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C O M M E N C E M E N T
C O N V O C A T I O N

S O U T H E R N
M E T H O D I S T
U N I V E R S I T Y

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*Today we salute our graduates,
who stand ready to take the next steps
into the future. And we honor the
students, faculty, staff, parents and friends
who are overcoming the challenges
of this extraordinary year and enabling SMU
to continue to shape world changers.*



OTHER MEMBERS OF THE PLATFORM PARTY

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Brad E. Cheves, Vice President for Development and External Affairs
Jeanne Tower Cox '78, SMU Board of Trustees
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Clark K. Hunt '87, SMU Board of Trustees
David S. Huntley '80, SMU Board of Trustees
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George W. Killebrew IV '85, Chair of the SMU Alumni Board and *ex officio* member of the SMU Board of Trustees
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Bruce A. Robson '76, SMU Board of Trustees
Melinda Sutton '97, Associate Vice President for Student Affairs and Dean of Students
Paul J. Ward, Vice President for Legal Affairs and Government Relations, General Counsel and Secretary

OTHER MEMBERS OF THE GUILD OF MARSHALS

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Andrea Barreiro, Doctoral Marshal	Monnie McGee, Assisting Procession Marshal	Brandilyn Stigler, Faculty Marshal
Nilabhra Bhattacharya, School Marshal	Sushmita Purkayastha, School Marshal	Peng Tao, School Marshal
Melanie Clemmons, School Marshal	Stephen Robertson, Procession Marshal	
Ping Gui, School Marshal	Bivin Sadler, School Marshal	

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COMMENCEMENT SPEAKER

DAVID B. MILLER

David B. Miller is a businessman, philanthropist, and a two-time graduate of SMU whose generosity and leadership over the past three decades have helped transform the University and surrounding Dallas community into an engine of entrepreneurship and innovation.

Miller's career began with Republic National Bank of Dallas in 1973,

Gac Vaa *Religious Studies*

BA Rutgers University

MDV Princeton Theological Seminary

Dissertation: "Lo Que Predicábamos No Era Americanismo:" Protestantism and Cross-Cultural Religious Encounter in the Shadow of Empire: A Twentieth Century Cuban Case"

Adviser: Katherine Carté Engel

Ga . . . Wa *Statistical Science*

BS Shanghai University, China

MS University of Illinois -Urbana

Dissertation: "A Bayesian Semi-Supervised Approach to Keyphrase Extraction and Jackknife Empirical Likelihood Confidence Intervals for Assessing Heterogeneity"

Adviser: Sherry Wang

P . . . Wa *Physics*

BS University Science & Technology of China

Dissertation: "Measurement of the Standard Model Higgs Boson Produced in Association with a Vector Boson and Decaying to a Pair of Bottom Quarks with the ATLAS Detector at LHC"

Adviser: Stephen Jacob Sekula

S . . . Y. *Biostatistics*

BS Beijing Institute of Technology, China

MS Southern Methodist University

Dissertation: "Statistical Modeling of High-throughput Sequencing Data and Spatially Resolved Transcriptomic Data"

Adviser: Xinlei Wang

S a n a Z a *Statistical Science*

BB University of Nebraska - Lincoln

MS Sam Houston State University

Dissertation: "Examining Multiple Imputation for Measurement Error Correction in Count Data with Excess Zeros"

Adviser: Sara Lynne Stokes

I . . . Z ada *Economics*

BA National Technical University, Ukraine

MA Southern Methodist University

Dissertation: "Three Essays in Macroeconomics"

Adviser: Nathan Balke

X a . . . Z *Statistical Science*

BS Ocean University of Qingdon, China

PHD Texas A&M University

Dissertation: "Improved Statistical Methods for Time-Series and Lifetime Data"

Adviser: Tony Hon Keung Ng

IN BOBBY B. LYLE SCHOOL OF ENGINEERING

DEGREE OF DOCTOR OF PHILOSOPHY

La ada Bada . . . a a *Civil and Environmental Engineering*

BSN MS Islamic Azad University, Iran

Dissertation: "Size Dependent Hematite Nanoparticles Physiochemical Behavior Changes Under Long Term Aging"

Adviser: Andrew Norman Quicksall

O a n a A n d Ba ac *Computer Science*

BS King Abdulaziz University

MS Florida Institute of Technology

Dissertation: "Analyzing Performance, Energy Consumption, and Reliability of Mobile Applications"

Adviser: LiGuo Huang

X . . . D. *Computer Science*

BS Zhejiang University

MS The University of Texas, Dallas

Dissertation: "Deep Neural Network Based Student Response Modeling with Uncertainty, Multimodality and Attention"

