University of North Texas
Concert Orchestra

Clay Couturiaux, Conductor

Monday, November 25, 2019
7:30 pm
Winspear Hall
Murchison Performing Arts Center
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The Planets, Opus 31 (1916) ........................................ Gustav Holst (1874-1934)
I. Mars, the Bringer of War
II. Venus, the Bringer of Peace
III. Mercury, the Winged Messenger
IV. Jupiter, the Bringer of Jollity
V. Saturn, the Bringer of Old Age
VI. Uranus, the Magician
VII. Neptune, the Mystic (with wordless choir)

Treble Voices of University Singers • Kristina Caswell MacMullen, director
Leahna Acosta, Chris Bendrell, Gillian Boley, Sarah Grace Boyd, Edith Campa, Emma deGraaf, Reagan Dunn, Claire Dugan, Hasoo Eun, Jonell Goss, Melanie Gorsalitz, Julia Gray, Meredith Gray, Leah Gulley, Danielle Harrington, Stefanie Herrera, Bailey Kilgore, Laurel Krolesch, Jamie Lam, Arriciana Lewis, Emma McClure, Emily Mitchell, Rachel Moes, Sierra Morrison, Tessa Newman, Avery Potts, Maryssa Redding, Kevin Rosacia, Miranda Saenz, Taylor Teague, Olivia Thackray, Andrew Trimble

Visual Material
Public Interactives Research Lab (PIRL) in the School of Arts, Technology, and Emerging Communication (ATEC) at the University of Texas at Dallas and
Dr. Donna Cox and her team from the Advanced Visualization Lab (AVL) at the National Center for Supercomputing Applications at the University of Illinois, Urbana-Champaign

Four hundred twentieth program of the 2019-2020 season
Photography and videography are prohibited

COLLEGE OF MUSIC • 2019 – 2020
PRODUCTION CREDITS

UTD/ATEC TEAMS

Executive Producer: Anne Balsamo
Director of Creative Technologies: Dale MacDonald
Production Coordinator: Heidi Rae Cooley
Visual Music Director: Christine Veras
Interaction Designers: Anne Balsamo, Heidi Rae Cooley, Sean Landers, Dale MacDonald, David Wilson
Graphic Design and Production: Anthony Inga
Fabrication and Materials: Philip Martin
Software and Hardware Engineering: Eva Jacobus, Danai Bavishi
Mechanical Engineering and Design: Dr. Scott Minneman
AV and Staging: Event Support, Gemini Light Sound & Video

Public Interactives Research Lab members
  Graduate Students:
  Catalina Alzate (MFA, 2nd year)
  Alex Remington (MA, 2nd year)
  David Wilson (PhD, 3rd year)
  Sean Landers (PhD, 3rd year)
  Undergraduate Students:
  Grace Brady (BA, ATEC class of 2023)
  Elise Cobb (BA, ATEC class of 2022)
  Jessica Godwin (BA, ATEC class of 2022)
  Anthony Inga (BA, ATEC class of 2020)
  Solvay Linde (BA, ATEC/BS Computer Science class of 2022)
  Abigail Mancini (BA, ATEC class of 2021)
  Ira Murchison (BA, ATEC class of 2022)
  Caroline Trotter (BA, ATEC class of 2021)
  Khadeeja Zulqarnain (BA, ATEC class of 2021)
PRODUCTION CREDITS

Dr. Donna Cox, Director of the Advanced Visualization Lab, National Center for Supercomputing Applications at University of Illinois at Urbana-Champaign

Advance Visualization Lab members: Bob Patterson, Stuart Levy, Jeff Carpenter

Dr. Scott Minneman, California College of the Arts and Institute for the Future

Dr. John Hansen, Director of CRSS, Associate Dean of Research, Erik Jonsson School of Engineering and Computer Science, UT Dallas

Ron Jennings, vintage television engineering

Nick Khoury, ATLAS Electronics, vintage electronics repair

Dr. Thomas Allen, University Archivist, UT Dallas

Stacey Davis, Local History Librarian, Richardson Public Library

Ada Negraru, Librarian, Texas Instruments Records, Southern Methodist University DeGolyer Library

