

Review and Approval of Revisions to the 2018-2024 Six-Year Plan
FINANCE AND RESOURCE MANAGEMENT COMMITTEE
September 21, 2018

Summary

The university received instructions for developing revisions to the 2018-2024 Six-Year plan on June 8, 2018. An initial submission of the plan was submitted to the state on July 12, 2018. The university received feedback from the state on August 31, 2018 and submitted its response on October 1, 2018. This report will allow the Board to evaluate the key assumptions of the plan before the final submission.

Background

The Higher Education Opportunity Act of 2011 codified a set of goals and objectives for higher education in Virginia, and outlined an annual planning process. This process requires submission of academic, financial, and enrollment plans for the future three biennia or six years. The focus of the plan, submitted each odd-year, is the first biennium of the planning period. Even-year submissions may revise these plans as necessary. The Six-Year plan submission begins a discussion with the commonwealth about the university's planned progress towards the goals of the state's Virginia Plan for Higher Education, and how the university can partner with the state to advance shared outcomes. Separate plans are submitted for both the University Division (Agency 208) and the Cooperative Extension & Agricultural Experiment Station Division (Agency 229). This process is also an important step in positioning the university to seek state support during the Executive Budget development process each fall.

Planning Assumptions

Academic and Support Service Strategies

The primary goals of the Six-Year plan are to:

- a) Summarize major strategies that impact academic, student support, research, and operations areas,
- b) Project financial resources needed to support these initiatives in the first biennium, including non-binding placeholders of tuition rates and student financial assistance,
- c) Provide an enrollment projection to assist the State Council on Higher Education for Virginia (SCHEV) in its planning and reporting responsibilities.

The university develops the academic initiatives in a manner consistent with the university's long-range plan. A summary of the strategies envisioned in the plans for the University division and the Cooperative Extension and Agricultural Experiment Station division is provided below. The second year of the plan is cumulative (includes costs of the first year of the plan).

University Division

Academic Initiatives	\$s in Millions			
	Original (2017)		Revised (2018)	
	2018-19	2019-20	2018-19	2019-20
Increase Access for Virginia Undergraduates and Support the Production of STEM-H Degrees in the Commonwealth	\$ 8.3	\$ 11.0	\$ 8.3	\$ 11.4
Develop Destination Areas of Market-Centered Instruction and Research Clusters	3.6	7.3	2.0	5.7
Advance Strategic Research Opportunities and Enhance Entrepreneurial and Innovation Ecosystem	5.0	10.0	-	5.0
Establish a Learning Systems Innovation and Effectiveness Initiative	0.5	1.0	0.5	0.9
Ensure Access for Low and Middle-Income Families	2.0	4.1	2.1	4.1
Expand Access to a Virginia Tech Education Through Development of Pathway Opportunities for Underserved Virginia Residents	1.1	1.1	0.5	1.0
Enhance Degree Completion and Instructional Sharing with Other Institutions	0.6	0.7	0.3	0.5
Support Faculty Startup Packages	2.0	4.0	0.7	2.2
Increase Support for Unique Military Activities	0.5	0.5	-	0.2
Increase Graduate Enrollment in Strategic Areas	2.9	3.3	1.0	1.1
Integrate Virginia Tech-Carilion School of Medicine as Ninth College of Virginia Tech	14.1	14.3	14.4	14.5
Advance Institutional Efficiencies and Effectiveness	1.5	2.5	1.3	2.4
Subtotal Academic Initiatives	\$ 42.1	\$ 59.8	\$ 31.1	\$ 49.0

Financial and Operating Initiatives	\$s in Millions			
	Original (2017)		Revised (2018)	
	2018-19	2019-20	2018-19	2019-20
Increase Faculty Salaries	\$ 4.6	\$ 13.3	\$ 7.5	\$ 21.3
Increase Staff Salaries	0.5	1.5	1.2	4.8
Library Inflation	0.3	0.5	0.3	0.5
Fixed Cost Increases	0.9	1.7	0.6	1.2
Operations & Maintenance for New Facilities	0.8	2.4	0.3	1.0
Fringe/Health Insurance Increases	3.4	5.7	3.8	9.5
Additional Financial Aid for In-state Students	0.2	0.3	0.6	0.8
Annualization of Prior Year Costs	0.8	0.8	0.8	0.8
Subtotal Financial and Operating Initiatives	\$ 11.5	\$ 26.2	\$ 15.1	\$ 39.9

University Division Summary	Original (2017)		Revised (2018)	
	2018-19	2019-20	2018-19	2019-20
Academic Initiatives	\$ 42.1	\$ 59.8	\$ 31.1	\$ 49.0
Financial/Operating	11.5	26.2	15.1	39.9
Total	\$ 53.6	\$ 86.0	\$ 46.2	\$ 88.9

Cooperative Extension and Agricultural Experiment Station Division (CE/AES)

Academic Initiatives	\$s in Millions			
	Original (2017)		Revised (2018)	
	2018-19	2019-20	2018-19	2019-20
Advance Virginia Agriculture and Natural Resources Initiative to Grow the Future of the Commonwealth's Economy with Public-Private Partnerships	\$ 2.5	\$ 5.0	-	\$ 2.5
Improve Compensation Levels for Extension Agents to Reduce Turnover and Enhance Service Levels to Commonwealth	0.8	1.7	-	1.1
Subtotal Academic Initiatives	\$ 3.3	\$ 6.7	-	\$ 3.6

Financial and Operating Initiatives	Original (2017)		Revised (2018)	
	2018-19	2019-20	2018-19	2019-20
Increase Faculty and Staff Salaries	\$ 0.1	\$ 0.1	\$ 1.2	\$ 3.6
Operations & Maintenance for New Facilities	0.8	1.3	0.5	0.5
Utility Cost Increases	0.6	1.1	0.1	0.2
Fringe/Health Insurance Increases	-	0.1	0.6	1.8
State Initiative: Soil Scientist Assistance Program	-	-	0.2	0.2
Subtotal Financial and Operating Initiatives	\$ 1.5	\$ 2.6	2.6	6.3

CE/AES Division Summary	Original (2017)		Revised (2018)	
	2018-19	2019-20	2018-19	2019-20
Academic Initiatives	\$ 3.3	\$ 6.7	\$ 0.0	\$ 3.6
Financial/Operating	1.5	2.6	2.6	6.3
Total	\$ 4.8	\$ 9.3	\$ 2.6	\$ 9.9

Compensation

Faculty

A strategic goal of the university is to recruit and retain world-class faculty by ensuring faculty salary competitiveness with peer institutions. The state approved a 2.0 percent faculty salary increase for 2019-20, which is below the 2.8 percent increase of peer salary averages projected by SCHEV. The state maintains a codified goal of the 60th percentile of peer salary averages, and the university continues to plan progress towards this goal over a multi-year period. Based upon this long-range goal, and utilizing SCHEV's projected peer increase of 2.8 percent per year, the university projects a needed faculty salary increase of 4.5 percent in 2018-19 and 2019-20. The university's Six-Year plan includes the nongeneral fund share of the targeted 4.5 percent, plus the state's General Fund share of the statewide 2.0 percent merit-based increase for 2018-19. Through both state and university resources, the university envisions a 3.6 percent merit-based salary increase for 2019-20.

Staff

The state also approved a 2.0 percent staff salary increase in 2019-20, and an additional 2.0 merit-based increase for Classified Staff only (for a total of 4 percent). For planning purposes, the staff compensation process envisions a 3.0 percent increase for University Staff and a 4.0 percent salary increase for Classified Staff for 2019-20.

Access and Affordability

Included in the Academic initiatives above, the university's student financial aid goals include maintaining and expanding existing need-based scholarships for undergraduates. The university envisions continued enhancements to the Funds for the Future program, which provides relief from tuition increase for students from low and middle-income families and helps students and parents plan for the costs of education over multiple years. The VT Grant initiative cohort is growing to include additional first-generation undergraduate Virginia students. Additionally, the university will seek to further reduce the net price for Virginia residents from low to middle-income families.

Enrollment

The university submitted its six-year enrollment plan to SCHEV, known as the 2B, in the spring of 2017. The 2B is the basis for the enrollment figures included in the Six-Year Plan. The university is currently undergoing a multi-year growth strategy, which will include growth in both undergraduate and graduate students. Success in achieving the annual growth targets will inform future enrollment decisions, and may require adjustments to out-year enrollment assumptions. State support will be important for growth in Virginia undergraduates.

Funding and Cost Containment

The commonwealth's process discourages initiatives funded solely through incremental General Fund support, except in limited initiatives such as research or public service. This process is designed to focus on goals, costs, and nongeneral fund resources so that General Fund support may be determined later through the state budget process. However, the university assumes the traditional state share of costs consistent with long-

standing and codified funding principles. The university is planning for the nongeneral fund share of these costs in accordance with state policies, as summarized in the table below:

<i>Fund Split Methodology</i>	State Share (GF)	University Share (NGF)
University Division E&G	38%	62%
Cooperative Extension E&G	95%	5%
Research	100%	0%
Public Service	100%	0%
Unique Military Activities	100%	0%
Targeted Student Financial Aid	0%	100%

In addition to the deployment of incremental revenue, the university also seeks to implement efficiencies that allow the repurposing of resources. To ensure sensitivity to overall cost, the university projects some reallocation of existing resources to help advance top priorities while mitigating the pressure on tuition.

Tuition and E&G Fee Revenue

A key part of the Six-Year plan submission is a discussion with the commonwealth regarding resources for the university's instructional division. The initiatives envisioned in the plan include both state General Fund support and nongeneral fund self-generated revenue. Traditionally, Virginia Tech's plan is not balanced; the university cannot generate adequate resources to fund all of the included initiatives through self-generated revenue alone. To balance the plan, the university has assumed a state partnership to fund a portion of the expenses included, utilizing traditional fund split methodologies. The university's share of the revenue is based upon tuition and other E&G revenue placeholders.

It is important to recognize that the university is not recommending nor committing to a specific set of tuition rates through the Six-Year plan submission. Establishment of tuition and fee rates for future years remains under the purview of the Board of Visitors, and will be informed through an annual discussion of needs, the state budget process (which has not yet begun), and market capacity. However, the state's planning process and template require a placeholder for future tuition and fee rates.

Placeholder tuition and fee rates and revenue are outlined as part of the iterative planning process established by the Higher Education Opportunity Act of 2011. These placeholders are expected to provide a basis for discussion of potential investments and costs/fund split between institutions and the state. The plan reflects the already approved 2018-19 tuition and fee rates. While increases in tuition and mandatory fees for 2019-20 and beyond have not yet been set by the Board of Visitors, the university currently envisions the use of the following placeholders for the state's six-year planning purposes.

Planning Placeholders	2018-19		2019-20	
	<i>Resident</i>	<i>Nonresident</i>	<i>Resident</i>	<i>Nonresident</i>
Undergraduate	2.9%	2.9%	2.9%	2.9%
Graduate	2.9%	2.9%	2.9%	2.9%
Veterinary Medicine	2.0%	2.0%	2.5%	2.5%
Medical Students	N/A	N/A	2.5%	2.5%

Next Steps

The university submitted the Six-Year plan to the Commonwealth on July 12, 2018. The submission began an iterative review process that culminated with a state review and response from the university. The Six-Year plan will now serve as a guide for the university's budget submissions for the Executive budget development process in the fall of 2018.

RECOMMENDATION:

That the Board of Visitors approve the revisions to the 2018-2024 Six-Year plan.