Adviser: Eric Cooper Larson

A aad E H . . . *Mechanical Engineering*

B.Engr. American University of Beirut

MS Southern Methodist University

Dissertation: "Advanced Thermal Characterization and Temperature Control to Enable the Next Generation of Micro-electronic Technologies"

Adviser: Peter E. Raad

A n K a *Mechanical Engineering*

BSME MS Amirkabir University of Technology

Dissertation: "Modeling, Simulation, and Testing of Sweeping Convection"

Adviser: Jose L. Lage

J . . . S . . . L *Applied Science*

B.Engr. BS Yonsei University, Korea

Dissertation: "Detection of Nucleotides in Hydrated ss-DNA via 2-D h-BN Nanopore with Ionic-Liquid/Salt-Water Interface"

Adviser: Minjun Kim

L . . . W a n R *Mechanical Engineering*

BS Drexel University

MS Southern Methodist University

Dissertation: "Microparticle Propulsion for in vivo Navigation"

Adviser: Minjun Kim

C a Ya *Electrical Engineering*

BSEE Liaoning University, China Shenyang

MSEE Chengdu University of Technology

Dissertation: "On-Chip Nonreciprocal Components for Full-Duplex Communications and Gaussian Regulated Gate Driver for Electromagnetic Interference Reduction"

Adviser: Ping Gui

IN ANNETTE CALDWELL SIMMONS SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

DEGREE OF DOCTOR OF PHILOSOPHY

A . . . M . . . ad Sa d . . . a *Education*

BA Pitzer College

MA California State University, Dominguez Hills

Dissertation: "A Meta-Analysis of Graphic Organizer Reading Interventions for Learning Science and Social Studies Content"

Adviser: Stephanie Al Otaiba

S n W *Education*

BA Hainan Normal University, A.2u(, A.2C T*83pan <Lang (eE >187.8582 Tm sitee />

DEGREE OF DOCTOR OF EDUCATION

C . **a** **R** . **B** . *Educational Leadership, PK-12*

BS Texas A&M University-Commerce

MS Texas A&M University

Dissertation: "Where Do They Go? The Relationship Between School

DEGREE OF JURIS DOCTOR

Ra a M a a A a
A d S ba B c
J da D. B
Ab a Ca n b
Ma a D ac
L A a d a F
C a Adan F. d
Nc a Ed a d Ga a

J Ba Ga
Ma Ra G na
C a P. Ha
Ga W. H
S a Ra H
Da d Pa H
T a Jac K
La a E ab K

Vc a L W M
Mc a a T. O
J T P
T a B. R d
Abb E. S d a
Nc a M. T
Ma L. Wa
K a Mc W an

IN DEDMAN COLLEGE OF HUMANITIES AND SCIENCES

DEGREE OF MASTER OF A

IN EDWIN L. COX SCHOOL OF BUSINESS

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

B d , R . A d *Marketing*
L Ca A III *Strategy & Entrepreneurship*
J Ma Ba *General Business*
E a M . B a *Accounting*
Ya B d *Finance*
A d . S . ba B c *Finance*
Sa pa a L Ca a *Marketing*
Da Ca *Finance*
E c Ca D a n *Finance*
Ja B a D *Finance; Real Estate*
La E ab Ha *General Business*
Ga W . H *Finance*
D n c S n H *Accounting; Finance*
W C a H *General Business*
J M c a H bba d *Strategy & Entrepreneurship*
W a n B . H d *Strategy & Entrepreneurship*
Wa P Jac b *Business Analytics; Strategy & Entrepreneurship*

Mac a Ed a d J *Finance*
J . Ma J *Business Analytics*
J . da Ca d K *Finance; Real Estate*
M . c . M K d aa d *Business Analytics; Strategy & Entrepreneurship*
Strategy & Strategy &
. . . . -USBDC II

DEGREE OF MASTER OF SCIENCE IN CIVIL ENGINEERING

H c . A a S . . a .

DEGREE OF MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Da a A. A a a

Thesis: "Adaptation of Digital Micromirror
Devices for Use as High Speed Infrared Spatial
Light Modulators"

N a , A . a

B c S . G . .

E a Pa H . . .

S c . L

Wa a Ta

C . . . Ca . . W

DEGREE OF MASTER OF SCIENCE IN ENGINEERING MANAGEMENT

C . . . W a n C . . . a n

S . . E . a d E . . d M . .

B . . a d G Abad

T . . Ma . .

Ca . . E . . M . . . G c c a

Da d O . . L . . a

Ma d a R dd P . . a

A d . R n . . . a B a .

DEGREE OF MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING

L . da H . C a

Ha . a A . . R . .

DEGREE OF MASTER OF SCIENCE IN INFORMATION ENGINEERING MANAGEMENT

Q . a Wa

DEGREE OF MASTER OF SCIENCE IN MECHANICAL ENGINEERING

N c . a Ed a d Da . .

