistical Science

BS Oklahoma State University

Dissertation: "Sample Size Calculation Methods for Some Longitudinal and

Cluster Randomized Studies"

Adviser: Jing Cao

Shuang Li Statistical Science

BS University of Utah

Dissertation: "Clinical Trial Design and Analysis"

Adviser: Daniel Francis Heitjan

Grace Boyers McKee Psychology

BS University of Mary Washington

MA Appalachian State University

MA Southern Methodist University

Dissertation: "Patterns of Change in Relationship Satisfaction During Couple

Therapy for Veterans"

Adviser: Lorelei Simpson Rowe

Mary E. Milleson Geology

BS Southern Methodist University

Dissertation: "Geochemical Analysis of Soil and Lake Deposits as Indicators

of Paleoenvironmental Conditions; Examples from Texas, New Mexico, and D.R. Congo"

Adviser: Neil J. Tabor

Cheryl Rae Strimple Religious Studies

BA Texas Christian University

Dissertation: "And They Shall Eat Until They Are Satisfied: "Critical

Disability Theory and Widows, Orphans, Aliens, and Levites in the Book

of Deuteronomy" Adviser: Roy L. Heller

Nicole Le Vu Psychology

University of Texas, Dallas

Dissertation: "Does the Cessation of Intimate Partner Violence Lead to

Improvements in Child Adjustment?"

Adviser: Ernest Jouriles.

Jijia Wang Biostatistics

MS Texas Tech University

Dissertation: "Robust and Adaptive Design Approaches for Stepped Wedge

Cluster Randomized Trials"

Adviser: Song Zhang

Keping Xie Physics BS Peking University, China

Dissertation: "Massive Elementary Particles in the Standard Model and its

Supersymmetric Triplet Higgs Extension"

Adviser: Pavel M. Nadolsky

## DEGREE OF DOC OR OF PHILOSOPH

**Khalid Suliman Alluhydan** Mechanical Engineering

BSME MSME Southern Methodist University Dissertation: "Investigation of Fundamental Principles of Rigid Body Impact Mechanics"

Adviser: Yildirim Hurmuzlu

Anil Koklu Mechanical Engineering
BSME Istanbul Technical University, Turkey
MSME Southern Methodist University
Dissertation: "Investigation of Electrode

Polarization Effect for Biosensor Applications"

Adviser: Ali Beskok

Angelika Leskovskaya Operations Research MA Belorussian State University

Dissertation: "Extreme-point Tabu Search Heuristics for Fixed-Charged Generalized

Network Problems" Adviser: Richard S. Barr

Amin Mansoorifar Mechanical Engineering BSME MSME Shiraz University

Dissertation: "Impedance-Based Microfluidic Platform for Quantitative Biology"

Adviser: Ali Beskok



Khalil Abdur-Rashid

BSW Georgia State University MA MPhil Columbia University

Dissertation: "The Impact of the Black American

Sunni Muslim Community on the American Muslim Community as a Whole since

Malcolm X, 1964-2016"

Adviser: Robert Hunt

DEGREE OF MAS ER OF DI INI

Chase Hunter Burns Lee Tyson Riley Angela Williams Magna Cum Laude

DEGREE OF MAS ER OF SACRED M SIC

Zachary William Light-Wells Magna Cum Laude

Degree of Ma<sup>3</sup> er of Ar <sup>3</sup> in Mini<sup>3</sup> r

Karen Joy Eaker Cum Laude

DEGREE OF MAS ER OF HEOLOG

Glenn J. Johnson

Degree of J Ri<sup>3</sup> Doc or

Tiffany R. Crawford Samantha Leigh Gaiss Yuan Gao John Kenneth Harper Samuel G. Hughey Trenton K. Patterson Anna Stevens