November 5, 2018

Instructions: In the column entitled "Academic and Support Service Strategies for Six-Year Period (2018-2024)," please provide titles to identify strategies (for the three biennia of this six-year period) associated with goals in the Virginia Plan. *Please use this title to identify a more detailed description of the strategy in the separate Word document (Part II - Narrative)* .

Priority Ranking	ACADEMIC AND SUPPORT SERVICE STRATEGIES FOR SIX-YEAR PERIOD (2016-2022)													
	Biennium 2018-2020 (7/1/18-6/30/20)						Biennium 2020-2022 (7/1/20-6/30/22)						Biennium 2022-2024 (7/1/22-6/30/24)	
	Strategies (Short Title)	VP Goal	Cost: Incremental, Savings, Reallocation								Strategies	Strategies		
			2018-2019		2019-2020		2018-2019 (revised)		2019-2020 (revised)					
Total Amount			Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue					
3	Increase Access for Virginia Undergraduates and Support the Production of STEM-H Degrees in the Commonwealth.	1,2	Incremental:	\$8,251,000	\$5,784,333	\$10,970,500	\$6,037,167	\$8,327,689	\$7,977,689	\$11,402,757	\$5,836,877	Support continuing demand from Virginia residents for a Virginia Tech education in strategic areas including STEM-H degree production as financial support and instructional/residential space permit. Utilizes cost of education and 2B enrollment projections. Initiative includes new GF provided in Chapter 2.	Support continuing demand from Virginia residents for a Virginia Tech education in strategic areas including STEM-H degree production as financial support and instructional/residential space permit. Utilizes cost of education and 2B enrollment projections.	
			Savings:	\$0	\$0	\$0	\$0							
			Reallocation:	\$0	\$0	\$0	\$0	\$350,000		\$350,000				
4	Develop "Destination Areas": Invest in Strategic Market-Centered Instruction and Research Clusters including Adaptive Brain and Behavior, Data Analytics and Decision Sciences, Global Systems Science, Integrated Security, and Intelligent Infrastructure for Human-Centered Communities.	3,4	Incremental:	\$3,633,952	\$2,180,371	\$7,351,975	\$3,411,185	\$2,035,014	\$1,435,014	\$5,743,137	\$2,960,745	Invest in world-leading instruction and research clusters that are focused on addressing complex (regional, national and global) problems that intersect with Virginia Tech's core strengths, while engaging industry, supporting faculty, and preparing our students to be the next generation of leaders and doers. This is the core of our effort to transform Virginia Tech into a contemporary land-grant university. Without incremental GF support, the university will advance this initiative to the extent possible with NGF.	Invest in world-leading instruction and research clusters that are focused on addressing complex (regional, national and global) problems that intersect with Virginia Tech's core strengths, while engaging industry, supporting faculty, and preparing our students to be the next generation of leaders and doers. This is the core of our effort to transform Virginia Tech into a contemporary land-grant university.	
			Savings:	\$0	\$0	\$0	\$0							
			Reallocation:	\$0	\$0	\$1,000,000	\$0	\$600,000		\$600,000				
6	Establish a Learning Systems Innovation and Effectiveness Initiative <i>(Traditional Fund Split: 40% GF, NGF will support portion of progress.)</i>	2	Incremental:	\$500,000	\$300,000	\$1,000,000	\$600,000	\$465,518	\$465,518	\$931,036	\$577,242	Continue to develop and implement an outcomes-based approach to shaping the university's educational programs to meet the needs of the commonwealth's employers. Without incremental GF support, the university will advance this initiative to the extent possible with NGF.	Continue to develop and implement an outcomes-based approach to shaping the university's educational programs to meet the needs of the commonwealth's employers.	
			Savings:	\$0	\$0	\$0	\$0							
			Reallocation:	\$0	\$0	\$0	\$0							
7	Ensure Access for Low and Middle-Income Families by Continuing to Expand Need-Based Financial Aid to Undergraduate Students <i>(Unfunded Scholarships and State GF support)</i>	1	Incremental:	\$2,060,694	\$2,060,694	\$4,121,388	\$4,121,388	\$2,141,142	\$1,835,955	\$4,223,208	\$3,211,713	Continue to protect low and middle income students from tuition increases, and work to address aggregate unmet need of undergraduate students. Ensure competitive net cost for low- and middle-income Virginia students to enhance affordability. Initiative includes new GF provided in Chapter 2.	Continue to protect low and middle income students from tuition increases, and work to address aggregate unmet need of undergraduate students. Ensure competitive net cost for low- and middle-income Virginia students to enhance affordability.	
			Savings:	\$0	\$0	\$0	\$0							
			Reallocation:	\$0	\$0	\$0	\$0							
8	Expand Access to a Virginia Tech Education Through Development of Pathway Opportunities for Underserved Virginia Residents <i>(Traditional Fund Split: 40% GF, NGF will support portion of progress.)</i>	1,3,4	Incremental:	\$1,066,250	\$639,750	\$1,066,250	\$639,750	\$500,000	\$500,000	\$1,012,888	\$817,991	Enhance the university's pathways to success and accommodate a diversifying class of students while working towards reduced time-to-degree through unique non-traditional educational opportunities. Continue to work to identify opportunities to collaborate with other institutions in the Commonwealth. Without incremental GF support, the university will advance this initiative to the extent possible with NGF.	Enhance the university's pathways to success and accommodate a diversifying class of students while working towards reduced time-to-degree through unique non-traditional educational opportunities. Continue to work to identify opportunities to collaborate with other institutions in the Commonwealth.	
			Savings:	\$0	\$0	\$0	\$0							
			Reallocation:	\$0	\$0	\$0	\$0							
9	Enhance Degree Completion and Instructional Sharing with Other Institutions <i>(Traditional Fund Split: 40% GF, NGF will support portion of progress.)</i>	2	Incremental:	\$611,732	\$367,039	\$747,584	\$448,550	\$274,423	\$274,423	\$548,846	\$548,846	Expand opportunities to share resources, build pathways, and establish partnership with high schools and institutions across the commonwealth to provide access to a Virginia Tech education, primarily in the area of Cybersecurity.	Expand opportunities to share resources, build pathways, and establish partnership with high schools and institutions across the commonwealth to provide access to a Virginia Tech education.	
			Savings:	\$0	\$0	\$0	\$0							
			Reallocation:	\$0	\$0	\$0	\$0							
10	Support Faculty Startup Packages, Particularly for New Faculty in the STEM-H fields, Including Equipment and Lab Renovation <i>(Traditional Fund Split: 40% GF, NGF will support portion of progress.)</i>	3	Incremental:	\$2,000,000	\$1,200,000	\$4,000,000	\$1,400,000	\$736,486	\$736,486	\$2,159,742	\$1,759,742	As STEM-H areas grow and degree offerings increase, faculty startup that allows the university to be successful in the competitive recruitment market will help ensure that students have access to the best and brightest faculty the discipline has to offer. Initiative utilizes reallocations and will be advanced to the extent possible with NGF alone.	As STEM-H areas grow and degree offerings increase, faculty startup that allows the university to be successful in the competitive recruitment market will help ensure that students have access to the best and brightest faculty the discipline has to offer.	
			Savings:	\$0	\$0	\$0	\$0							
			Reallocation:	\$0	\$0	\$1,000,000	\$0			\$400,000				
12	Increase Graduate Enrollment in Strategic Areas <i>(100% NGF)</i>	2	Incremental:	\$2,953,065	\$2,953,065	\$3,284,916	\$3,284,916	\$934,953	\$934,953	\$1,040,018	\$1,040,018	The university will continue to advance graduate education as a source of innovation and entrepreneurship that leads to higher paying, high-value jobs that are vital for the continued success of the Virginia economy in the global marketplace.	The university will continue to advance graduate education as a source of innovation and entrepreneurship that leads to higher paying, high-value jobs that are vital for the continued success of the Virginia economy in the global marketplace.	
			Savings:	\$0	\$0	\$0	\$0							
			Reallocation:	\$0	\$0	\$0	\$0							
13	Integrate Virginia Tech Carilion School of Medicine (VTCOSOM) into the University as the Ninth College <i>(100% NGF. Funded through tuition and other NGF support; no GF request). See Footnote 5)</i>	2,4	Incremental:	\$14,103,053	\$14,103,053	\$14,261,637	\$14,261,637	\$14,409,428	\$14,409,428	\$14,467,920	\$14,467,920	Continue to seek opportunities to collaborate and integrate operations of medical school with other university programs.	Continue to seek opportunities to collaborate and integrate operations of medical school with other university programs.	
			Savings:	\$0	\$0	\$0	\$0							
			Reallocation:	\$0	\$0	\$0	\$0							
14	Advance Institutional Efficiencies and Effectiveness, and Support Cost Containment Efforts <i>(100% NGF)</i>	3	Incremental:	\$1,500,000	\$1,500,000	\$2,500,000	\$2,000,000	\$1,352,751	\$852,751	\$2,352,751	\$1,852,751	The university will continually seek opportunities to employ more efficient and effective business practices that contain costs and ensure the effectiveness of the university's efforts.	The university will continually seek opportunities to employ more efficient and effective business practices that contain costs and ensure the effectiveness of the university's efforts.	
			Savings:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
			Reallocation:	\$0	\$0	\$500,000	\$0	\$500,000	\$0	\$500,000	\$0			
15	Reallocation of Existing Resources to Support University Priorities <i>(100% NGF)</i>	3	Incremental:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	To the extent possible, the university will reallocate existing resources to support strategic university priorities including academic advancements, support for faculty startup packages, and enhancing faculty compensation.	To the extent possible, the university will reallocate existing resources to support strategic university priorities including academic advancements, support for faculty startup packages, and enhancing faculty compensation.	
			Savings:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
			Reallocation:	\$700,000	\$0	\$1,400,000	\$0	\$1,190,521	\$0	\$3,093,021	\$0			
5	Advance Strategic Research Opportunities and Enhance Entrepreneurial and Innovation Ecosystem <i>(100% General Fund Request)</i>	3,4	Incremental:	\$5,000,000	\$0	\$10,000,000	\$0	\$0	\$0	\$5,000,000	\$0	\$5 million of General Fund support in 2018-19 will allow the university to support infrastructure and faculty additions that enhance the university's competitive position for securing new external research investment. State investment into emerging research opportunities will result in significant advances in knowledge and contribute to the economic development of the Commonwealth.	\$10 million of General Fund support in 2019-20 will allow the university to support infrastructure and faculty additions that enhance the university's competitive position for securing new external research investment. State investment into emerging research opportunities will result in significant advances in knowledge and contribute to the economic development of the Commonwealth.	
			Savings:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
			Reallocation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			

Instructions: In the column entitled "Academic and Support Service Strategies for Six-Year Period (2018-2024)," please provide titles to identify strategies (for the three biennia of this six-year period) associated with goals in the Virginia Plan. *Please use this title to identify a more detailed description of the strategy in the separate Word document (Part II - Narrative)* .

