

Virginia Tech Board of Visitors Meeting

Information Session

**Sunday, November 15, 2020
1:00 p.m.**

**The Inn – Latham Ballroom A/B
Virginia Tech Campus**

Innovation Campus Update

- Dr. Lance Collins, Vice President and Executive Director for the Innovation Campus

Strategic Plan Dashboard Update

- Dr. Menah Pratt-Clarke, Vice President for Diversity, Inclusion, and Strategic Affairs

President's Committee on Governance/Task Force on the Future of Student Governance

- Dr. Cyril Clarke, Executive Vice President and Provost
- Dr. Frank Shushok, Vice President for Student Affairs

Constituent Reports

- Camellia Pastore, Undergraduate Student Representative to the Board
- Sabrina Sturgeon, Graduate Student Representative to the Board
- Tamarah Smith, Staff Representative to the Board
- Eric Kaufman, Faculty Representative to the Board

Innovation Campus

Board of Visitors Update | November 2020

Innovation Campus Leadership

- Ken Smith joined the Innovation Campus as Chief Operating Officer on October 25
- Ken brings 23 years of experience at Virginia Tech
- We will develop a staffing plan and campus budget



Ken Smith – Former Vice Provost for Resource Management

Building...

- Innovation Campus Academic Building
- Engagement with the Tech Ecosystem
- Tech Talent Pipeline
- World-class Faculty

Building...

- **CULTURE**
- Bold
- Outward Facing—Connected—Impactful
- Lives up to “Innovation” along every dimension

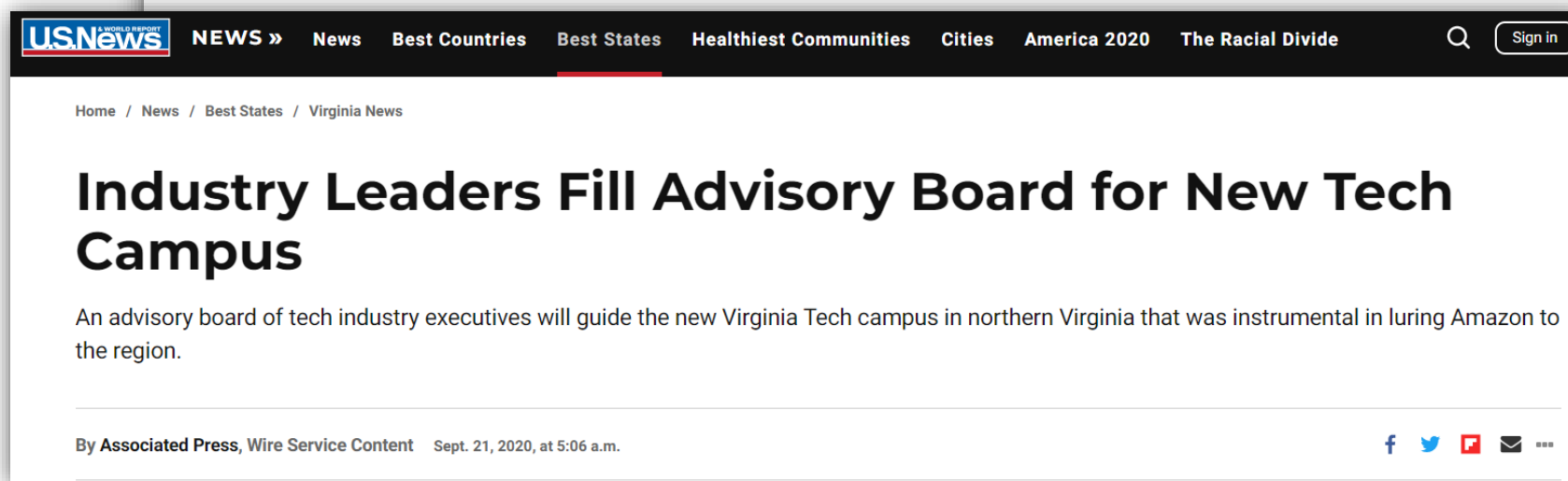
The Innovation Campus
Advisory Board was
announced publicly on
September 21, 2020.





Press Coverage

AP



THE ROANOKE TIMES



The Washington Post



Pillars of the Academic Programs

- **Diversity.** Build the most diverse tech graduate program in the country
- **Project-based curriculum.** Working with the Advisory Board, faculty and staff to develop experiential project-based curriculum as a central feature of all master's degrees
- **Frontier online education**
 - Studio quality video and a team of course designers
 - Creating pathways for working professionals in an urban environment
 - Certificate training programs
 - "Pre-tech" for non-tech majors interested in a career change

Faculty Hiring

- Hire leading faculty from around the world in key research areas:
 - AI / ML / Data Science (privacy vs public good, fairness)
 - “Next G” (wireless, cloud, networks, policy)
 - Immersive Environments (human-computer interaction, virtual and augmented reality)
 - Cybersecurity and Privacy
 - **Quantum Information Sciences** (based on quantum mechanical laws)
- Committee of CS and ECE faculty
- Input from the Advisory Board
- Focus on **senior hires** this academic year

