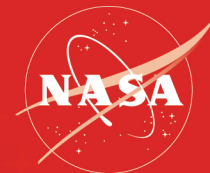


National Aeronautics and Space Administration



Office of
Small Business
Mentor-Protégé Program

Historically Black Colleges and Universities

TECHNOLOGY INFUSION ROAD TOUR

and Minority-Serving Institutions

www.nasa.gov

University of Texas at Arlington

Technology Infusion Road Tour Presentation Outline

- Each University/Institution will have the platform to present capabilities for :20 minutes and the remaining :10 minutes for Q&A from NASA OSBP, Technical POCs and Large Prime Contractors
- At a minimum, please include the following in the HBCU/MSI Technology Infusion Road Tour:
 - University Curriculum
 - University Programs and Degrees
 - Past Performance (Contracts & Subcontracts)
 - University Points of Contacts

University of Texas at Arlington

- University Curriculum

See attachment-University Curriculum

University of Texas at Arlington

- University Programs and Degrees

[COLLEGE of ARCHITECTURE, PLANNING and PUBLIC AFFAIRS](#)

- Architecture - BS
- Interior Design - BS
- Architecture - M.Arch.
- Landscape Architecture - MLA
- City & Regional Planning - MCIRP
- Academic Partnership Online Master of Public Administration - MPA
- Public Administration - MPA
- Urban Affairs - MA
- Public & Urban Administration - PhD
- Urban Planning & Public Policy - PhD

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF BUSINESS](#)

- [Department of Accounting](#)
 - Accounting - BBA
 - Accounting - BS
 - Accounting - MS
 - Professional Accounting - MPA
 - Taxation - MS
 - Accounting - PhD
 - [Business administration, undergraduate programs](#)
 - International Business Administration - French - BBA
 - International Business Administration - German - BBA
 - International Business Administration - Russian - BBA
 - International Business Administration - Spanish - BBA
 - Real Estate - BBA
 - [BUSINESS ADMINISTRATION, GRADUATE PROGRAMS](#)
 - Business Administration - MBA (Flexible Format)
 - Business Administration - MBA (Professional Cohort)
 - Executive Business Administration - MBA
 - Business Administration - PhD

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF BUSINESS](#)

- [Department of Economics](#)
 - Economics - BBA
 - Economics - BS
 - Economics - MS *pending SACSCOC approval
 - [Department of Finance and Real Estate](#)
 - Finance - BBA
 - Quantitative Finance - MS
 - Finance (Business Administration) - PhD
 - [Health Care Administration Program](#)
 - Health Care Administration - MS
 - [Department of Information Systems & Operation Management](#)
 - Information Systems - BBA
 - Information Systems - BS
 - Operations Management - BBA
 - Business Analytics - MS
 - Information Systems - MS
 - Information Systems (Business Administration) - PhD
 - Mathematical Sciences, Information Systems - PhD

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF BUSINESS](#)

- [Department of Management](#)
 - Management - BBA
 - Human Resource Management - MS
 - Management (Business Administration) - PhD
 - [Department of Marketing](#)
 - Marketing - BBA
 - Marketing Research - MS
 - Marketing (Business Administration) - PhD

University of Texas at Arlington

- University Programs and Degrees

[COLLEGE OF EDUCATION](#)

- [Department of Curriculum and Instruction](#)
- Interdisciplinary Studies - Education - BAIS
- Interdisciplinary Studies - Education - BAIS
- Interdisciplinary Studies Education - BSIS
- Academic Partnership Ed Curriculum & Instruction - MEd Mathematics
- Academic Partnership Ed Curriculum & Instruction - MEd Science
- Academic Partnership Ed Curriculum & Instruction - MEd Triple Literacy
- Ed Curriculum & Instruction - MEd
- Ed Curriculum & Instruction, Mathematics - MEd
- Ed Curriculum & Instruction, Science - MEd
- Ed Curriculum & Instruction, Writing Focus - MEd
- Mind, Brain and Education - MEd
- Reading Specialist - MEd
- Teaching - Early Childhood - MEdT
- Teaching - Middle Level - MEdT
- Teaching - Secondary Level - MEdT

University of Texas at Arlington

- University Programs and Degrees

COLLEGE OF EDUCATION

- [Department of Educational Leadership and Policy Studies](#)
- Academic Partnership Ed Leadership & Policy Studies - MEd
- Ed Leadership & Policy Studies - MEd
- Ed Leadership (K-16) – PhD

COLLEGE OF ENGINEERING

- [Department of Bioengineering](#)
- Biomedical Engineering - BS
- Biomedical Engineering - MS
- Biomedical Engineering - BS to PhD
- Biomedical Engineering - PhD
- [Department of Civil Engineering](#)
- Civil Engineering - BSCE
- Civil Engineering - MEngr
- Civil Engineering - MEngr Fast Track
- Civil Engineering - MS
- Civil Engineering - PhD

