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Friday - Saturday | Aug 8-9 | 2025



DEPARTMENT OF
**PHYSICS &
ASTRONOMY**

TEXAS TECH
College of Arts & Sciences



CLASS OF 2025

BACHELOR OF SCIENCE

Darby Michelle Hanes^{3,4}

2nd Degree: Electrical Engineering

¹Summa Cum Laude ⁴Magna Cum Laude ³Cum Laude ⁴With Honors

DOCTOR OF PHILOSOPHY

Imtiaz Ahmad

Dissertation: *Coupled Surface Plasmon-Phonon
Polaritonic Metasurfaces for an Active Control of
Long-wave Infrared Light*

Major Professor: Myong-Hwan Kim

Jessica Renee Lawrence

Dissertation: *Developing a Novel Method to
Detecting the Astrophysical Gravitational-wave
Background in the LIGO-Virgo-KAGRA Frequency
Band*

Major Professors: Joseph Romano and Thomas
Maccarone

Eliot Clare Pattie

Dissertation: *Investigating with Relativistic Jets
of Neutron Star X-ray Binaries and Studying
Galactic Radio Populations*

Major Professor: Thomas Maccarone

Sandeep Puri

Dissertation: *Design and Development of
Fission/Fusion Rocket Propulsion System*
Major Professor: Robert V. Duncan