Tommy Bullard, City Vault Manager, City of Dallas

Garrett Chace, Senior Art Director, ATEC, UT Dallas

Office of Communications, University of Texas at Dallas

With Thanks: Richard Benson, Leslie Benson, Laurie Garvie, Bruce MacPherson, Inga Musselman, Kim Goodfriend, Jill Cohn, Rosalie McManis, Sandy Farrar, Sally Mendiola, Heather Oltmann, Charlotte Mason, David Budd, Adam Buxkamper, Courtney Mayers, Pete Poorman, Mike Spiewak, Teresa Lenling, Jill Vangorden, Tom Rohm

Super Thanks: Rose Balsamo

The production was generously supported by
Ann and Charles Eisemann
The Arts Innovation Initiative
Anne Balsamo, Arts and Humanities
Distinguished University Chair Endowment
The School of Art, Technology, and Emerging Communication
PRODUCTION CREDITS

**MARS** (6min 59s)

“Virtual Voyage: Milky Way to the Virgo Cluster” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy, and Lance Chong / NCSA at UIUC
Observational data:
- Brent Tully Galaxy Catalog, University of Hawaii
- Hipparcos Star Catalog
- David Malin Images, Anglo-Australian Observatory
- Frei/Gunn Galaxy Catalog, Princeton University

“Volcano Sapas Mons on Venus” (excerpt from) “Dynamic Earth”
Visualization by AVL: Donna J Cox, AJ Christensen, Robert Patterson, Stuart Levy and Alex Betts / NCSA at UIUC
Scientific advisor: David Grinspoon / Denver Museum of Nature and Science
Venus surface technology: NASA/JPL-CALTech/Magellan Project

“Magneto-Convection Emerging Flux” (excerpt from) “Solar Superstorms”
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy, AJ Christensen, Kalina Borkiewicz and Jeff Carpenter / NCSA at UIUC
Scientific simulation: Robert Stein / Michigan State University
Magnetic field line tracing: Patrick Moran / NASA Ames Research Center

**VENUS** (8min 20s)

“Milky Way Analogue Isolated Disk Galaxy” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy, AJ Christensen, Kalina Borkiewicz and Jeff Carpenter / NCSA at UIUC
Scientific simulation:
- Nathan Goldbaum / NCSA at UIUC
- Mark Krumholz / Australian National University
- John Forbes / Harvard Institute for Theory and Computation
PRODUCTION CREDITS

Observational data: Brent Tully Galaxy Catalogue

A National Science Foundation Project

“The Non-Linear Evolution of the Universe: From 20 Million to 14 Billion Years Old” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy, Alex Betts and Lorne Leonard / NCSA at UIUC

Scientific simulation:
Dr. Renyue Cen and Dr. Jeremiah P. Ostriker / Princeton University

“Flight to the Center of the Milky Way” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy and Alex Betts / NCSA at UIUC

Science advisors:
Mark Morris / UCLA
Doug Roberts / Northwestern

Milkyway reference image, M83: David Malin / AAO

Galactic Center Reference Imagery:
Mark Morris and Farhad Yusef-Zadeh,
Doug Roberts and W.M. Goss,
N. Kassim, T.N LaRossa, T. Joseph Lazio and S.D. Hyman

Observational data:
Hipparcos Star Catalog
Brent Tully Galaxy Catalog
Frei/Gunn Galaxy Catalog

“Galaxy Evolution and Merger” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Matthew Hall and Stuart Levy / NCSA at UIUC

Scientific simulation:
Brian O’Shea / Michigan State University
Michael Norman / University of California at San Diego
PRODUCTION CREDITS

“A Quasar-Driven Outflow: The Explosive Ramifications of a Galaxy Merger” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy and Lorne Leonard / NCSA at UIUC

Scientific simulation (alphabetical order):
TJ Cox / Harvard University
Tiziana Di Matteo / Carnegie Mellon University
Lars Hernquist / Harvard University
Brant Robertson / Harvard University
Volker Springel / Max-Planck-Institute for Astrophysics, Garching