Priority Ranking	ACADEMIC AND SUPPORT SERVICE STRATEGIES FOR SIX-YEAR PERIOD (2016-2022)											Strategies	Strategies	
	Biennium 2018-2020 (7/1/18-6/30/20)					Biennium 2020-2022 (7/1/20-6/30/22)					Biennium 2022-2024 (7/1/22-6/30/24)			
	Strategies (Short Title)	VP Goal	Cost: Incremental, Savings, Reallocation											
			2018-2019		2019-2020		2018-2019 (revised)		2019-2020 (revised)					
Total Amount			Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue					
11	Increase Support for Unique Military Activities <i>(100% General Fund Request)</i>	2,4	Incremental:	\$451,082	\$0	\$451,082	\$0	\$0	\$0	\$173,215	\$0	Virginia Tech's development of the Commonwealth's next generation of great leaders and citizens is reliant upon adequate support of the Unique Military Activities program. General Fund support will provide equitable funding to Virginia Tech's program, supporting adequate staffing and operational needs for delivering civilian and military leadership programs.	Virginia Tech's development of the Commonwealth's next generation of great leaders and citizens is reliant upon adequate support of the Unique Military Activities program. General Fund support will provide equitable funding to Virginia Tech's program, supporting adequate staffing and operational needs for delivering civilian and military leadership programs.	
			Savings:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
			Reallocation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
			Total 2018-2020 Costs											
	Incremental (Included in Financial Plan line 61)		\$42,130,828	\$31,088,306	\$59,755,332	\$36,204,593	\$31,177,404	\$29,422,217	\$49,055,518	\$33,073,845				
	Savings		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
	Reallocation		\$700,000	\$0	\$3,900,000	\$0	\$2,640,521	\$0	\$4,943,021	\$0				

Six-Year Plans - Part I (2018): 2018-20 through 2022-24

Virginia Tech

ACADEMIC AND FINANCIAL PLAN

Instructions: In the column entitled "Academic and Support Service Strategies for Six-Year Period (2018-2024)," please provide titles to identify strategies (for the three biennia of this six-year period) associated with goals in the Virginia Plan. Please use this title to identify a more detailed description of the strategy in the separate Word document (Part II - Narrative) .

Priority Ranking	ACADEMIC AND SUPPORT SERVICE STRATEGIES FOR SIX-YEAR PERIOD (2016-2022)										Strategies	Strategies
	Biennium 2018-2020 (7/1/18-6/30/20)					Biennium 2020-2022 (7/1/20-6/30/22)						
	Strategies (Short Title)	VP Goal	Cost: Incremental, Savings, Reallocation									
			2018-2019		2019-2020		2018-2019 (revised)		2019-2020 (revised)			
Total Amount			Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue			
	Additional NGF University Staff Salary Increase Rate (put additional NGF salary increase rate in both tuition and total columns)		0.0%	0.0%	0.0%	0.0%	2.0%	2.0%	1.0%	1.0%		
	Increase Number of Full-Time T&R Faculty ⁴ (\$) (Traditional Fund Split, 60% NGF)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	Increase Number of Full-Time T&R Faculty ⁴ (FTE)		0	0	0	0	0	0	0	0		
	Increase Number of Full-Time Admin. Faculty ⁴ (\$))		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	Increase Number of Full-Time Admin. Faculty ⁴ (FTE)		0	0	0	0	0	0	0	0		
	Increase Number of Part-Time Faculty ⁴ (\$))		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	Increase Number of Part-Time Faculty ⁴ (FTE)		0	0	0	0	0	0	0	0		
	Increase Number of Classified Staff ⁴ (\$))		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	Increase Number of Classified Staff ⁴ (FTE)		0	0	0	0	0	0	0	0		
	Increase Number of University Staff ⁴ (\$))		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	Increase Number of University Staff ⁴ (FTE)		0	0	0	0	0	0	0	0		
16	Library Enhancement ⁴ (\$) (Inflation)		\$250,000	\$250,000	\$500,000	\$500,000	\$268,680	\$268,680	\$537,360	\$537,360		
	Library Enhancement ⁴ (FTE)		0	0	0	0	0	0	0	0		
	Technology Enhancement ⁴ (\$))		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	Technology Enhancement ⁴ (FTE)		0	0	0	0	0	0	0	0		
18	O&M for New Facilities ⁴ (\$))		\$846,484	\$846,484	\$2,422,896	\$2,422,896	\$238,533	\$238,533	\$1,032,363	\$640,065		
	O&M for New Facilities ⁴ (FTE)		0	0	0	0	0	0	0	0		
17	Fixed Cost Increases		\$850,000	\$850,000	\$1,700,000	\$1,700,000	\$593,280	\$593,280	\$1,186,560	\$1,186,560		
	NGF share of state authorized salary increase/bonus		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
A19	Fringe/health insurance benefits increase		\$0	\$0	\$0	\$0	\$3,755,248	\$2,328,254	\$9,388,120	\$5,820,634	Utilizing approved 2018-20 fringe assumptions in Chapter 2.	Utilizing approved 2018-20 fringe assumptions in Chapter 2.
A20	VRS increase		\$0	\$0	\$0	\$0	\$80,038	\$49,624	\$83,525	\$51,785	Utilizing approved 2018-20 fringe assumptions in Chapter 2.	Utilizing approved 2018-20 fringe assumptions in Chapter 2.
21	Annualization of 2017-18 Salary Increase		\$824,692	\$494,815	\$824,692	\$494,815	\$829,225	\$499,348	\$829,225	\$499,348		
8	Additional In-State Student Financial Aid From Tuition Revenue		\$175,000	\$175,000	\$275,000	\$275,000	\$522,475	\$522,475	\$772,475	\$772,475		
	Others (Specify, insert lines below)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
D	Unavoidable Cost Increase Placeholder		\$3,399,701	\$3,399,701	\$5,694,499	\$5,694,499	\$0	\$0	\$0	\$0		
	Safety and Security Enhancement		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	Total Additional Funding Need		\$53,609,748	\$42,237,349	\$85,981,939	\$62,101,323	\$46,187,158	\$42,644,686	\$88,877,683	\$64,573,800		

Notes:

- (1) Please ensure that these items are not double counted if they are already included in the incremental cost of the academic plan.
- (2) If planned, enter the cost of any institution-wide increase.
- (3) Enter planned annual faculty salary increase rate. Any salary increase entered here will be counted when calculating the gap to reach the 60th percentile in the future.
- (4) Enter number of FTE change over the FY2018 level in appropriate columns.
- (5) Nongeneral Funds for this initiative include tuition, self-generated revenue, and private support.

Six-Year Plans - Part I (2018): 2018-20 through 2022-24
Virginia Tech

Six-Year Financial Plan for Tuition and Fee Increases and Nongeneral Fund Revenue Estimates

Items	Revised																	
	2016-2017 (Estimated)		2017-2018 (Estimated)			2018-2019 (Planned)			2019-2020 (Planned)			2017-18 (Est.)	2018-2019 (Estimated)			Attachment 20 (Planned)		
	Student Charge	Total Revenue	Student Charge	Rate Increase	Total Revenue	Student Charge	Rate Increase	Total Revenue	Student Charge	Rate Increase	Total Revenue	Total Revenue	Student Charge	Rate Increase	Total Revenue	Student Charge	Rate Increase	Total Revenue
E&G Programs																		
Undergraduate, In-State	\$10,941	\$195,985,233	\$11,263	2.9%	\$205,104,260	\$11,590	2.9%	\$215,388,090	\$11,926	2.9%	\$223,203,357	\$206,669,016	\$11,595	2.9%	\$216,260,033	\$11,937	2.9%	\$224,206,053
Undergraduate, Out-of-State	\$28,064	\$191,111,702	\$29,047	3.5%	\$208,167,661	\$29,889	2.9%	\$224,789,599	\$30,756	2.9%	\$233,626,548	\$220,428,558	\$29,883	2.9%	\$225,558,459	\$30,761	2.9%	\$234,519,657
Graduate, In-State	\$12,621	\$18,632,110	\$13,105	3.8%	\$20,666,961	\$13,485	2.9%	\$21,941,709	\$13,876	2.9%	\$23,223,369	\$18,972,807	\$13,485	2.9%	\$20,405,868	\$13,876	2.9%	\$21,595,353
Graduate, Out-of-State	\$25,853	\$34,637,827	\$26,843	3.8%	\$36,564,805	\$27,621	2.9%	\$38,974,465	\$28,422	2.9%	\$41,389,240	\$34,502,966	\$27,604	2.8%	\$36,894,734	\$28,405	2.9%	\$39,144,963
Law, In-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	\$0	%	\$0	\$0	%	\$0
Law, Out-of-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	\$0	%	\$0	\$0	%	\$0
Medicine, In-State	\$0	\$0	\$0	%	\$0	\$52,268	N/A	\$2,863,329	\$54,097	3.5%	\$2,917,953	\$0	\$51,993	N/A	\$3,379,545	\$53,293	2.5%	\$3,410,741
Medicine, Out-of-State	\$0	\$0	\$0	%	\$0	\$52,268	N/A	\$4,537,276	\$54,097	3.5%	\$4,604,894	\$0	\$51,993	N/A	\$5,355,279	\$53,293	2.5%	\$5,382,575
Dentistry, In-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	\$0	%	\$0	\$0	%	\$0
Dentistry, Out-of-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	\$0	%	\$0	\$0	%	\$0
PharmD, In-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	\$0	%	\$0	\$0	%	\$0
PharmD, Out-of-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	\$0	%	\$0	\$0	%	\$0
Veterinary Medicine, In-State	\$21,706	\$6,667,886	\$22,230	2.4%	\$6,738,265	\$22,675	2.0%	\$6,873,030	\$23,128	2.0%	\$7,010,491	\$7,070,260	\$22,747	2.3%	\$6,931,571	\$23,316	2.5%	\$7,104,861
Veterinary Medicine, Out-of-State	\$48,842	\$7,659,198	\$50,029	2.4%	\$7,719,715	\$51,030	2.0%	\$7,874,110	\$52,050	2.0%	\$8,031,592	\$7,900,700	\$51,280	2.5%	\$7,941,058	\$52,562	2.5%	\$8,139,584
Other NFG		\$68,496,379			\$67,185,878			\$73,888,326			\$73,888,326	\$65,949,254			\$77,504,363			\$78,661,192
Total E&G Revenue - Gross		\$523,190,335			\$552,147,544			\$597,129,934			\$617,895,770	\$561,493,560			\$600,230,911			\$622,164,979
Total E&G Revenue - Net of Financial Aid		\$521,809,731			\$547,379,544			\$588,861,934			\$607,627,770	\$557,014,176			\$591,909,886			\$611,617,487
E&G Revenue Used for Faculty Salary Increases		\$6,467,685			\$6,899,597			\$4,609,701			\$13,304,307	\$4,434,017			\$5,561,751			\$4,739,812
Average T&R Faculty Salary Increase Rate		2.00%			2.00%			4.00%			4.00%	2.0%		0.0%				2.0%
Auxiliary Program																		
Mandatory Non-E&G Fees																		
Undergraduate	\$1,911		\$1,967	2.9%		\$2,024	2.9%		\$2,083	2.9%			\$2,025	2.9%		\$2,084	2.9%	
Graduate	\$1,911		\$1,967	2.9%		\$2,024	2.9%		\$2,083	2.9%			\$2,025	2.9%		\$2,084	2.9%	
Law	\$0		\$0	%		\$0	%		\$0	%				%			%	
Medicine	\$0		\$0	%		\$0	%		\$0	%		\$752	N/A		\$774	2.9%		
Dentistry	\$0		\$0	%		\$0	%		\$0	%				%			%	
PharmD	\$0		\$0	%		\$0	%		\$0	%				%			%	
Veterinary Medicine	\$1,911		\$1,967	2.9%		\$2,024	2.9%		\$2,083	2.9%			\$2,025	2.9%		\$2,084	2.9%	
Total Auxiliary Revenue (ALL including room and board)		\$325,648,508			\$333,952,282			\$345,334,979			\$356,475,967	\$341,905,890			\$349,345,926			\$361,281,034
Total Tuition and Fees																		
Undergraduate, In-State	\$12,852		\$13,230	2.9%		\$13,614	2.9%		\$14,009	2.9%			\$13,620	2.9%		\$14,021	2.9%	
Undergraduate, Out-of-State	\$29,975		\$31,014	3.5%		\$31,913	2.9%		\$32,839	2.9%			\$31,908	2.9%		\$32,845	2.9%	
Graduate, In-State	\$14,532		\$15,072	3.7%		\$15,509	2.9%		\$15,959	2.9%			\$15,510	2.9%		\$15,960	2.9%	
Graduate, Out-of-State	\$27,764		\$28,810	3.8%		\$29,645	2.9%		\$30,505	2.9%			\$29,629	2.8%		\$30,489	2.9%	
Law, In-State	\$0		\$0	%		\$0	%		\$0	%			\$0	%		\$0	%	
Law, Out-of-State	\$0		\$0	%		\$0	%		\$0	%			\$0	%		\$0	%	
Medicine, In-State	\$0		\$0	%		\$52,268	%		\$54,097	3.5%			\$52,745	N/A		\$54,067	2.5%	
Medicine, Out-of-State	\$0		\$0	%		\$52,268	%		\$54,097	3.5%			\$52,745	N/A		\$54,067	2.5%	
Dentistry, In-State	\$0		\$0	%		\$0	%		\$0	%			\$0	%		\$0	%	
Dentistry, Out-of-State	\$0		\$0	%		\$0	%		\$0	%			\$0	%		\$0	%	
PharmD, In-State	\$0		\$0	%		\$0	%		\$0	%			\$0	%		\$0	%	
PharmD, Out-of-State	\$0		\$0	%		\$0	%		\$0	%			\$0	%		\$0	%	
Veterinary Medicine, In-State	\$23,617		\$24,197	2.5%		\$24,699	2.1%		\$25,211	2.1%			\$24,772	2.4%		\$25,400	2.5%	
Veterinary Medicine, Out-of-State	\$50,753		\$51,996	2.4%		\$53,054	2.0%		\$54,133	2.0%			\$53,305	2.5%		\$54,646	2.5%	
Student Financial Aid (Program 108)		\$1,380,604			\$4,768,000			\$8,268,000			\$10,268,000	\$4,479,384			\$8,321,025			\$10,547,492
Sponsored Programs (Program 110)		\$298,475,730			\$337,064,294			\$347,429,394			\$357,847,496	\$304,443,918			\$314,714,180			\$324,155,605
Unique Military Activities		\$0			\$0			\$0			\$0	\$0			\$0			\$0
Workforce Development		\$0			\$0			\$0			\$0	\$0			\$0			\$0
Other (Federal Work Study, Surplus)		\$0			\$0			\$0			\$0	\$0			\$0			\$0