DEGREE OF MAS ER OF AR S

Adam Christopher Davies History Aastha Gupta Economics

Emily Diane Johnson Psychology

Thesis: "Evaluation of Web-Based My Voice, My Choice for Decreasing Sexual Violence Victimization in College Women" Nathan Patrick McCabe English
Katelyn Danielle McWilliams English
James Joshua Phillips History
Timothy Ashton Reynolds History
Thesis: "Broken Households: Black and White
Baptists and Methodist in Transition in PostEmancipation Texas"

Elizabeth Bingham Thomas Anthropology Jordan Gabrielle Wondrack Anthropology

DEGREE OF MAS ER OF SCIENCE

Nathan Alexander Drolet Molecular and Cell Biology

Thesis: "Peroxiredoxin 6 and Phospholipids in Alzheimer's Disease"

John D. Fortner Geology

Thesis: "Assessing Diagenetic Conditions in the Late Triassic Chinle Formation through Petrographic and Geochemical Analysis of Phytosaur Teeth"

DEGREE OF MAS ER OF AR S

Julia Frances Farina Arts Management Austin Flores Film and Media Arts

DEGREE OF MAS ER OF M SIC

Hunter Morgan Bown Music Education Steven Hugh Moss Music Education Conrad Kwong Yiu Li Advertising Zhongyu Li Film and Media Arts

Kathryn Elizabeth Scheetz Musicology Thesis: "Charles-Marie Widor's Symphonie Romane: An Examination of the Performance Tradition" Cain Edward Miller Film and Media Arts Hannah Brighton Smith Advertising

Degree of Ma<sup>3</sup> er of B <sup>3</sup>ine<sup>33</sup> Admini<sup>3</sup> ra ion

Elissa Joy Ammon General Business Chhitiz Basnet Finance

Degree of Ma<sup>3</sup> er of <sup>3</sup>cience in Engineering Managemen

Meshari Ali A. Alsultan

Vipula Vijay Deshmukh

Shalini Dinesh

Degree of Ma<sup>3</sup> er of <sup>3</sup>cience in En Ironmen al Engineering

Hao Ling

Degree of Ma<sup>3</sup> er of <sup>3</sup>cience in Informa ion Engineering Managemen

Jake Ryan Zink

Degree of Ma<sup>3</sup> er of <sup>3</sup>cience in Mechanical Engineering

Austin P. Flanagan

Yuan Ren

DEGREE OF MAS ER OF AR S IN DISP E RESOL ION

Ranim Algwaider

DEGREE OF MAS ER OF SCIENCE IN DA A SCIENCE

Meenu Ahluwalia Iram Bakhtiar Laura Veith Bishop

Ernesto Ivan Carrera Ruvalcaba

Travis Robert Deason Ramin Farhanian

Robert Daniel Flamenbaum Antonio Peña Garza III Dana Pike Geislinger Shanqing Gu James Scott Herford Bruce Philip Kimbark Yejur Singh Kunwar Jeffrey Jude Lancon Jason Guyssan Lin Jason Irl Lingle Melissa Luzardo Korey Macvittie Jonathan Marin Steven Millett

Asha Pournami Mohan Christopher David Morgan Rangaswamy Nagarajan Manisha Amol Pednekar Thomas Pompo Nuoya Kang Rezsonya Caroll Rodriguez Frank Sclafani Andrew Shen Afreen Siddiqui

SMU 1, 201

Students listed are candidates for undergraduate degrees in December 2019. For more information, visit smu.edu/provost/engagedlearning.

Kim Ho,

Chains of office, also known as collars, were used as badges of office in the Middle Ages. Today they are custom-designed metal necklaces worn by the president during academic ceremonies as part of his or her regalia.

The chain of office designed for the 10th president of SMU, R. Gerald Turner, is made of bronze,

 $a \ strong \ and \ duraeoes \ To.ewogn \ atee \ -4.6 \ (e \ i)-31.7 \ al \ necker 2 \ (s)-10.2 \ 16.3 \ ()-11.2 \ (a) 1.5 \ (e \ -4.0 (, \ R)-5 g)-29.8 \ (o)-5 \ (r)e \ irem. \ Gaee \ under a strong \ and \ duraeoes \$