“First Light in the Renaissance Simulations: Formation of the Very First Galaxies in the Universe” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy, AJ Christensen, Kalina Borkiewicz and Jeff Carpenter / NCSA at UIUC

Scientific simulation:
Michael Norman and Hao Xu / University of California at San Diego
Brian O’Shea / Michigan State University
John Wise / Georgia Institute of Technology
Kjungjin Ahn / Chosun University

**MERCURY** (4min 23s)

“Galaxy Evolution and Merger” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Matthew Hall and Stuart Levy / NCSA at UIUC

Scientific simulation:
Brian O’Shea / Michigan State University
Michael Norman / University of California at San Diego

“The Formation of First Stars and Galaxies” (excerpt from) “Solar Superstorms”
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy, Kalina Borkiewicz, AJ Christensen, Jeff Carpenter, Matthew Turk and Sam Skillman / NCSA at UIUC

A Fulldome production In collaboration with:
NCSA at UIUC
Spitz Creative Media
Thomas Lucas Productions
In association with: Fiske Planetarium
National Science Foundation
PRODUCTION CREDITS

Excerpt from “Paradises Lost” made for a performance of Stephen Taylor’s opera, based on an Ursula K. Le Guin short story of the same name
Visualization by AVL: Robert Patterson, Stuart Levy and Jeff Carpenter / NCSA at UIUC

“Hypercolor Mosaic / Complete Map of Mercury” (excerpt)
NASA’s Goddard Space Flight Center / Scientific Visualization Studio

Images, visualization and animation courtesy of NASA/Johns Hopkins University Applied Physics Laboratory/Carnegie Institution of Washington

“Mosaic of Caloris Basin in Mercury” (color enhanced image)
Image courtesy of NASA/Johns Hopkins University Applied Physics Laboratory/Carnegie Institution of Washington

“Enhanced Color Mercury Map”
Image courtesy of NASA/Johns Hopkins University Applied Physics Laboratory/Carnegie Institution of Washington

“Cosmic Designs and the Planets: Mercury” (excerpt)
NASA’s Goddard Space Flight Center / Scientific Visualization Studio

“Cosmic Web” (excerpt)
NASA’s Goddard Space Flight Center / Scientific Visualization Studio

Project Support: Frank Summers (STScI)

Animators:
Lars Hernquist / Harvard University
Martin White / Harvard University

“The Non-Linear Evolution of the Universe: From 20 Million to 14 Billion Years Old” (excerpt)
Visualization by AVL: Donna J Cox, Stuart Levy, Matthew Hall and Robert Patterson / NCSA at UIUC

Producers: Micheal McClare / HTSI and Donna Cox / AVL, NCSA at UIUC

Scientists:
Dr. Renyue Cen / Princeton University
Dr. Jeremiah P. Ostriker / Princeton University
PRODUCTION CREDITS

JUPITER (8min 43s)

“Jupiter’s Surface and the Great Red Spot” (iStock.com)

“Satellite Amalthea, Jupiter V, Orbiting Around Jupiter Planet” (iStock.com)

“Jovian Moon” (excerpt from the video made for the performance) “Just Ancient Loops” in collaboration with Bill Morrison
Visualization by eDream Institute and AVL / NCSA at UIUC
  eDream/AVL Director: Donna J Cox
  Research Artist: Robert Patterson
  Research Programmers: Stuart Levy and Alex Bett

Jupiter texture created by Steve Albers using data from NASA/JPL/Space Science Institute

Europa texture created by Steve Albers using maps and data from Björn Jónsson, USGS, and NASA

“First Light in the Renaissance Simulations: Formation of the Very First Galaxies in the Universe” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy, AJ Christensen, Kalina Borkiewicz and Jeff Carpenter / NCSA at UIUC

Scientific simulation:
  Michael Norman and Hao Xu / University of California at San Diego
  Brian O’Shea / Michigan State University
  John Wise / Georgia Institute of Technology
  Kjungjin Ahn / Chosun University