Six-Year Plans - Part I (2018): 2018-20 through 2022-24

Virginia Tech

FINANCIAL AID PLAN

Note: If you do not have actual amounts for Tuition Revenue for Financial Aid by student category, please provide an estimate. If values are not distributed for Tuition Revenue for Financial Aid, a distribution may be calculated for your institution.

Allocation of Tuition Revenue Used for Student Financial Aid

*2016-17 (Actual) Please see footnote below

T&F Used for Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid
Undergraduate, In-State	\$195,985,233	\$111,724	0.1%	\$111,724
Undergraduate, Out-of-State	\$191,111,702	\$1,173,318	0.6%	\$1,173,318
Graduate, In-State	\$18,632,110	\$91,435	0.5%	\$91,435
Graduate, Out-of-State	\$34,637,827	\$4,127	0.0%	\$4,127
First Professional, In-State	\$6,667,886	\$0	%	\$0
First Professional, Out-of-State	\$7,659,198	\$0	%	\$0
Total	\$454,693,956	\$1,380,604	0.3%	\$1,380,604
Total from Finance-T&F worksheet	\$523,190,335	\$1,380,604	0.3%	
In-State Sub-Total	\$221,285,229	\$203,159	0.1%	\$203,159

Update 2016-17 Financial Aid if you have the actual data, and change the title from "Estimated" to "Actual".

2017-18 (Planned)

2017-18 (Estimated)

T&F Used for Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid
Undergraduate, In-State	\$205,104,260	\$457,500	0.2%	\$457,500	\$206,669,016	\$192,526	0.1%	\$192,526
Undergraduate, Out-of-State	\$208,167,661	\$4,280,500	2.1%	\$4,280,500	\$220,428,558	\$4,274,192	1.9%	\$4,274,192
Graduate, In-State	\$20,666,961	\$30,000	0.1%	\$30,000	\$18,972,807	\$9,667	0.1%	\$9,667
Graduate, Out-of-State	\$36,564,805	\$0	%	\$0	\$34,502,966	\$3,000	0.0%	\$3,000
First Professional, In-State	\$6,738,265	\$0	%	\$0	\$7,070,260	\$0	%	\$0
First Professional, Out-of-State	\$7,719,715	\$0	%	\$0	\$7,900,700	\$0	%	\$0
Total	\$484,961,666	\$4,768,000	1.0%	\$4,768,000	\$495,544,306	\$4,479,384	0.9%	\$4,479,384
Total from Finance-T&F worksheet	\$552,147,544	\$4,768,000	0.9%		\$561,493,560	\$4,479,384	0.8%	
In-State Sub-Total	\$232,509,485	\$487,500	0.2%	\$487,500	\$232,712,082	\$202,193	0.1%	\$202,193
Additional In-State	\$11,224,256	\$284,341	2.5%	\$284,341	\$11,426,853	-\$967	0.0%	-\$967

2018-19 (Planned)

2018-19 (Estimated)

T&F Used for Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid
Undergraduate, In-State	\$215,388,090	\$632,500	0.3%	\$632,500	\$216,260,033	\$715,000	0.3%	\$715,000
Undergraduate, Out-of-State	\$224,789,599	\$7,605,500	3.4%	\$7,605,500	\$225,558,459	\$6,258,825	2.8%	\$6,258,825
Graduate, In-State	\$21,941,709	\$30,000	0.1%	\$30,000	\$20,405,868	\$30,000	0.1%	\$30,000
Graduate, Out-of-State	\$38,974,465	\$0	%	\$0	\$36,894,734	\$0	%	\$0
First Professional, In-State	\$9,736,360	\$0	%	\$0	\$6,931,571	\$467,200	6.7%	\$467,200
First Professional, Out-of-State	\$12,411,385	\$0	%	\$0	\$7,941,058	\$850,000	10.7%	\$850,000
Total	\$523,241,608	\$8,268,000	1.6%	\$8,268,000	\$513,991,724	\$8,321,025	1.6%	\$8,321,025
Total from Finance-T&F worksheet	\$597,129,934	\$8,268,000	1.4%		\$600,230,911	\$8,321,025	1.4%	
In-State Sub-Total	\$247,066,158	\$662,500	0.3%	\$662,500	\$243,597,473	\$1,212,200	0.5%	\$1,212,200
Additional In-State	\$14,556,673	\$175,000	1.2%	\$175,000	\$10,885,390	\$1,010,008	9.3%	\$927,859
Additional In-State from Financial Plan		\$175,000	1.2%			\$522,475		

2019-20 (Planned)

2019-20 (Estimated)

T&F Used for Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid
Undergraduate, In-State	\$223,203,357	\$732,500	0.3%	\$732,500	\$224,206,053	\$965,000	0.4%	\$965,000
Undergraduate, Out-of-State	\$233,626,548	\$9,505,500	4.1%	\$9,505,500	\$234,519,657	\$8,235,292	3.5%	\$8,235,292
Graduate, In-State	\$23,223,369	\$30,000	0.1%	\$30,000	\$21,595,353	\$30,000	0.1%	\$30,000
Graduate, Out-of-State	\$41,389,240	\$0	%	\$0	\$39,144,963	\$0	%	\$0
First Professional, In-State	\$9,928,444	\$0	%	\$0	\$7,104,861	\$467,200	6.6%	\$467,200
First Professional, Out-of-State	\$12,636,486	\$0	%	\$0	\$8,139,584	\$850,000	10.4%	\$850,000
Total	\$544,007,444	\$10,268,000	1.9%	\$10,268,000	\$534,710,471	\$10,547,492	2.0%	\$10,547,492
Total from Finance-T&F worksheet	\$617,895,770	\$10,268,000	1.7%		\$622,164,979	\$10,547,492	1.7%	
In-State Sub-Total	\$256,355,170	\$762,500	0.3%	\$762,500	\$252,906,267	\$1,462,200	0.6%	\$1,462,200
Additional In-State	\$9,289,011	\$100,000	1.1%	\$100,000	\$9,308,794	\$250,000	2.7%	\$1,462,200
Additional In-State from Financial Plan		\$100,000	1.1%			\$772,475		

* Please note that the totals reported here will be compared with those reported by the financial aid office on the institution's annual S1/S2 report. Since the six-year plan is estimated and the S1/S2 is "actual," the numbers do not have to match perfectly but these totals should reconcile to within a reasonable tolerance level. Please be sure that all institutional offices reporting tuition/fee revenue used for aid have the same understanding of what is to be reported for this category of aid.

Note: Virginia Tech utilizes limited "T&F Used for Financial Aid" to fund targeted institutional initiatives. Most institutional student financial aid is provided through need-based unfunded scholarships.

Six-Year Plans - Part I (2018): FY2017-2018
Virginia Tech
ECONOMIC DEVELOPMENT: CONTRIBUTIONS (HB515)

Requirement: As per § 23.1-306 (A) of the Code of Virginia each such plan and amendment to or affirmation of such plan shall include a report of the institution's active contributions to efforts to stimulate the economic development of the Commonwealth, the area in which the institution is located, and, for those institutions subject to a management agreement set forth in Article 4 (§ 23.1-1004 et seq.) of Chapter 10, the areas that lag behind the Commonwealth in terms of income, employment, and other factors.

Special Notes: The reporting period is FY18. The metrics serve as a menu of items that institutions should respond to as applicable and when information is available to them. Leave fields blank, if information is unavailable. Please note the narrative question at the bottom of the page. The response should be provided in a separate WORD or PDF document, as an attachment, if the Part II (Narrative) is not being updated.

NOTE: Responses represent aggregate contributions of both Agency 208 and Agency 229.

Section A: Provide information for research and development (R&D) expenditures by source of fund with a breakdown by Science and Engineering (S&E) specific and non-S&E.

VA PLAN Strategy Reference	Section A: Research and Development (R&D) Expenditures by Source of Fund	*S&E	Non S&E	Total
4.3	Federal Government	\$ 181,379,000	\$ 4,675,000	\$ 186,054,000
	State and Local Government	54,368,000	1,403,000	55,771,000
	Institution Funds	220,903,000	4,913,000	225,816,000
	Business	40,421,000	50,000	40,471,000
	Nonprofit Organizations	7,215,000	37,000	7,252,000
	All Other Sources	7,054,000	7,000	7,061,000
	Total	\$ 511,340,000	\$ 11,085,000	\$ 522,425,000

*S&E - Science and Engineering

Section B: Provide number and dollar value of grants, contracts and sub-agreements by discipline. If your institution prefers to report by industry, please contact Jean Mottley (jeanmottley@schev.edu) to assist with changes.

VA PLAN Strategy Reference	Section B: Grants, Contracts and Sub-Agreements by Discipline	Funding Source						
	Discipline	Federal	State & Local	Business	Non-Profit	Institutional	Other	Total
	Computer & Information Sciences							\$ -
	Engineering							-
	Geosciences, Atmospheric and Ocean Science							-
	Life Sciences							-
	Mathematics & Statistics							-
	Physical Sciences							-
	Psychology							-
	Social Sciences							-
	Other Science							-
	Non-Science and Engineering (non-S&E)							-
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Section C: For the following items, provide responses in appropriate fields. Insert an X for yes/no responses. Use Number/Amount field for other information. A Comments field has been provided for any special information your institution may want to provide.