Tech Talent Investment Program

- 2019-2020 bachelor's degree CS and ECE graduates:
 - 349 in-state students, 141 out-of-state students (414)
 - Exceeded undergraduate degree targets in CS and ECE
 - Met undergraduate enrollment targets for Fall 2020
- 2019-2020 Master's Degree CS and ECE Graduates:
 - 20 in-state students, 78 out-of-state students (207)
 - Over 100 deferments
- Implementing enrollment management strategies
 - Engaging Julie Ross and Luisa Havens-Gerardo
 - Increase numbers **and** diversity by 2022

Supporting Community Relations

- Met with local Alexandria City officials in September:
 - Mayor Justin Wilson
 - Vice Mayor Elizabeth Bennett-Parker
 - City Council members: Aguirre, Chapman, Jackson, Pepper, and Seifeldein
 - CEO of Alexandria Chamber of Commerce, Joe Haggerty
 - Alexandria City Manager Mark Jinks
 - CEO of Alexandria Economic Development Partnership, Stephanie Landrum
 - Alexandria City Public Schools, Superintendent of Schools, Dr. Gregory Hutchings, Jr.

"Virginia Tech made the perfect hire and we are so excited to welcome Lance to our community." – Alexandria City Council

Pre-college programs for the tech pipeline

- “Tech Academy” for K-12 students in Alexandria City Public Schools
 - Build on the **Thinkabit** program sponsored by Qualcomm
 - Measurable outcomes
 - Complement broad education ecosystem (e.g., NOVA)
- Develop pathways to achieve regional scale and service the full spectrum of tech talent needs



Academic Building on target for Fall 2024

- Schematic Design review completed on September 28
- Three independent cost estimates within 1.25% of each other
- Preliminary Design underway, to conclude next February
- Shovels in the ground **July 2021**



Innovation Building

- Virginia Tech allocated 75,000 sq ft
- Career services
- Identifying corporate partners to co-locate
- Possibly an incubator for startups



Questions?





Continuous Strategic Planning Annual Milestones Report: The Virginia Tech Difference

BOARD OF VISITORS

NOVEMBER 15, 2020



| <i>Strategic Priority 1: Advance Regional, National, and Global Impact</i> | <i>Progress</i> |
|--|------------------|
| Extramural Research Expenditures | |
| Wall Street Journal/Times Higher Education (WSJ/THE) US College Rankings | |
| Times Higher Education (THE) World University Rankings | |
| Experiential Learning | Recently updated |
| Undergraduate Student Enrollment | |
| Graduate Student Enrollment | |
| Internationally and Nationally Recognized Faculty Awards | |
| Internationally and Nationally Recognized Faculty Publications | |
| Internationally and Nationally Recognized Faculty Citations | |
| Countries Represented by International Faculty | |
| International Student Representation | Recently updated |
| Vibrant Virginia Initiative | Recently updated |
| Invention Disclosure | |
| License Agreements | |
| Start-up Companies | |
| Distance Learning/E-Learning (Milestone is in development) | TBD |

| <i>Strategic Priority 2: Elevate the Ut Prosim (That I May Serve) Difference</i> | <i>Progress</i> |
|---|-----------------|
| Underrepresented Minority Students | |
| Underrepresented Minority or Underserved Students | |
| Corps of Cadets Enrollment | |
| Underrepresented Minority Graduate and Professional Students | |
| Underrepresented Minority Faculty | |
| Female Faculty | |
| New Underrepresented Minority Faculty Hires | |
| New Female Faculty Hires | |
| Graduate Education Programs That Have Incorporated an Inclusion and Diversity Education Component | |
| Undergraduate Students (Enrolled Since 2018) Who Have Completed Two or More Critical Analysis of Equity and Identity Pathways Courses | |
| Undergraduate Students (Enrolled Since 2018) Who Have Completed Two or More Intercultural and Global Awareness Pathways Courses | |
| Underrepresented Minority Staff and Administrative and Professional Faculty | |

| <i>Strategic Priority 3: Be A Destination for Talent</i> | <i>Progress</i> |
|---|------------------|
| Instructional Faculty Salaries | |
| Staff and Administrative and Professional Salaries | |
| Four-Year Graduation Rates for Entering Freshmen | |
| Three-Year Graduation Rates for Transfer Students | |
| Average Student Loan Debt Per Graduating Senior | Under review |
| Human Resources: Career Advancement | |
| Human Resources: Work-Life Balance | |
| Undergraduate Student Participation in Hokie Mentorship Connect | Recently updated |
| Students in Living Learning Programs | |

| <i>Strategic Priority 4: Ensure Institutional Excellence</i> | <i>Progress</i> |
|---|-----------------|
| College and Unit-Level Strategic Plans | |
| Auxiliary Maintenance Reserve Funding | |
| Debt Rating – Moody’s and Standard & Poor’s (S&P) | |
| University Debt Ratio | |
| University Unrestricted Net Assets | |
| SWaM Expenditures – Small Business or Woman Owned or Minority Owned | |
| Endowment | |
| Alumni Giving | |
| New Gifts and Commitments | |

Live walk-through of the
Strategic Planning Dashboard:

<https://udc.aie.vt.edu/spm>