“Supernova Explosion of One of the First Generation of Stars in the Universe”
(excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy, Matthew Hall and Jeff Carpenter / NCSA at UIUC

Scientific simulation:
  Brian O’Shea / Michigan State University

“Cosmic Bubble Bath: How the First Galaxies Reionize the Universe” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy, AJ Christensen, Kalina Borkiewicz and Jeff Carpenter / NCSA at UIUC

Scientific simulation:
  Michael Norman, Pengfei Chen and Hao Xu / University of California at San Diego
  Daniel Reynolds / Southern Methodist University
  John Wise / Georgia Institute of Technology
PRODUCTION CREDITS

“Jupiter Marble / NASA’s Juno Spacecraft”
Image courtesy of NASA/JPL-Caltech/SwRI/MSSS/Kevin M. Gill

SATURN (9min 04s)

“Saturnus Ring” iStock.com

“Planet Saturn Orbiting, Ring, Closeup” iStock.com

“Flight Through Star Field” iStock.com

“Saturn Rings Disappearing” (excerpt)
NASA’s Goddard Space Flight Center / Scientific Visualization Studio

“Saturn” (excerpt from) “Cosmic Designs”

NASA’s Goddard Space Flight Center / Scientific Visualization Studio

URANUS (5min 54s)

“Flight to the Center of the Milky Way” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson and Stuart Levy / NCSA at UIUC

Science advisors:
Mark Morris / University of California, Los Angeles
Doug Roberts / Northwestern University

Milky Way Reference Image of M83: David Malin, AAO

Galactic Center Reference Imagery:
Mark Morris and Farhad Yusef-Zadeh
Doug Roberts and W.M. Goss
N. Kassim, T.N LaRossa, T. Joseph Lazio and S.D. Hyman

Observational data: Hipparcos Star Catalog

“The Orion Nebula” (excerpt)
NASA’s Goddard Space Flight Center / Scientific Visualization Studio

Video and images courtesy of NASA/ESA/STScI/AURA/the Hubble Heritage Team

“Bright Pillars in the Carina Nebula” (excerpt)
NASA’s Goddard Space Flight Center / Scientific Visualization Studio

NASA: G. Bacon, L. Frattare, Z. Levay, and F. Summers (Viz3D Team, STScI)
PRODUCTION CREDITS

Project support:
Frank Summers (STScI)
Mark Malanoski (GST)
Greg Bacon (STScI/AURA)
Lisa Frattare (STScI)
Zoltan Levay (STScI/AURA)

“A Flight Into the Bubble Nebula” (excerpt)
NASA's Goddard Space Flight Center / Scientific Visualization Studio

NASA/ESA and F. Summers, G. Bacon, Z. Levay, and L. Frattare (Viz 3D Team, STScI)

Acknowledgment: A.Fugii, USNO/STScI, Digitized Sky Survey (DSS), (STScI/AURA), Palomar/Caltech, and UKSTU/AAO, T. Rector/University of Alaska Anchorage, H. Schweiker/WIYN and NOAO/AURA/NSF, NASA, ESA, and the Hubble Heritage Team (STScI/AURA)

“Journey Through the Galaxy” iStock.com

“Stars and Galaxies. Multicolored. Space Background: Nebulas, Stars, Comets” iStock.com

“Space Background” iStock.com

“Flying Through Multi Colored Nebula” iStock.com

“Molecular Cloud Simulation” (excerpt)
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy, Alex Betts, Matthew Hall, AJ Christensen and Jeff Carpenter / NCSA at UIUC

Scientific simulation:
Alexei Kritsuk and Michael Norman / University of California, San Diego

“Abstract Cosmic Planet Nebula Starfield” iStock.com

“Satellite Ariel or Uranus I Orbiting Around Uranus Planet” iStock.com

NEPTUNE (7min 47s)

Excerpt from “Paradises Lost” made for a performance of Stephen Taylor’s opera, based on an Ursula K. Le Guin short story of the same name
Visualization by AVL: Robert Patterson, Stuart Levy and Jeff Carpenter / NCSA at UIUC