VA PLAN Strategy Reference	Section C: General Questions	Yes	No	Number/Amount	Comments
4.1	1. Does your institution offer an innovation/ entrepreneurship/career-themed student living-learning community?	X			see: https://www.apex.vt.edu/innovate-living-learning-community/
4.1	2. Does your institution offer startup incubation/accelerator programs? If yes, please comment if people/companies external to the institution can access them and, if so, how.		X		VT does not have an active incubation/accelerator program
4.2	3. Does your institution offer maker-space? If yes, please comment if people/companies external to the institution can access it and, if so, how.		X		VT does not offer maker space
4.2	4. Does your institution have an entrepreneurship center? If yes, please comment if people/companies external to the institution can access it and, if so, how.	X			see: www.apex.vt.edu
4.2	5. Does your institution have Entrepreneur Executive(s)-in-Residence?		X		VT does not have an EIR program
4.1	6. Number of students paid through externally funded research grants or contracts.			1144	
4.1	7. Number of entrepreneurship degrees/ courses/programs (credit and noncredit) offered?			1 major and 1 minor, multiple non-credit activities	See: www.apex.vt.edu
4.1	8. Number of academic units that have courses/programs requiring a capstone project, experiential learning activities, or internships.				Virginia Tech has many programs with these elements as both required and optional activities. A count of departments and programs is not readily available.
4.1	9. Does your institution's tenure policy support commercialization? If yes, please provide brief explanation in comments section.	X			Tenure requirements include citation of "Economic contributions and entrepreneurship", including start-up businesses, commercialization of discoveries, and other evidence of entrepreneurship.
4.2	10. Does your institution offer a seed fund that awards money to start-ups? If yes, please comment on whether it awards funding only to university-based start-ups or to the general public as well?		X		The VTC (Virginia Tech Carilion) Innovation Fund is a venture fund (not seed fund), supports university and Carilion start-ups (not general public). http://www.vtcinnovationfund.com/about/management/
4.2	11. Does your institution offer translational research and/or proof of concept funding? If yes, please provide dollar amount available in FY18 in the number/amount field.	X		~\$75,000	The Catalyst program, supported by a US EDA i6 grant, will run through the remainder of this fiscal year with about \$75,000 to spend
4.1	12. Does your institution offer continuing education programs to industry? If yes, please provide dollar value or headcount for such programs in the number/amount field.	X		#995 / \$750,010	See: Continuing Professional Education Center https://connect.cpe.vt.edu/

Section D: Provide information for research and commercialization grants by type, number, and dollar value with a breakdown by college and department. If additional rows are needed, please contact Jean Mottley (jeanmottley@schev.edu) to assist with changes.

VA PLAN Strategy Reference	Section D: Research and Commercialization Grants	No.	\$ Value	College	Department
4.3	SBIR - Small Business Innovation Research	5	\$86,021	College of Engineering	Aerospace and Ocean Engineering
			\$220,000	College of Engineering	Civil & Environmental Engineering
			\$190,000	College of Engineering	Mechanical Engineering
	STTR - Small Technology Transfer Research	2	\$49,981	College of Science	Physics
			\$207,102	College of Liberal Arts and Human Sciences	Center for Gerontology
			\$75,000	College of Engineering	Aerospace and Ocean Engineering
			\$81,456	College of Engineering	Civil & Environmental Engineering
	CRCF - Commonwealth Research Commercialization Fund	3	\$180,000	Executive VP & Provost	Center for the Arts at VT
			\$100,000	College of Engineering	Biomedical Engineering & Mechanics
			\$300,000	Vice President for Research	Institute for Critical Technology and Applied Science
*VBHRC - The Catalyst	2	\$97,415	Vice President for Research	VT Carilion Research Institute	
		\$400,000	College of Science	Chemistry	
Commonwealth Health Research Board	1	\$500,000	Vice President for Research	VT Carilion Research Institute	
VRIF - Virginia Research Investment Fund	2	\$99,995	College of Veterinary Medicine	Vet Med Research & Graduate Studies	
		\$483,547	College of Engineering	Biomedical Engineering & Mechanics	
			\$391,729	Vice President for Research	Hume Center

*University must pay to be a member and collaborate with at least one other member university

Section E: The Intellectual Property (IP) section captures information on disclosure, patent, and licensing activities. It is divided into two tables. Table 1 captures information regardless of source of funds or nature of entity to whom IP is transferred. Table 2 is required by § 23.1-102 subdivision 2 of the Code of Virginia. It details assignment of IP interests to persons or nongovernmental entities and the value of externally sponsored research funds received during the year from a person or nongovernmental entity by the institution, any foundation supporting the IP research performed by the institution, or any entity affiliated with the institution. Information is sought on research that yields IP regardless of the project's intent. Information is sought about IP transferred as a result of either basic or applied research. The table captures separate aggregate data on entities that have a principal place of business in Virginia and those with a principal place of business outside of Virginia.

VA PLAN Strategy Reference	Section E: Part 1 - All Patent Activity for FY 2017-18	No.
4.2	1. Number of Intellectual Property disclosures received	148
	2. Number of Provisional Patent Applications filed during the year	101
	3. Number of Patent Applications filed during the year (by type)	
	Design	0
	Plant	4
	Utility	50
	Total	54
	4. Total number of Patent Applications pending (by type)	
	Design	0
	Plant	4
	Utility	742
	Total	746
	5. Number of Patents awarded during the year (by type)	
Design	0	
Plant	1	
Utility	27	
Total	28	

VA PLAN Strategy Reference	Section E: Part 2 - Other Information	Principal Place of Business in VA	Principal Place of Business outside VA
4.2	1. Value of funds from persons or nongovernmental entities to support intellectual property research	\$15,184,254	\$49,628,479
	2. Number of patents awarded during the year (by type) developed in whole or part from external projects funded by persons or nongovernmental entities:		
	a. Design Patent	0	0
	b. Plant Patent	0	1

c. Utility Patent	2	25
d. Total	2	26
3. Number of assignments of intellectual property interests to persons nongovernmental entities	0	0
4. Total number of intellectual property licenses executed in FY 17-18	12	33
5. Number of start-ups created through IP licensing in FY17-18	6	1
6. Amount of licensing revenue in FY17-18 resulting from all intellectual property licenses	\$269,255	\$1,077,020
7. Number of jobs created as a result of university start-ups.	10	5

Section F: These items are VCCS specific. Please provide responses in appropriate fields. A Comments field has been provided for any special information the VCCS may want to provide.

VA PLAN Strategy Reference	Section F: General Questions - VCCS Specific	Number	Value	Comments
4.1	1. Number and value of federal, state or private grant resources to support development of, or access to, training programs leading to workforce credentials, certifications and licensures.	N/A	N/A	N/A
	2. Number of training programs leading to workforce certifications or licensures.	N/A		N/A
	3. Number of students who earned industry recognized credential stemming from training programs.	N/A		N/A
	4. Number of industry-recognized credentials obtained, including certifications and licensures.	N/A		N/A
	5. Number of Career/Technical Education certificates, diplomas and degrees awarded that meets regional workforce needs.	N/A		N/A

Six-Year Plans - Part I (2017): 2018-20 through 2022-24
Virginia Cooperative Extension & Agricultural Experiment Station

ACADEMIC AND FINANCIAL PLAN

Instructions: In the column entitled "Academic and Support Service Strategies for Six-Year Period (2018-2024)," please provide titles to identify strategies (for the three biennia of this six-year period) associated with goals in the Virginia Plan. *Please use this title to identify a more detailed description of the strategy in the separate Word document (Part II - Narrative).*

Priority Ranking	ACADEMIC AND SUPPORT SERVICE STRATEGIES FOR SIX-YEAR PERIOD (2016-2022)											Strategies	Strategies	
	Biennium 2018-2020 (7/1/18-6/30/20)						Biennium 2020-2022 (7/1/20-6/30/22)				Biennium 2022-2024 (7/1/22-6/30/24)			
	Strategies (Short Title)	VP Goal	Cost: Incremental, Savings, Reallocation								Strategies			Strategies
			2018-2019		2019-20		2018-2019 (revised)		2019-2020 (revised)					
Total Amount			Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue					
3	Advance Virginia Agriculture and Natural Resources Initiative to Grow the Future of the Commonwealth's Economy with Public-Private Partnerships <i>(100% GF Request)</i>	4	Incremental:	\$2,500,000	\$0	\$5,000,000	\$0	\$0	\$0	\$2,500,000	\$0	Continue to leverage strength in agricultural biosciences to grow research and connect innovations with industry to build the commonwealth's economy and the health and competitiveness of the agricultural sector.	Continue to leverage strength in agricultural biosciences to grow research and connect innovations with industry to build the commonwealth's economy and the health and competitiveness of the agricultural sector.	
			Savings:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
			Reallocation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
4	Improve Compensation Levels for Extension Agents to Reduce Turnover and Enhance Service Levels to Commonwealth <i>(100% GF Request)</i>	4	Incremental:	\$837,489	\$0	\$1,716,853	\$0	\$0	\$0	\$1,068,998	\$0	Continue to enhance the salary competitiveness of Virginia's Cooperative Extension Agents.	Continue to enhance the salary competitiveness of Virginia's Cooperative Extension Agents.	
			Savings:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
			Reallocation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
A5	Reallocation of Existing Resources to Support Strategic Initiatives and Funding Shortfall <i>(100% NGF)</i>	4	Incremental:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Opportunities for reallocation are limited, and will require the strategic realignment of expenditures and services.	Opportunities for reallocation are limited, and will require the strategic realignment of expenditures and services.	
			Savings:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
			Reallocation:	\$0	\$0	\$0	\$0	\$1,215,641	\$0	\$1,663,511	\$0			
Total 2018-2020 Costs														
Incremental (Included in Financial Plan line 61)				\$3,337,489	\$0	\$6,716,853	\$0	\$0	\$0	\$3,568,998	\$0			
Savings				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
Reallocation				\$0	\$0	\$0	\$0	\$1,215,641	\$0	\$1,663,511	\$0			

Six-Year Financial Plan for Educational and General Programs, Incremental Operating Budget Need
2018-2020 Biennium
(Assuming No Additional General Fund)

Items	2018-2019		2019-2020		2018-2019 (revised)		2019-2020 (revised)	
	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue
Total Incremental Cost from Academic Plan¹	\$3,337,489	\$0	\$6,716,853	\$0	\$0	\$0	\$3,568,998	\$0
1	Increase T&R Faculty Salary Amount (state authorized salary increase), put NGF share amount in the tuition column and NGF share+state funding in the total column	\$23,899	\$0	\$68,978	\$0	\$0	\$562,366	\$0
	Increase T&R Faculty Salary Amount (additional NGF salary increase), put NGF amount in both tuition and total columns	\$0	\$0	\$0	\$0	\$551,339	\$1,001,232	\$0
	T&R Faculty Salary Increase Rate (put state authorized salary increases in the total column, leave tuition column blank)	0.20%	0.00%	0.20%	0.00%	0.00%	2.00%	
	Additional NGF T&R Faculty Salary Increase Rate (put additional NGF salary increase rate in both tuition and total columns)	0.00%	0.00%	0.00%	0.00%	2.00%	1.60%	1.60%
1	Increase Admin. Faculty Salary Amount (state authorized salary increase), put NGF share amount in the tuition column and NGF share+state funding in the total column	\$18,146	\$0	\$52,371	\$0	\$0	\$427,599	\$0
	Increase Admin. Faculty Salary Amount (additional NGF salary increase), put NGF amount in both tuition and total columns	\$0	\$0	\$0	\$0	\$419,215	\$761,294	\$0
	Admin Faculty Salary Increase Rate (put state authorized salary increases in the total column, leave tuition column blank)	0.20%	0.00%	0.20%	0.00%	0.00%	2.00%	
	Additional NGF Admin. Faculty Salary Increase Rate (put additional NGF salary increase rate in both tuition and total columns)	0.00%	0.00%	0.00%	0.00%	2.00%	1.60%	1.60%

2019-20: 3.6% merit-based salary increase.