Thesis: "The Effect of Surface Air Entrapment
on Oscillating Fin Flow at Intermediate
Reynolds Number"

DEGREE OF MASTER OF SCIENCE IN COUNSELING

S a Sa a A G a B a C a c
Ma A Ba Ca C
S a F db B d R b La C a
M H B da Ba N c E c
N c M c B Fa na Ha

S a Ea L
H G. Ma
Za a M
K Z na

DEGREE OF MASTER OF SCIENCE IN SPORT MANAGEMENT

F Ha K L c Da S S a

CERTIFICATE OF ADVANCED GRADUATE STUDIES

I a Ra U a *Liberal Studies*

THE GUILDHALL AT SMU, LINDA AND MITCH HART CENTER

DEGREE OF MASTER OF INTERACTIVE TECHNOLOGY

T a . . W a . . Ba a d *Digital Game*
Development - Art Creation
Thesis: "Environmental Change of a Battlefield:
Verdun"

T T Va N . *Markets and Culture*
*Da . E. O a . *Biological Sciences*
En R . O'B . *Biological Sciences*
Ada Fa c O'H a . *Biological Sciences*
L d a S . . . Pa . *Biological Sciences*
T . na W . . Pa . *History*
R b . C . . a Pa . *Economics, Political
Science, Public Policy*
K . . Ma Pa . *Markets and Culture*
N a Ma . . P . . . *Political Science*
J . Q . . *Political Science*

Ca . . W . d Ra . *Economics; History*
G ac Ma Ra da *Markets and Culture; World
Languages - Spanish*
D a . Ma c R b . . . , J . *English*
Na a A . R . . *Political Science*
Ka . . G ac Ra . *Human Rights*
L A . S a *Religious Studies*
B a d . Da d S . . n . *Economics*
J . . S . . -H . . . d *Spanish*
A . . Wa d C. P ad D S . a *Economics;
Public Policy*

Ta a E . S a . *Political Science*
A n M c . S . . . *English*
G a . . C. S n . . *Political Science*
A d Sc a . T . n . . *Economics; Markets
and Culture*
E c A a T a *Religious Studies*
Pa n a J . Va d . B a d . *Fren-Oven-MCID Lang en-U*

DEGREE

IN ANNETTE CALDWELL SIMMONS SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

DEGREE OF BACHELOR OF SCIENCE

A . . . E a . B . a
A d . J a n . B .
G . . . P . a n . C . a
G a . . . a L . C a .
T . . . D . D . b
N c . . . a K . . . D . . .

D . n . c G . H . a d
H a d . T . n a H .
S d . S c . L a .
A d . N c . L .
J . - T a . M a .
H a . . . R b . M . . .

J . . T . N .
J . . S . . - H . . . d *Educational Studies*
E c D . . a S . . .
B a d . M . T .
A . . . C . V . c . . .

SUMMER 2020

RECIPIENTS OF DEGREES

IN DEDMAN COLLEGE OF HUMANITIES AND SCIENCES

DEGREE OF DOCTOR OF PHILOSOPHY

P . a . a C a a b . . *Economics*
BS University of Calcutta
MS Jawaharlal Nehru Technology University, India
Dissertation: "Essays on Issues in Management and Gender"
Adviser: Timothy Craig Salmon

X a . . C . . *Biostatistics*
BS Shandong University
MS Georgetown University
Dissertation: "Causal Inference and Prediction on Observational Data with Survival Outcome"
Adviser: Daniel Francis Heitjan

J . . L . d K . . *Psychology*
BA University of Colorado, Boulder
Dissertation: "Neural Activity During Facial Memory Retrieval in Patients with Asthma: Associations with Peripheral Airway Inflammation and HPA-Axis Activity"
Adviser: Thomas E. Ritz

M a d a . . M c K a . . *Physics*
BS Carnegie Mellon University
Dissertation: "Measurement of Inclusive Fiducial and Differential Cross Sections in the $H \rightarrow ZZ^* \rightarrow 4l$ Decay Channel in p-p Collisions at 13 TeV with the Full ATLAS Run 2 Dataset"
Adviser: Ryszard Stroynowski

S . . . P a . . *Economics*
BA MA Sungyunkwan University
Dissertation: "Empirical Essays on Automation and Its Implications"
Adviser: Daniel Millimet

K . . . B . c P . c a d *English*
BA University of Oklahoma, Norman
Dissertation: "Drug Free America: The Ethics and Politics of Drugs in Contemporary American Literature"
Adviser: Lisa M. Siraganian