“Colliding Galaxies” A Fulldome simulation (excerpt)
Visualization: Frank Summers (STScI)
PRODUCTION CREDITS

Simulation:
Chris Mihos / Case Western Reserve University
Lars Hernquist / Harvard University

“Artist’s Impression of the Quasar 3C 279” (excerpt)
M. Kornmesser (ESO)

“Neptune and its Moons” (excerpt)
NASA/ESA/Hubble Heritage Team (STScI/OPO) and G. Bacon (STScI)

“Artist’s Impression of a Distant Quasar” (excerpt)
M. Kornmesser (ESO)

“Zooming on Fomalhaut b” (excerpt)
M. Kornmesser (ESA/Hubble) and L. L. Christensen (ESO)

“Flame Nebula” image
NASA’s Deep Space Station (DSS)

Whirlpool Galaxy image courtesy of NASA/CXC/Wesleyan Univ./R. Kilgard, et al. and NASA/STScI

NASA’s Goddard Space Flight Center / Scientific Visualization Lab

“Hubble Spots a Celestial Bauble” (excerpt)
NASA/ESA/Hubble Heritage Team (STScI/AURA): G. Bacon, T. Borders, L. Frattare, Z. Levay, and F. Summers

“Hubblecast 51: Star-forming region S 106” (excerpt)
Visual design and editing: M. Kornmesser (ESA/Hubble)
Web and technical support: Lars Holm Nielsen and Raquel Yumi Shida
Written by: Oli Usher and Bárbara Ferreira
Narration: Joe Liske (Dr J)
Images: NASA, ESA
Animations: Greg Bacon (STScI), M. Kornmesser (ESA/Hubble)
Music: Zero Project
Directed by: Oli Usher
Executive Producer: Lars Lindberg Christensen

“The Blue Supergiant Star LS1 (Artist’s Impression)” (excerpt)
M. Kornmesser (ESA/Hubble)

“M81” excerpt
Created for Gerry Guthrie
Visualization by AVL: Donna J Cox, Robert Patterson, Stuart Levy and Jeff Carpenter / NCSA at UIUC
Program Notes

Gustav Holst (1874-1943)
The Planets, Opus 31 (1916)

Gustav Holst was, along with Ralph Vaughan Williams, one of the first native-born English musicians since Henry Purcell in the seventeenth century to receive great acclaim. He was a major figure in the folk song revival of the twentieth century and, as one consequence of this interest, his style characteristically blends traditional music and avant-garde elements that show the influence of Wagner and Debussy. Indeed, his music is often more radically modern than that of his English contemporaries, especially in instances where he employs bi- or poly-tonality. At the same time, Holst’s work can seem esoteric due to his interest in Hindu philosophy, which he freely integrated into the subject matter of his compositions and his texts for vocal music. Yet he also gained in popularity in the latter half of the twentieth century because of the growing prominence of the symphonic band. His two suites for military band have become staples in the repertoire for high school, collegiate, and professional bands.

The Planets remains Holst’s most popular work and generally overshadows his other innovative music. Completed in 1916 but not premiered publicly until 1920, the seven-movement orchestral work draws on astrology, which the composer told his friends was a “pet vice.” The Planets, in Holst’s own words, is not programmatic, nor do the movements refer primarily to Roman gods and goddesses; rather, they “draw on the astrological significance of the planets… If any guide to the music is required the subtitle to each piece will be found sufficient, especially if it be used in the broad sense.” Holst’s helpful subtitles notwithstanding, each movement has its own distinct musical and poetic character.

Mars, the Bringer of War The work begins with a martial allegro. The strings relentlessly pound out an eight-note ostinato that becomes a backdrop for a simple, yet disjointed, melody and short flourishes in the brass and winds. Given their traditional warlike associations, the brass instruments appropriately take the lead in Mars. The string ostinato provides the impetus for jarring orchestral tuttis that fully live up to the bellicosity implied by the subtitle.