2018-19: 2% merit-based salary increase.

2019-20: 3.6% merit-based salary increase.

2018-19: 2% merit-based salary increase.

Six-Year Plans - Part I (2017): 2018-20 through 2022-24
Virginia Cooperative Extension & Agricultural Experiment Station

ACADEMIC AND FINANCIAL PLAN

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Priority Ranking	ACADEMIC AND SUPPORT SERVICE STRATEGIES FOR SIX-YEAR PERIOD (2016-2022)													
	Biennium 2018-2020 (7/1/18-6/30/20)										Biennium 2020-2022 (7/1/20-6/30/22)		Biennium 2022-2024 (7/1/22-6/30/24)	
	Strategies (Short Title)	VP Goal	Cost: Incremental, Savings, Reallocation								Strategies	Strategies		
			2018-2019		2019-20		2018-2019 (revised)		2019-2020 (revised)					
Total Amount			Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue					
2	Increase Classified Salary Amount (state authorized salary increase), put NGF share amount in the tuition column and NGF share+state funding in the total column		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$318,786	\$0	N/A	2019-20: 2% across-the-board and 2% merit-based salary increase.	
	Increase Classified Salary Amount (additional NGF salary increase), put NGF amount in both tuition and total columns		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	Classified Salary Increase Rate (put state authorized salary increases in the total column, leave tuition column blank)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%				
	Additional NGF Classified Salary Increase Rate (put additional NGF salary increase rate in both tuition and total columns)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2	Increase University Staff Salary Amount (state authorized salary increase), put NGF share amount in the tuition column and NGF share+state funding in the total column		\$6,557	\$0	\$23,229	\$0	\$0	\$0	\$0	\$228,402	\$0		2019-20: 3% merit-based salary increase.	
	Increase University Staff Salary Amount (additional NGF salary increase), put NGF amount in both tuition and total columns		\$0	\$0	\$0	\$0	\$223,924	\$0	\$0	\$338,125	\$0	2018-19: 2% merit-based salary increase.		
	University Staff Salary Increase Rate (put state authorized salary increases in the total column, leave tuition column blank)		0.15%	0.00%	0.15%	0.00%	0.00%	0.00%	0.00%	2.00%				
	Additional NGF University Staff Salary Increase Rate (put additional NGF salary increase rate in both tuition and total columns)		0.00%	0.00%	0.00%	0.00%	2.00%	2.00%	1.00%	1.00%				
	Increase Number of Full-Time T&R Faculty ⁴ (\$)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	Increase Number of Full-Time T&R Faculty ⁴ (FTE)		0	0	0	0	0	0	0	0	0			
	Increase Number of Full-Time Admin. Faculty ⁵ (\$)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	Increase Number of Full-Time Admin. Faculty ⁵ (FTE)		0	0	0	0	0	0	0	0	0			
	Increase Number of Part-Time Faculty ⁴ (\$)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	Increase Number of Part-Time Faculty ⁴ (FTE)		0	0	0	0	0	0	0	0	0			
	Increase Number of Classified Staff ⁴ (\$)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	Increase Number of Classified Staff ⁴ (FTE)		0	0	0	0	0	0	0	0	0			
	Increase Number of University Staff ⁴ (\$)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	Increase Number of University Staff ⁴ (FTE)		0	0	0	0	0	0	0	0	0			
	Library Enhancement ⁴ (\$)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	Library Enhancement ⁴ (FTE)		0	0	0	0	0	0	0	0	0			
	Technology Enhancement ⁴ (\$)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	Technology Enhancement ⁴ (FTE)		0	0	0	0	0	0	0	0	0			
6	O&M for New Facilities ⁴ (\$)		\$823,264	\$0	\$1,271,669	\$0	\$500,000	\$0	\$500,000	\$0	\$0			
	O&M for New Facilities ⁴ (FTE)		0	0	0	0	0	0	0	0	0			
7	Utility Cost Increase		\$550,000	\$0	\$1,100,000	\$0	\$111,174	\$0	\$227,907	\$0	\$0			
	NGF share of state authorized salary increase/bonus		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
A8	Fringe/health insurance benefits increase		\$0	\$0	\$0	\$0	\$603,512	\$0	\$1,776,089	\$0	\$0			
A9	VRS increase		\$0	\$0	\$0	\$0	\$8,797	\$0	\$9,178	\$0	\$0			
	Additional In-State Student Financial Aid From Tuition Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	Others (Specify, insert lines below)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
A10	State Initiative: Soil Scientist Assistance Program		\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000	\$0	\$0			

Six-Year Plans - Part I (2017): 2018-20 through 2022-24
Virginia Cooperative Extension & Agricultural Experiment Station

ACADEMIC AND FINANCIAL PLAN

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Priority Ranking	ACADEMIC AND SUPPORT SERVICE STRATEGIES FOR SIX-YEAR PERIOD (2016-2022)										Strategies	Strategies		
	Biennium 2018-2020 (7/1/18-6/30/20)					Biennium 2020-2022 (7/1/20-6/30/22)							Biennium 2022-2024 (7/1/22-6/30/24)	
	Strategies (Short Title)	VP Goal	Cost: Incremental, Savings, Reallocation										Strategies	Strategies
			2018-2019		2019-20		2018-2019 (revised)		2019-2020 (revised)					
Total Amount			Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue	Total Amount	Amount From Tuition Revenue					
D	Unavoidable Cost Increase Placeholder		\$45,524		\$76,252		\$0		\$0		\$0			
	Safety and Security Enhancement		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	Total Additional Funding Need		\$4,804,879	\$0	\$9,309,352	\$0	\$2,617,961	\$0	\$9,919,977	\$0				

Notes:

- (1) Please ensure that these items are not double counted if they are already included in the incremental cost of the academic plan.
- (2) If planned, enter the cost of any institution-wide increase.
- (3) Enter planned annual faculty salary increase rate. Any salary increase entered here will be counted when calculating the gap to reach the 60th percentile in the future.
- (4) Enter number of FTE change over the FY2018 level in appropriate columns.
- (5) Agency 229 does not have "Tuition Revenue". Rather, this compensation program was made possible through internal reallocation strategies.

Six-Year Plans - Part I (2017: 2018-20 through 2022-24)
Virginia Cooperative Extension & Agricultural Experiment Station

Six-Year Financial Plan for Tuition and Fee Increases and Nongeneral Fund Revenue Estimates

Items	Revised Attachment Q																				
	2016-2017 (Estimated)			2017-2018 (Estimated)			2018-2019 (Planned)			2019-2020 (Planned)			2017-18 (Est.)			2018-2019 (Estimated)			2019-2020 (Planned)		
	Student Charge	Total Revenue		Student Charge	Rate Increase	Total Revenue	Student Charge	Rate Increase	Total Revenue	Student Charge	Rate Increase	Total Revenue	Total Revenue	Student Charge	Rate Increase	Total Revenue	Student Charge	Rate Increase	Total Revenue		
E&G Programs																					
Undergraduate, In-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Undergraduate, Out-of-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Graduate, In-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Graduate, Out-of-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Law, In-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Law, Out-of-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Medicine, In-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Medicine, Out-of-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Dentistry, In-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Dentistry, Out-of-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
PharmD, In-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
PharmD, Out-of-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Veterinary Medicine, In-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Veterinary Medicine, Out-of-State	\$0	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0	\$0	%	\$0		%		%			
Other NGF		\$16,703,000			\$16,520,000			\$16,520,000			\$16,520,000	\$18,025,060				\$16,520,000			\$16,520,000 (a)		
Total E&G Revenue - Gross		\$16,703,000			\$16,520,000			\$16,520,000			\$16,520,000	\$18,025,060				\$16,520,000			\$16,520,000		
Total E&G Revenue - Net of Financial Aid		\$16,703,000			\$16,520,000			\$16,520,000			\$16,520,000	\$18,025,060				\$16,520,000			\$16,520,000		
E&G Revenue Used for Faculty Salary Increase		\$0			\$0			\$0			\$0	\$0				\$0			\$0		
Average T&R Faculty Salary Increase Rate		0.00%			0.00%			0.00%			0.00%	0.00%				0.00%			0.00%		
Auxiliary Program																					
Mandatory Non-E&G Fees																					
Undergraduate	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Graduate	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Law	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Medicine	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Dentistry	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
PharmD	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Veterinary Medicine	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Total Auxiliary Revenue (ALL including room and board)		\$0			\$0			\$0			\$0	\$0				\$0			\$0		
Total Tuition and Fees																					
Undergraduate, In-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Undergraduate, Out-of-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Graduate, In-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Graduate, Out-of-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Law, In-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Law, Out-of-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Medicine, In-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Medicine, Out-of-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Dentistry, In-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Dentistry, Out-of-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
PharmD, In-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
PharmD, Out-of-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Veterinary Medicine, In-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Veterinary Medicine, Out-of-State	\$0		\$0	%		\$0	%		\$0	%		\$0	%			%		%			
Student Financial Aid (Program 108)		\$0			\$0			\$0			\$0	\$0				\$0			\$0		
Sponsored Programs (Program 110)		\$0			\$0			\$0			\$0	\$0				\$0			\$0		
Unique Military Activities		\$0			\$0			\$0			\$0	\$0				\$0			\$0		
Workforce Development		\$0			\$0			\$0			\$0	\$0				\$0			\$0		
Other (Specify)		\$0			\$0			\$0			\$0	\$0				\$0			\$0		

Footnotes:

(a) 2017-18 NGF reflects one-time carryover from Federal Funds due to misalignment of state and Federal fiscal years.

Six-Year Plans - Part I (2017): 2018-20 through 2022-24
Virginia Cooperative Extension & Agricultural Experiment Station

FINANCIAL AID PLAN

Note: If you do not have actual amounts for *Tuition Revenue for Financial Aid* by student category, please provide an estimate. If values are not distributed for *Tuition Revenue for Financial Aid*, a distribution may be calculated for your institution.

