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

Science–Physics: Jupiter-lo Interaction: how are electrons accelerated into the lo 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-lo Interaction: how are electrons accelerated into the lo 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
  Start 03-01-2006   End 02-28-2009   $73,00
  Start 03-03-2005   End 02-28-2008   $50,044
  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

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University of Texas at Arlington