Venus, the Bringer of Peace Mars is immediately contrasted with Venus, a tranquil slow movement. Venus especially shows the influence of Debussy with its whole-tone melodies and slow, oscillating harmonies. Paradoxically, the dulcet clashing of notes provides a sense of serenity that is further established by breaks in the texture, allowing solo instruments, especially violins, flutes, and horns, to lyrically express peaceful thoughts in turn.
Mercury, the Winged Messenger As the third movement, Holst wrote a scherzo, the type and its associated lighthearted character providing an apt vessel to evoke a winged messenger. The spritely theme of Mercury first sounds from a solo violin after an opening section of running scales. It is taken up by the oboe and flute before being embraced by the entire orchestra. After the grandiose thematic statement, most of the movement consists of short, but earnest, motives and scales played by the more buoyant and high-pitched members of the orchestra.

Jupiter, the Bringer of Jollity The brass instruments become prominent again in the movement devoted to Jupiter, the largest of the planets. Rapid string flourishes introduce a powerful syncopated theme played by the horns. Off-beat gestures throughout the movement both keep the music energized and allow a second theme in triple meter without syncopation to make a bigger impact. The famous lyric theme, upon which Holst based the hymn tune “Thaxted,” emerges in a middle section. The tune sounds thoroughly “English” and, like the more robust sections of Jupiter, presents a serious vision of jollity and gaiety.

Saturn, the Bringer of Old Age Saturn is another adagio and has a somber character at the outset. Its crawling tempo and repetitive off-beat patterns are reminiscent of a funeral march. Later in the movement, Holst uses chimes to mimic the fateful tolling of church bells and reinforce the audience’s awareness of the inevitability of death. Saturn is almost two movements in one: two-thirds of the way into the movement the orchestra fades out before a new section, dominated by sparkling harp motions and ethereal harmonies, enters to end the movement.

Uranus, the Magician Uranus is the most convivial movement of The Planets, but has a fantastic, bizarre manner that calls to mind an atmosphere of flamboyance and oddity that one might find at a carnival or sideshow, especially through the capricious scalar motives in the winds and the rollicking brass themes. The energy of the movement, created in large part throughout by soloistic timpani hits, dissipates abruptly, and the phantasmagoria vanishes, leaving only quiet murmurs in the strings.
Neptune, the Mystic Holst ends the piece with an arcane consideration of Neptune, in the early twentieth century the most distant known planet in our solar system. Through the parallel-moving chords, waves of harp and mallet percussion, and enchanted theme he composed for Neptune, Holst creates an uncanny musical effect. He also integrates a women’s choir into the movement. At the end of Neptune, the celestial vocalizations of the singers alongside the orchestra fade away, adding to the multitude of vivid, theatrical effects that permeate Holst’s Planets.—Peter Kohanski under the direction of Margaret Notley

Upcoming Events
Dec. 6 - Fort Worth Symphony Orchestra & A Cappella Choir, Handel’s Messiah
Dec. 9 - Fort Worth Symphony Orchestra & A Cappella Choir, Handel’s Messiah, Bass Hall

All concerts begin at 7:30 pm and are held in Winspear Hall unless noted.
Clay Couturiaux is the Assistant Director of Orchestral Studies at the University of North Texas where he currently teaches orchestral conducting and is conductor of the UNT Concert Orchestra. The 2019–20 season marks Couturiaux’s eighth season as Music Director and Conductor of the Richardson Symphony Orchestra and his sixteenth season as Music Director and Conductor of the Monroe Symphony Orchestra in Louisiana.

Maestro Couturiaux has accumulated over two decades of experience conducting professional symphony orchestras and teaching at the university level. His career has taken him across the United States, Europe, and Asia including concerts with the Vietnam National Symphony Orchestra, Ho Chi Minh City Symphony Orchestra, Milano Classica Orchestra da Camera, and National Taiwan Normal University Symphony Orchestra. Other professional conducting engagements include performances with the Abilene Philharmonic, Arkansas Symphony, Austin Symphony, Metropolitan Classical Ballet, East Texas Symphony Orchestra, Texas Chamber Orchestra, and Wichita Falls Symphony Orchestra.