M a . . a . a S a a *Psychology*
BS University of North Carolina, Chapel Hill
Dissertation: "Mindful Exercise: A Pilot Randomized Controlled Trial"
Adviser: Austin Baldwin

R a T . n a S a . . *Physics*
BS Southwestern University
Dissertation: "Cosmological Analysis with ROTSE Supernovae and DESI Galaxies and Quasars"
Adviser: Fredrick Iver Olness

P a M . D c T . . . *Computational and Applied Mathematics*
BA California State University, Fullerton
MA Cornell University
Dissertation: "Cell Assembly Detection in Low Firing-Rate Spike Train Data"
Adviser: Andrea Katherine Barreiro

M a a . S n . V a d *Psychology*
BA University of Texas, Austin
Dissertation: "Parent-Directed Gratitude: An Investigation of a Novel Intervention and Possible Mechanisms Between Gratitude and Well-Being"
Adviser: George W. Holden

C . . . W c a *Psychology*
BA Trinity University
MA Texas State University
Dissertation: "Role of Oxidative Stress during Environmental Stressors in Asthmatic and Healthy Participants"
Adviser: Thomas E. Ritz

T . . Y a *Computational and Applied Mathematics*
BS University Science & Technology of China
Dissertation: "Advection-Reaction-Diffusion Model of Drug Concentration in a Lymph Node"
Adviser: Daniel R. Reynolds

Y . . Z a *Molecular and Cell Biology*
BS China Agriculture University
Dissertation: "RelA/p65 Blocks Histone Deacetylase Neurotoxicity and Protects Neurons Against Neuronal Death Induced by PolyQ-Expanded Huntingtin and Ataxin-1 in a p65 Phospho S276 Dependent Manner"
Adviser: Jonathan Ploski

The December portion of the program contains names of candidates for degrees and honors. Inclusion in the program does not constitute evidence of completion of degrees and honors requirements.

IN BOBBY B. LYLE SCHOOL OF ENGINEERING

DEGREE OF DOCTOR OF PHILOSOPHY

A **ḡad Ib a ḡ A M . a a Gad** *Mechanical
Engineering*

BSME MSME Zagazig University

Dissertation: "Homogenization of Composite and

IN DEDMAN COLLEGE OF HUMANITIES AND SCIENCES

DEGREE OF MASTER OF ARTS

Tara Anderson *Psychology*

Thesis: Social Anxiety, Depression, and Emotional Congruence

Anna M. Hanna *Psychology*

Diana Knapik *Psychology*

Thesis: "Walking on the Bright Side: Relations between Depression, Affect, and Gait"

Vanna M. Maca *Applied Economics*

Hanna O'Rourke *Psychology*

Thesis: "Affective Reactivity to Real-Life Acute Stress: The Role of Chronic Stress, Physical Activity, and Sleep"

Sara E. W. *Psychology*

Thesis: "Mother-Child Informant Discrepancies of Child Internalizing Symptoms: Maternal Depression, Mother-Child Relationship Quality, and Family Environment as Moderators"

Rachel E. W. *Molecular and Cell Biology*

IN MEADOWS SCHOOL OF THE ARTS

DEGREE OF MASTER OF ARTS

Patrick Han *Advertising*

DEGREE OF MASTER OF MUSIC

Madeline Edmond *Music Education*

Raegan *Music Education*

Madeline H. *Music Education*

DEGREE OF PERFORMER'S DIPLOMA

Anna M. *Piano Performance*

Tina J. *Piano Performance*

IN EDWIN L. COX SCHOOL OF BUSINESS

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

McA. J. *Finance*

Sara H. *Information and*

IN BOBBY B. LYLE SCHOOL OF ENGINEERING

DEGREE OF MASTER OF ARTS

Master of Arts in *Sustainability and Development*

DEGREE OF MASTER OF SCIENCE

Master of Science in *Security Engineering*

DEGREE OF MASTER OF SCIENCE IN COUNSELING

Q a a I a Adan
Ra A A A c a
Ta M c a B a
Sa na a Ka B d
Ka K a Ca
Ca a A a Ca ad
M L C n
La C C
Ba A a D

H a Ma F
T ca Ma F
A a da J da Ga
A G
S a L H
J R b cca H bba d
Ha d E ab H
Ta a Kad
D c N. Lan

E a a En L
P R. McI
En na A d M
S a Na a
Ma A O d
A na da D R
J N. S
M c a Cap Va
J a L Y

DEGREE OF MASTER OF SCIENCE IN SPORT MANAGEMENT

L a Da Ab a an
B da Ba
G C L a

T na McI
R a A R c a d

DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

T. na Ba...
Sa... B. C a a n

T. na H. Ha... d
J... a P... Sa...

Sa... G a... Wa...
Ca... Da... W...

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experience the Dallas Hall Rotunda

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