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF ENGINEERING](#)

- [Department of Computer Science and Engineering](#)
 - Computer Engineering - BSCSE
 - Computer Science-BSCS - BSCS
 - Software Engineering - BS
 - Computer Engineering - MS
 - Computer Science - MS
 - Software Engineering - MSWEN
 - Computer Engineering - BS to PhD
 - Computer Engineering - PhD
 - Computer Science - BS to PhD
 - Computer Science - PhD
 - Mathematical Sciences, Computer Science - PhD

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF ENGINEERING](#)

- [Department of Electrical Engineering](#)
 - Electrical Engineering - BSEE
 - Electrical Engineering Fast Track - BSEE
 - Electrical Engineering - MEng
 - Electrical Engineering - MS
 - Electrical Engineering - MS Fast Track
 - Electrical Engineering - BS to PhD
 - Electrical Engineering - PhD
 - [Department of Industrial and Manufacturing Systems Engineering](#)
 - Industrial Engineering - BSIE
 - Engineering Management - MS
 - Industrial Engineering - MEng
 - Industrial Engineering - MS
 - Logistics - MS
 - Systems Engineering - MS
 - Industrial Engineering - BS to PhD
 - Industrial Engineering - PhD

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF ENGINEERING](#)

- [Department of Materials Science and Engineering](#)
 - Materials Science and Engineering - MEngr
 - Materials Science and Engineering - MS
 - Materials Science and Engineering - BS to PhD
 - Materials Science and Engineering - PhD
 - [Department of Mechanical and Aerospace Engineering](#)
 - Aerospace Engineering - BSASE
 - Aerospace Engineering Fast Track - BSASE
 - Aerospace Engineering - MS
 - Aerospace Engineering - MEngr
 - Aerospace Engineering - BS to PhD
 - Aerospace Engineering - PhD
 - Mechanical Engineering - BSME
 - Mechanical Engineering - MS
 - Mechanical Engineering - MEngr
 - Mechanical Engineering - BS to PhD
 - Mechanical Engineering - PhD

University of Texas at Arlington

- University Programs and Degrees

[COLLEGE OF LIBERAL ARTS](#)

- [Department of Sociology and Anthropology](#)
 - Anthropology - BA
 - Sociology - BA
 - Anthropology - MA
 - Sociology - MA
- [Department of Art & Art History](#)
 - Art - BA
 - Art History - BA
 - Art (with teacher certification) - BFA
 - Art - BFA
 - Art - MFA

University of Texas at Arlington

- ## University Programs and Degrees

- [COLLEGE OF LIBERAL ARTS](#)

- [Department of Communication](#)
 - Communication - Advertising - BA
 - Communication - Broadcasting - BA
 - Communication - Communication Technology - BA
 - Communication - Journalism - BA
 - Communication - Journalism - Secondary Teaching Certification - BA
 - Communication - Public Relations - BA
 - Communication Studies - Organizational Communication - BA
 - Communication Studies - Speech Communication - BA
 - Communication Studies - Speech Communication - Secondary Teaching Certification - BA
 - Communications - MA
 - [Department of Criminology & Criminal Justice](#)
 - Criminology & Criminal Justice - Bachelor - BCRCJ
 - Criminology and Criminal Justice - BA
 - Criminology and Criminal Justice - MA

University of Texas at Arlington

- University Programs and Degrees

[COLLEGE OF LIBERAL ARTS](#)

- [Department of English](#)
 - English - BA
 - English Teaching - BA
 - English With Creative Writing Minor - BA
 - English With Writing Minor - BA
 - English - MA
 - English - PhD
- [Department of History](#)
 - History - BA
 - History Pre-Law BA - BA
 - History Teaching - BA
 - History Teaching with Social Studies - BA
 - History - MA
 - Transatlantic History - BA to PhD
 - Transatlantic History - PhD

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF LIBERAL ARTS](#)

- [Department of Linguistics](#)
 - Linguistics - BA
 - Linguistics - MA
 - Teaching English to Speakers of Other Languages (TESOL) - MA
 - Linguistics - PhD
 - [Department of Modern Languages](#)
 - Critical Languages and International Studies - BA
 - French - BA
 - French Teaching - BA
 - Modern Languages - BA
 - Spanish - BA
 - Spanish Teaching - BA
 - Modern Languages (Spanish or French concentration) - MA

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF LIBERAL ARTS](#)