Allocation of Tuition Revenue Used for Student Financial Aid

2015-16 (Actual)

T&F Used for Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid
Undergraduate, In-State	\$0	\$0	%	\$0
Undergraduate, Out-of-State	\$0	\$0	%	\$0
Graduate, In-State	\$0	\$0	%	\$0
Graduate, Out-of-State	\$0	\$0	%	\$0
First Professional, In-State	\$0	\$0	%	\$0
First Professional, Out-of-State	\$0	\$0	%	\$0
Total	\$0	\$0	%	\$0
In-State Sub-Total	\$0	\$0	%	\$0

***2016-17 (Estimated) Please see footnote below**

T&F Used for Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid
Undergraduate, In-State	\$0	\$0	%	\$0
Undergraduate, Out-of-State	\$0	\$0	%	\$0
Graduate, In-State	\$0	\$0	%	\$0
Graduate, Out-of-State	\$0	\$0	%	\$0
First Professional, In-State	\$0	\$0	%	\$0
First Professional, Out-of-State	\$0	\$0	%	\$0
Total	\$0	\$0	%	\$0
Total from Finance-T&F worksheet	\$16,703,000	\$0	%	
In-State Sub-Total	\$0	\$0	%	\$0

2017-18 (Planned)

T&F Used for Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid
Undergraduate, In-State	\$0	\$0	%	\$0
Undergraduate, Out-of-State	\$0	\$0	%	\$0
Graduate, In-State	\$0	\$0	%	\$0
Graduate, Out-of-State	\$0	\$0	%	\$0
First Professional, In-State	\$0	\$0	%	\$0
First Professional, Out-of-State	\$0	\$0	%	\$0
Total	\$0	\$0	%	\$0
Total from Finance-T&F worksheet	\$16,520,000	\$0	%	
In-State Sub-Total	\$0	\$0	%	\$0
Additional In-State	\$0	\$0	%	\$0

2018-19 (Planned)

T&F Used for Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid
Undergraduate, In-State	\$0	\$0	%	\$0
Undergraduate, Out-of-State	\$0	\$0	%	\$0
Graduate, In-State	\$0	\$0	%	\$0
Graduate, Out-of-State	\$0	\$0	%	\$0
First Professional, In-State	\$0	\$0	%	\$0
First Professional, Out-of-State	\$0	\$0	%	\$0
Total	\$0	\$0	%	\$0
Total from Finance-T&F worksheet	\$16,520,000	\$0	%	
In-State Sub-Total	\$0	\$0	%	\$0
Additional In-State	\$0	\$0	%	\$0
Additional In-State from Financial Plan		\$0	%	

2019-20 (Planned)

T&F Used for Financial Aid	Gross Tuition Revenue	Tuition Revenue for Financial Aid (Program 108)	% Revenue for Financial Aid	Distribution of Financial Aid
Undergraduate, In-State	\$0	\$0	%	\$0
Undergraduate, Out-of-State	\$0	\$0	%	\$0

Six-Year Plans - Part I (2018): FY2017-2018
Virginia Tech
ECONOMIC DEVELOPMENT: CONTRIBUTIONS (HB515)

Requirement: As per § 23.1-306 (A) of the Code of Virginia each such plan and amendment to or affirmation of such plan shall include a report of the institution's active contributions to efforts to stimulate the economic development of the Commonwealth, the area in which the institution is located, and, for those institutions subject to a management agreement set forth in Article 4 (§ 23.1-1004 et seq.) of Chapter 10, the areas that lag behind the Commonwealth in terms of income, employment, and other factors.

Special Notes: The reporting period is FY18. The metrics serve as a menu of items that institutions should respond to as applicable and when information is available to them. Leave fields blank, if information is unavailable. Please note the narrative question at the bottom of the page. The response should be provided in a separate WORD or PDF document, as an attachment, if the Part II (Narrative) is not being updated.

NOTE: Responses represent aggregate contributions of both Agency 208 and Agency 229.

Section A: Provide information for research and development (R&D) expenditures by source of fund with a breakdown by Science and Engineering (S&E) specific and non-S&E.

VA PLAN Strategy Reference	Section A: Research and Development (R&D) Expenditures by Source of Fund	*S&E	Non S&E	Total
4.3	Federal Government	\$ 181,379	\$ 4,675	\$ 186,054
	State and Local Government	54,368	1,403	55,771
	Institution Funds	220,903	4,913	225,816
	Business	40,421	50	40,471
	Nonprofit Organizations	7,215	37	7,252
	All Other Sources	7,054	7	7,061
	Total	\$ 511,340	\$ 11,085	\$ 522,425

* S&E - Science and Engineering

Section B: Provide number and dollar value of grants, contracts and sub-agreements by discipline. If your institution prefers to report by industry, please contact Jean Mottley (jeanmottley@schev.edu) to assist with changes.

VA PLAN Strategy Reference	Section B: Grants, Contracts and Sub-Agreements by Discipline	Funding Source						
		Federal	State & Local	Business	Non-Profit	Institutional	Other	
4.3	Computer & Information Sciences	\$ 10,386	\$ 3,573	\$ 3,064	\$ -	\$ 15,843	\$ 169	
	Engineering	84,497	8,839	29,392	2,799	99,085	2,198	
	Geosciences, Atmospheric and Ocean Sciences	2,302	51	137	51	1,861	101	
	Life Sciences	62,211	41,550	6,423	3,450	81,211	4,066	
	Mathematics & Statistics	5,232	-	360	100	4,209	380	
	Physical Sciences	8,276	80	916	412	8,745	24	
	Psychology	2,402	57	66	144	1,655	35	
	Social Sciences	5,787	218	63	259	8,196	81	
	Other Science	286	-	-	-	98	-	
	Non-Science and Engineering (non-S&E)	4,675	1,403	50	37	4,913	7	
	Total	\$ 186,054	\$ 55,771	\$ 40,471	\$ 7,252	\$ 225,816	\$ 7,061	

Section C: For the following items, provide responses in appropriate fields. Insert an X for yes/no responses. Use Number/Amount field for other information. A Comments field has been provided for any special information your institution may want to provide.

VA PLAN Strategy Reference	Section C: General Questions	Yes	No	Number/Amount	Comments
4.1	1. Does your institution offer an innovation/ entrepreneurship/career-themed student living-learning community?	X			see: https://www.apex.vt.edu/innovate-living-learning-community/
4.1	2. Does your institution offer startup incubation/accelerator programs? If yes, please comment if people/companies external to the institution can access them and, if so, how.	X			Companies may partner with Virginia Tech through our LINK organization. See: https://vt.edu/link/index.html
4.2	3. Does your institution offer maker-space? If yes, please comment if people/companies external to the institution can access it and, if so, how.	X			Companies may partner with Virginia Tech through our LINK organization. See: https://vt.edu/link/index.html
4.2	4. Does your institution have an entrepreneurship center? If yes, please comment if people/companies external to the institution can access it and, if so, how.	X			Companies may partner with Virginia Tech through our LINK organization. See: https://vt.edu/link/index.html
4.2	5. Does your institution have Entrepreneur Executive(s)-in-Residence?	X			see: https://www.apex.vt.edu/programs/entrepreneur-in-residence-faqs/
4.1	6. Number of students paid through externally funded research grants or contracts.			1144	
4.1	7. Number of entrepreneurship degrees/ courses/programs (credit and noncredit) offered?			1 major and 1 minor, multiple non-credit activities.	see: www.apex.vt.edu
4.1	8. Number of academic units that have courses/programs requiring a capstone project, experiential learning activities, or internships.				Virginia Tech has many programs with these elements as both required and optional activities. A count of departments and programs is not readily available.
4.1	9. Does your institution's tenure policy support commercialization? If yes, please provide brief explanation in comments section.	X			Tenure requirements include citation of "Economic contributions and entrepreneurship", including start-up businesses, commercialization of discoveries, and other evidence of entrepreneurship.
4.2	10. Does your institution offer a seed fund that awards money to start-ups? If yes, please comment on whether it awards funding only to university-based start-ups or to the general public as well?	X			VTC (Virginia Tech Carilion) Innovation Fund supports university and external start-ups. http://www.vtcinnovationfund.com/about/management/
4.2	11. Does your institution offer translational research and/or proof of concept funding? If yes, please provide dollar amount available in FY18 in the number/amount field.	X		-\$75,000	The Catalyst program, supported by a US EDA i6 grant, will run through the remainder of this fiscal year with about \$75,000 to spend
4.1	12. Does your institution offer continuing education programs to industry? If yes, please provide dollar value or headcount for such programs in the number/amount field.	X		#995 / \$750,010	

Section D: Provide information for research and commercialization grants by type, number, and dollar value with a breakdown by college and department. If additional rows are needed, please contact Jean Mottley (jeanmottley@schev.edu) to assist with changes.

VA PLAN Strategy Reference	Section D: Research and Commercialization Grants	No.	\$ Value	College	Department
4.3	SBIR - Small Business Innovation Research	5	\$86,021	College of Engineering	Aerospace and Ocean Engineering
			\$220,000	College of Engineering	Civil & Environmental Engineering
			\$190,000	College of Engineering	Mechanical Engineering
			\$49,981	College of Science	Physics
			\$207,102	College of Liberal Arts and Human Sciences	Center for Gerontology
	STTR - Small Technology Transfer Research	2	\$75,000	College of Engineering	Aerospace and Ocean Engineering
			\$81,456	College of Engineering	Civil & Environmental Engineering
			\$180,000	Executive VP & Provost	Center for the Arts at VT
	CRCF - Commonwealth Research Commercialization Fund	3	\$100,000	College of Engineering	Biomedical Engineering & Mechanics
			\$300,000	Vice President for Research	Institute for Critical Technology and Applied Science
			\$97,415	Vice President for Research	VT Carilion Research Institute
	VBHRC - The Catalyst	2	\$400,000	College of Science	Chemistry
	Commonwealth Health Research Board	1	\$500,000	Vice President for Research	VT Carilion Research Institute
VRIF - Virginia Research Investment Fund	2	\$99,995	College of Veterinary Medicine	Vet Med Research & Graduate Studies	
		\$483,547	College of Engineering	Biomedical Engineering & Mechanics	
			\$391,729	Vice President for Research	Hume Center

*University must pay to be a member and collaborate with at least one other member university

Section E. The Intellectual Property (IP) section captures information on disclosure, patent, and licensing activities. It is divided into two tables. Table 1 captures information regardless of source of funds or nature of entity to whom IP is transferred. Table 2 is required by § 23.1-102 subdivision 2 of the Code of Virginia. It details assignment of IP interests to persons or nongovernmental entities and the value of externally sponsored research funds received during the year from a person or nongovernmental entity by the institution, any foundation supporting the IP research performed by the institution, or any entity affiliated with the institution. Information is sought on research that yields IP regardless of the project's intent. Information is sought about IP transferred as a result of either basic or applied research. The table captures separate aggregate data on entities that have a principal place of business in Virginia and those with a principal place of business outside of Virginia.

VA PLAN Strategy Reference	Section E: Part 1 - All Patent Activity for FY 2017-18	No.
4.2	1. Number of Intellectual Property disclosures received	148
	2. Number of Provisional Patent Applications filed during the year	101
	3. Number of Patent Applications filed during the year (by type)	
	Design	0
	Plant	4
	Utility	50
	Total	54
	4. Total number of Patent Applications pending (by type)	
	Design	0
	Plant	4
	Utility	742
	Total	746
	5. Number of Patents awarded during the year (by type)	
Design	0	
Plant	1	
Utility	27	
Total	28	

VA PLAN Strategy Reference	Section E: Part 2 - Other Information	Principal Place of Business in VA	Principal Place of Business outside VA
4.2	1. Value of funds from persons or nongovernmental entities to support intellectual property research	\$373,018	\$25,631,029
	2. Number of patents awarded during the year (by type) developed in whole or part from external projects funded by persons or nongovernmental entities.		
	a. Design Patent	0	0
	b. Plant Patent	0	1
	c. Utility Patent	2	25
	d. Total	2	26
	3. Number of assignments of intellectual property interests to persons or nongovernmental entities	0	0
4. Total number of intellectual property licenses executed in FY 17-18	12	33	
5. Number of start-ups created through IP licensing in FY17-18	6	1	
6. Amount of licensing revenue in FY17-18 resulting from all intellectual property licenses	\$269,255	\$1,077,020	
7. Number of jobs created as a result of university start-ups.	10	5	

Section F: These items are VCCS specific. Please provide responses in appropriate fields. A Comments field has been provided for any special information the VCCS may want to provide.