Further highlights include conducting the University of North Texas Symphony Orchestra in concert for an audience of 37,000 at Cowboys Stadium in a major collaboration with the North Texas XLV Super Bowl Host Committee, NFL Films, and Tim McGraw. He has also recorded with the UNT Chamber Orchestra on the Crystal Records label.

In addition to his professional schedule, Maestro Couturiaux regularly serves as a guest conductor/clinician, including concerts with several Texas All-Region Honors Orchestras.

In March 2013 the Northeast Louisiana Arts Council named Maestro Couturiaux the recipient of the Edmund Williamson Artist of the Year Award. The award is presented to an artist who the selection committee feels has made the most significant contribution to the improvement of the quality of life for Northeast Louisiana.

Dr. Couturiaux began his musical studies at the age of eight in violoncello and piano. He holds degrees in both conducting and violoncello performance from the University of North Texas. In addition, he developed his conducting skills at the world-renowned Pierre Monteux School for Conductors and Orchestra Musicians in Maine and at the National Arts Centre Conductors Programme in Ottawa, Canada. The long list of distinguished conductors with whom Couturiaux studied includes Anshel Brusilow, Jorma Panula, Michael Jinbo, Hugh Wolff, Neal Gittleman, Carl Topilow, and Harold Farberman.
CONCERT ORCHESTRA

Violin I
Lydia Anne Barnett, Concertmaster
Xueyan Wu
Clarissa Tamara
Yeseul Lee
Joseph Reding
Oriana Gonzalez
Dustin Woods
Isabel Castillo
Antonella Quintana
Sara Holtgrewe
Hanbin Xiong
Esther Tran
Lydia Hong
Teresa Lee
Sherry Su

Violin II
Charles Latimer, Principal
Nick Hasapes
Sebastian Grajeda
Cristian Contreras
Victor Granados
Diana Sofia Zavala
Joseph Leal
Emil De Veyra
Ciana Rosenblad
Kai Tze Chua
Isaac Morales
Matthew Storie
Christopher Djinov
Brianna Brown

Viola
Patrick Hayes, Principal
Haley Kruse
Meredith Wilder
Sarah Shultz
Olivia Hahn
Katy Hinton
Johnna Bandy
Javier Cavazos Weems
Sydney Bunce
Robert Pepples
Megan Oshiro
Meghan Scott

Cello
Alexander Paradis, Principal
Ya-Chen Lee
Jin Wang
Garrett Hayes
Laura Milanes
Emily Mahler
Clara Turner
Chanyoung Seo
Emily Wey
Jasmine Lin
Amber Schwister
Rachael Levine
Amy Sanders
Bryanne Taft
Nicolas Clark

Double Bass
Yun-Huei Jen, Principal
Zoe Czamecki
Han Meng
Ziqing Guan
Lap Kan Leong
Huxian Su
Daniel Davidson
Josue Reyes
Cole Rouse

Viola
Patrick Hayes, Principal
Haley Kruse
Meredith Wilder
Sarah Shultz
Olivia Hahn
Katy Hinton
Johnna Bandy
Javier Cavazos Weems
Sydney Bunce
Robert Pepples
Megan Oshiro
Meghan Scott

Flute
Megan Hutchison, Principal
Hui Lam Mak
Adrienne Andrews, piccolo
Olivia Jirousek, piccolo and alto
Amanda Welch

Oboe
Tyler Romesberg, Principal
Jose Negrete
Lauren Nelson, bass

English Horn
Meghan Dunn

Clarinet
Quan Tran, Principal
Raylin Hooks
Nathan Kock

Bass Clarinet
Joshua Rodriguez

Bassoon
Peishan Li, Principal
Marco Uriegas
Jay Lopez

Contra Bassoon
Robert Richter

Horn
Zachary Anderson, Principal
Allison Rau
Scott Mayo
Nathan Howton
Caroline Bunce
Trenton Carr