- [Department of Music](#)
 - Music, All Level Band Emphasis - BM
 - Music, All Level Choral/Keyboard Concentration - BM
 - Music, All Level Choral/Voice Concentration - BM
 - Music, All Level Orchestra Emphasis - BM
 - Music, Business - BM
 - Music, Composition Concentration - BM
 - Music, Instrumental Orchestra Performance - BM
 - Music, Instrumental Performance Band - BM
 - Music, Jazz Studies - BM
 - Music, Keyboard Pedagogy - BM
 - Music, Keyboard Performance - BM
 - Music, Media - BM
 - Music, Theatre - BM
 - Music, Theory Concentration - BM
 - Music, Voice Pedagogy - BM
 - Music, Voice Performance - BM
 - Music Performance - MM
 - Music - MM

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF LIBERAL ARTS](#)

- [Department of Philosophy and Humanities](#)
 - Philosophy - BA
 - Philosophy General Track - BA
 - Philosophy Pre-Professional Track - BA
 - [Department of Political Science](#)
 - Political Science - BA
 - Political Science - MA
 - [Department of Theatre Arts](#)
 - Theatre Arts - BA
 - Theatre Arts - BFA
 - Theatre Arts Teaching - BA

University of Texas at Arlington

- **University Programs and Degrees**

[COLLEGE OF NURSING AND HEALTH INNOVATION](#)

- Nursing - BSN
- Nursing RN to BSN - BSN
- Academic Partnership Nurse Educator - MSN
- Academic Partnership Nursing Administration - MSN
- Academic Partnership, Nurse Family Practitioner - MSN
- Nurse Practitioner, Adult / Gerontology Primary Care - MSN
- Nurse Practitioner, MSN
- Nursing Administration, MSN
- Nursing Education, MSN
- Doctor of Nursing Practice - DNP
- Nursing Administration - BSN to PhD
- Nursing Educator - BSN to PhD
- Nursing, Clinical - BSN to PhD
- Nursing - PhD

University of Texas at Arlington

- University Programs and Degrees

[COLLEGE OF NURSING AND HEALTH INNOVATION](#)

- [DEPARTMENT OF KINESIOLOGY](#)
- Exercise Science - BS
- Kinesiology - BA
- Kinesiology All-Level - BA
- Athletic Training - MS
- Exercise Science – MS

[COLLEGE OF SCIENCE](#)

- [Department of Biology](#)
- Biology - BA
- Biology - BS
- Biology Teaching - BA
- Biology Teaching - BS
- Medical Technology - BS
- Microbiology - BS
- Biology - MS
- Quantitative Biology - BS to PhD
- Quantitative Biology - PhD

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF SCIENCE](#)

- [Department of Chemistry & Biochemistry](#)
 - Biochemistry - BS
 - Biological Chemistry - BS
 - Chemistry - BA
 - Chemistry - BS
 - Chemistry Teaching - BA
 - Chemistry Teaching - BS
 - Chemistry - MS
 - Chemistry - BS to PhD
 - Chemistry - PhD
 - [Department of Earth and Environmental Sciences](#)
 - Environmental and Earth Science - BS
 - Geoinformatics - BS
 - Geoinformatics - BS
 - Geology - BA
 - Geology - BS
 - Geology Teaching - BA
 - Earth and Environmental Science/Geology - MS
 - Earth and Environmental Science - BS to PhD
 - Earth and Environmental Science - PhD

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF SCIENCE](#)

- [Interdisciplinary Science](#)
 - Interdisciplinary Science - MA
 - [Department of Mathematics](#)
 - Mathematics - BA
 - Mathematics - BS
 - Mathematics Teaching - BA
 - Mathematics-BS Actuarial Science Option - BS
 - Mathematics-BS Biology Option - BS
 - Mathematics-BS Computer Science Option - BS
 - Mathematics-BS Industrial & Applied Mathematics Option - BS
 - Mathematics-BS Management Science/Operations Research Option - BS
 - Mathematics-BS Pure Math Option - BS
 - Mathematics-BS Statistics Option - BS
 - Mathematics (General Mathematics) - MS

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF SCIENCE](#)

- [Department of Mathematics](#)
 - Mathematics (General Statistics) - MS
 - Mathematics Teaching - MA
 - Mathematics - MA
 - Mathematical Sciences, Mathematics - PhD
 - Mathematics (General Mathematics) - BS to PhD
 - Mathematics (General Mathematics) - PhD
 - Mathematics (General Statistics) - BS to PhD
 - Mathematics (General Statistics) - PhD

University of Texas at Arlington

- University Programs and Degrees

- [COLLEGE OF SCIENCE](#)

- [Department of Physics](#)
 - Physics - BA
 - Physics - BS
 - Physics Teaching - BA
 - Physics - MS
 - Physics and Applied Physics - BS to PhD
 - Physics and Applied Physics - PhD
 - [Department of Psychology](#)
 - Psychology - BA
 - Psychology - BS
 - Psychology, Experimental - MS
 - Psychology, Health/Neuroscience - MS
 - Psychology, Industrial and Organizational - MS

University of Texas at Arlington

- University Programs and Degrees

[SCHOOL OF SOCIAL WORK](#)

- Social Work - BSW
- Social Work - MSW
- Social Work - PhD

[UNIVERSITY COLLEGE](#)

- Interdisciplinary Studies - BA
- Interdisciplinary Studies - BS
- University Studies - BS

University of Texas at Arlington

- **Past Performance (Contracts & Subcontracts)**

Kinesiology: Thermoregulatory Capacity and Exercise Responses Following Prolonged Lunar Analog Bed Rest

Start 01/10/2008 End 09-30-2011 \$224,877

Science-Physics: Solar wind-magnetosphere coupling periods with large IMF

Start 07-15-2010 End 07-13-2013 \$85,871

Science-Physics: Auroral Ionosphere-Magnetosphere Plasma Transport with Alfvén Kinetic Effects

Start 08-16-2009 End 08-15-2010 \$100,222

Science-Physics: Solar wind-magnetosphere coupling periods with large IMF

Start 07-14-2009 End 07-13-2013 \$79,560

Science-Physics: Solar Wind Variations Associated with Geo-Effectiveness of Geomagnetic Storms

Start 07-01-2009 End 06-30-2010 \$30,000

Science-Physics: Auroral Ionosphere-Magnetosphere Plasma Transport with Alfvén Kinetic Effects

Start 07-01-2008 End 08-15-2010 \$97,114

Science-Physics: Solar Wind Variations Associated with Geo-Effectiveness of Geomagnetic Storms

Start 07-01-2008 End 09-06-2009 \$30,000

Science-Physics: Auroral Ionosphere-Magnetosphere Plasma Transport with Alfvén Kinetic Effects

Start 08-16-2007 End 08-15-2010 \$80,714

Science-Physics: Analysis and Modeling of Photospheric Flows

Start 08-11-2007 End 08-09-2008 \$13,500

Science-Physics: Analysis and Modeling of Photospheric Flows

Start 08-11-2007 End 02-10-2011 \$13,500

Science-Physics: Analysis and Modeling of Photospheric Flows

Start 07-22-2008 End 08-10-2009 \$47,328

Science-Physics: Analysis and Modeling of Photospheric Flows

Start 08-10-2007 End 02-10-2011 \$48,750

University of Texas at Arlington

- **Past Performance (Contracts & Subcontracts)**

Science-Physics: Jupiter-Io Interaction: how are electrons accelerated into the Io magnetic footprint

Start 08-01-2007 End 10-31-2009 \$126,308

Science-Physics: Graduate Student Research on Analysis and Modeling of Flows in the Solar Convection Zone

Start 09-30-2006 End 09-29-2007 \$24,935

Science-Physics: Jupiter-Io Interaction: how are electrons accelerated into the Io magnetic footprint

Start 08-01-2006 End 07-31-2008 \$123,285

Science-Physics: Towards Completing the FUSE dM Star Database: FUV Observations of the Old High Velocity DM1 Star SZ UMA

Start 06-29-2006 End 06-28-2007 \$6,000

Science-Physics: Analysis of TIDE/PSI Data for ISTP Solar Maximum Extended Mission 2005-2007

Start 03-01-2006 End 02-28-2009 \$73,00

Science-Physics: Analysis of TIDE/PSI Data for ISTP Solar Maximum Extended Mission 2005-2007

Start 03-03-2005 End 02-28-2008 \$50,044

Science-Physics: Analysis of TIDE/PSI Data for ISTP Solar Maximum Extended Mission 2005-2007

Start 03-02-2005 End 02-28-2008 \$8,000

Science-Physics: Development of Fatigue Life Prediction of Rotor Spars by Using Discrete Damage Modeling

Start 03-06-2016 End Active \$1.047.437

Science-Physics: The Altitudinal Physics Distributional of Magnetospheric Energy

Start 01-01-2013 End Active \$271,678

Chemistry-Biochemistry: An Ion Chromatograph for Extraterrestrial Explorations

Start 08-30-2013 End 01-16-2016 \$549,114

University of Texas at Arlington

- University Points of Contacts

[Jermy Foresburg](#)

Assistant Vice President for Research

j,forsberg@uta.edu

817-272-3657

[Gregory M. James](#)

Director/PI Cross Timbers Procurement Center

gjames@uta.edu

817-272-5978



University of Texas at Arlington