Trumpet
Emmanuel Flores, Principal
Stephanie Larson
Jacqueline Hritzo
Mary Maule

Trombone
Adam Thomas, Principal
Zachary Johnson
Nick St. Croix

Tuba
Trevor Clipp

Euphonium
Boonyarit Kittaweepitak

Timpani
Chad Beebe, Principal
Jake Betts

Percussion
I-Cheng Che, Principal
Marissa Bowler
Mabon Caniff

Harp
Carrie Anderson, Principal
Marti Moreland

Celesta
Yongseok Kwon

Organ
Michael Soto
FACULTY AND STAFF

Orchestral Studies
David Itkin, Anshel Brusilow Professor of Orchestral Studies
Clay Couturiaux, Assistant Director of Orchestral Studies
Charles Andersen, Doctoral Conducting Associate/Operations Manager/Conducting Class
Gabriela Garzón Avendaño, Master’s Conducting Associate/Personnel Manager
Jack Buddenhagen, Master’s Conducting Associate/Librarian
Charles Baldwin, Richard Brochetti, Tivon Lee, Operations Assistants

Instrumental Studies & Keyboard Studies (*Adjunct)
*Aria Bard-Schwarz, violin
Julia Bushkova, violin
*Eunice Keem, violin
Philip Lewis, violin
Felix Olshofka, violin
Susan Dubois, viola
Daphne Gerling, viola
Eugene Osachy, cello
Nikola Ružević, cello
Jeffrey Bradetic, double bass
Gudrun Raschen, double bass
Jaymee Haefner, harp
Mary Karen Clardy, flute
Elizabeth McNutt, flute
*James Scott, flute
Terri Sundberg, flute
James Ryon, oboe
*Jonathan Thompson, oboe
*Stanislav Chernyshev, clarinet
Daryl Coad, clarinet
Deb Fabian, clarinet
Kimberly Cole Luevano, clarinet
Phillip Paglialonga, clarinet
*Ivan Petruzzelli, clarinet
*Gregory Raden, clarinet
*John Scott, clarinet

*Ania Bard-Schwarz, violin
Julia Bushkova, violin
*Eunice Keem, violin
Philip Lewis, violin
Felix Olshofka, violin
Susan Dubois, viola
Daphne Gerling, viola
Eugene Osachy, cello
Nikola Ružević, cello
Jeffrey Bradetic, double bass
Gudrun Raschen, double bass
Jaymee Haefner, harp
Mary Karen Clardy, flute
Elizabeth McNutt, flute
*James Scott, flute
Terri Sundberg, flute
James Ryon, oboe
*Jonathan Thompson, oboe
*Stanislav Chernyshev, clarinet
Daryl Coad, clarinet
Deb Fabian, clarinet
Kimberly Cole Luevano, clarinet
Phillip Paglialonga, clarinet
*Ivan Petruzzelli, clarinet
*Gregory Raden, clarinet
*John Scott, clarinet

*Jorge Cruz, bassoon
Kathleen Reynolds, bassoon
Eric Nestler, saxophone
John Holt, trumpet
Caleb Hudson, trumpet
Raquel Samayoa, trumpet
Stacie Mickens, horn
*Natalie Young, horn
Tony Baker, trombone
Natalie Mannix, trombone
Steven Menard, trombone
David Childs, euphonium
*Matthew Good, tuba
Don Little, tuba
Christopher Deane, percussion
Mark Ford, percussion
Paul Rennick, percussion
*Sandia Rennick, percussion
Quincy Davis, drumset
Joseph Banowetz, piano
Steven Harlos, piano
Pamela Mia Paul, piano
Elvia Puccinelli, collaborative piano
Gustavo Romero, piano
Vladimir Viardo, piano
Adam Wodnicki, piano

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Warren H. Henry - Senior Associate Dean, Academic Affairs
Jon Christopher Nelson - Associate Dean, Operations
Emilita Marin - Assistant Dean, Business and Finance
Raymond Rowell - Assistant Dean, Enrollment Management and External Affairs
Felix Olshofka - Director, Graduate Studies
Kirsten Soriano Broberg - Director, Undergraduate Studies
Joel D. Wiley - Director, Admissions
Matt Hardman - Director, Communications, Marketing and Public Relations