VA PLAN Strategy Reference	Section F: General Questions - VCCS Specific	Number	Value	Comments
4.1	1. Number and value of federal, state or private grant resources to support development of, or access to, training programs leading to workforce credentials, certifications and licensures.	N/A	N/A	N/A
	2. Number of training programs leading to workforce certifications and licensures.	N/A		N/A
	3. Number of students who earned industry recognized credentials stemming from training programs.	N/A		N/A
	4. Number of industry-recognized credentials obtained, including certifications and licenses.	N/A		N/A
	5. Number of Career/Technical Education certificates, diplomas and degrees awarded that meets regional workforce needs.	N/A		N/A

NARRATIVE REQUIREMENT:

Contributions to Economic Development – Describe the institution’s contributions to stimulate the economic development of the Commonwealth and/or area in which the institution is located. *If applicable, the information should include:*

- a. University-led or public-private partnerships in real estate and/or community redevelopment.
- b. State industries to which the institution’s research efforts have direct relevance.
- c. High-impact programs designed to meet the needs of local families, community partners, and businesses.
- d. Business management/consulting assistance.

Revisions to the 2018-2024 Six-Year Plan

November 5, 2018

DWIGHT SHELTON
VICE PRESIDENT FOR FINANCE AND CHIEF
FINANCIAL OFFICER



Background

Six-Year Plan is a requirement of the Higher Education Opportunity Act of 2011

Three components of 6 year plan:

1. Academic plan
 - Strategies that advance the university's strategic plan
 - Support the state's objectives
2. Financial Plan
 - Estimated costs
 - Potential revenues and reallocations
3. Enrollment Plan
 - SCHEV 2B enrollment plan

Six-Year Planning Process

- Six-Year plans aid state officials in understanding institutional resource needs
 - Initial Submission to state due July 12th
 - Serves as starting point for Executive Budget development
- July/August review by:
 - Secretaries of Education and Finance
 - Directors of Department of Planning and Budget and SCHEV
 - Staff of House Appropriations and Senate Finance Committees
- September/October:
 - Suggestions from state and opportunity for university response
- November:
 - Board of Visitors approves final plan

2018-24 Academic Plan and Financial & Operating Plan

- *Focuses initiatives to reflect university priorities*
- *Reflects enrollment growth plan*
- *Continues the state's traditional salary competitiveness program*
 - *Also seeks to support Extension Agent salary competitiveness needs*
- *Plans for increased affordability through additional student financial aid*
- *Proposes new General Fund support for degree production*
- *Plans for Agricultural and Natural Resources Initiative Operating Budgets: reflects projected 2018-2020 state cost assignments, unavoidable cost increases, and fringe benefits*

Enrollment Plan

Six-Year Enrollment Plan Submitted to SCHEV in May 2017

Headcount On/Off Campus

Student Group	<i>Actual-----Projected-----</i>					
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Entering In-State Undergraduates	4,365	4,165	4,165	4,165	4,165	4,165
Entering Out-of-State Undergraduates	2,408	2,100	2,100	2,100	2,100	2,100
Continuing and Transfer Undergraduates	20,420	21,284	21,516	21,903	22,006	22,014
Total Undergraduate	27,193	27,549	27,781	28,168	28,271	28,279
Masters and Doctoral	7,199	7,473	7,724	7,949	8,181	8,453
Veterinary Medicine	480	480	480	480	480	480
School of Medicine	0	168	168	168	168	168
Total Graduate	7,679	8,121	8,372	8,597	8,829	9,101
Total Enrollment	34,872	35,670	36,153	36,765	37,100	37,380

University Division - Academic Strategies Attachment Q

(\$ in millions)

Academic Initiatives	Original 2017		Revised (2018)	
	2018-19	2019-20*	2018-19	2019-20*
<i>Increase Access for Virginia Undergraduates and Support the Production of STEM-H Degrees in the Commonwealth</i>	\$8.3	\$11.0	\$ 8.3	\$ 11.4
<i>Develop Destination Areas of Market-Centered Instruction and Research Clusters</i>	3.6	7.3	2.0	5.7
<i>Advance Strategic Research Opportunities and Enhance Entrepreneurial and Innovation Ecosystem</i>	5.0	10.0	-	5.0
<i>Establish a Learning Systems Innovation and Effectiveness Initiative</i>	0.5	1.0	0.5	0.9
<i>Ensure Access for Low and Middle-Income Families</i>	2.0	4.1	2.1	4.1
<i>Expand Access to a Virginia Tech Education Through Development of Pathway Opportunities for Underserved Virginia Residents</i>	1.1	1.1	0.5	1.0
<i>Enhance Degree Completion and Instructional Sharing with Other Institutions</i>	0.6	0.7	0.3	0.5
<i>Support Faculty Startup Package</i>	2.0	4.0	0.7	2.2
<i>Increase Support for Unique Military Activities</i>	0.5	0.5	-	0.2
<i>Increase Graduate Enrollment in Strategic Areas</i>	2.9	3.3	1.0	1.1
<i>Integrate Virginia Tech-Carilion School of Medicine as Ninth College of Virginia Tech</i>	14.1	14.3	14.4	14.5
<i>Advance Institutional Efficiencies and Effectiveness</i>	1.5	2.5	1.3	2.4
Subtotal Academic Initiatives	\$42.1	\$59.8	\$ 31.1	\$ 49.0

*2019-20 is cumulative of 2018-19 costs.

2018-20 Financial and Operating Costs

(\$ in millions)

<u>Finance & Operating Initiatives</u>	Original (2017)		Revised (2018)	
	2018-19	2019-20*	2018-19	2019-2020
<i>Increase Faculty Salaries</i>	\$ 4.6	\$ 13.3	\$ 7.5	\$ 21.3
<i>Increase Staff Salaries</i>	0.5	1.5	1.2	4.8
<i>Library Inflation</i>	0.3	0.5	0.3	0.5
<i>Fixed Cost Increases</i>	0.9	1.7	0.6	1.2
<i>O&M for New Facilities</i>	0.8	2.4	0.3	1.0
<i>Fringe/Health Insurance Increases</i>	3.4	5.7	3.8	9.5
<i>Additional Financial Aid for In-State Students</i>	0.2	0.3	0.6	0.8
<i>Annualization of Prior Year Costs</i>	0.8	0.8	0.8	0.8
Subtotal Financial and Operating Initiatives	\$ 11.5	\$ 26.2	\$ 15.1	\$ 39.9

*2019-20 is cumulative of 2018-19 costs.

University Division - Nongeneral Fund Revenue Estimate

- Key components are tuition and fee revenue estimates for first biennium of plan
- Six-Year plan does not recommend or commit to specific set of rates. Tuition and fee rates remain authority of Board of Visitors
- Tuition and Fee figures are **planning placeholders** that begin a discussion about how the university and commonwealth can partner to advance goals

Tuition % Increase Placeholder

	<u>2018-19</u>		<u>2019-20</u>	
	<u>Resident</u>	<u>Nonresident</u>	<u>Resident</u>	<u>Nonresident</u>
Undergraduate	2.9	2.9	2.9	2.9
Graduate	2.9	2.9	2.9	2.9
Vet Med	2.0	2.0	2.5	2.5
Medicine	N/A	N/A	2.5	2.5

University Division Financial Plan Summary

(\$s in millions)

- *Plan is not balanced*
 - *Projected expenses exceed projected NGF revenue*
 - *State General Fund support needed to fully implement all envisioned strategies*

Uses	2018-19	2019-20
Academic Initiatives	\$ 31.1	\$ 49.0
Operating Need	15.1	39.9
<hr/>	<hr/>	<hr/>
Total	46.2	88.9
 Sources		
University Nongeneral Funds	41.5	60.3
Internal Reallocations	2.6	6.1
<hr/>	<hr/>	<hr/>
Implicit GF Request	\$ 2.1	\$ 22.5

*2019-20 is cumulative of 2018-19 costs.

Virginia Cooperative Extension & Virginia Agricultural Experiment Station Strategies (\$ in millions)

	Original (2017)		Revised (2018)	
	2018-19	2019-20	2018-19	2019-20
Academic Initiatives				
<i>Advance Virginia Agriculture and Natural Resources Initiative to Grow the Future of the Commonwealth's Economy with Public-Private Partnerships</i>	\$ 2.5	\$ 5.0	-	\$ 2.5
<i>Improve Compensation Levels for Extension Agents to Reduce Turnover and Enhance Service Levels to the Commonwealth</i>	0.8	1.7	-	1.1
Subtotal Academic Initiatives	\$ 3.3	\$ 6.7	-	3.6
Financial and Operating Initiatives				
<i>Increase Faculty and Staff Salaries</i>	\$ 0.1	\$ 0.1	\$ 1.2	\$ 3.6
<i>O&M for New Facilities</i>	0.8	1.3	0.5	0.5
<i>Utility Cost Increases</i>	0.6	1.1	0.1	0.2
<i>Fringe/Health Insurance Increases</i>	-	0.1	0.6	1.8
<i>State Initiative: Soil Scientist Assistance Program</i>	-	-	0.2	0.2
Subtotal Financial and Operating Initiatives	\$ 1.5	\$ 2.6	\$ 2.6	\$ 6.3

*2019-20 is cumulative of 2018-19 costs.

CE/AES Division

Financial Plan Summary

(\$ in millions)

- State General Fund support needed to fully implement all envisioned strategies.

Uses	2018-19	2019-20*
<i>Academic Initiatives</i>	\$ 0.0	\$ 3.6
<i>Operating Need</i>	2.6	6.3
<hr/> <i>Total</i>	<hr/> 2.6	<hr/> 9.9
Sources		
<i>Agency Nongeneral Funds</i>	0.0	0.0
<i>Internal Reallocations</i>	1.2	2.1
<hr/> <i>Implicit GF Request</i>	<hr/> \$ 1.4	<hr/> \$ 7.8

*2019-20 is cumulative of 2018-19 costs.

Questions ?



Six-Year Planning Process

- *Plans are required to be approved by the Boards of Visitors*
 - *Requirement in Code of Virginia, § 23-1-306:*
 - A. *The governing board of each public institution of higher education shall (i) develop and adopt biennially and amend or affirm annually a six-year plan for the institution; (ii) submit such plan to the Council, the General Assembly, the Governor, and the Chairmen of the House Committee on Appropriations, the House Committee on Education, the Senate Committee on Education and Health, and the Senate Committee on Finance no later than July 1 of each odd-numbered year; and (iii) submit amendments to or an affirmation of that plan no later than July 1 of each even-numbered year or at any other time permitted by the Governor or General Assembly to the Council, the General Assembly, the Governor, and the Chairmen of the House Committee on Appropriations, the House Committee on Education, the Senate Committee on Education and Health, and the Senate Committee on Finance. Each such plan and amendment to or affirmation of such plan shall include a report of the institution's active contributions to efforts to stimulate the economic development of the Commonwealth, the area in which the institution is located, and, for those institutions subject to a management agreement set forth in Article 4 (§ 23.1-1004 et seq.) of Chapter 10, the areas that lag behind the Commonwealth in terms of income, employment, and other factors.*
 - B. *The Secretary of Finance, the Secretary of Education, the Director of the Department of Planning and Budget, the Director of the Council, the Staff Director of the House Committee on Appropriations, and the Staff Director of the Senate Committee on Finance, or their designees, shall review each institution's plan or amendments and provide comments to the institution on such plan or amendments by September 1 of the relevant year. Each institution shall respond to any such comments by October 1 of that year.*
- *SCHEV has provided guidance that Board approval of plans should be managed at the earliest possible Fall Board meeting*

University Division - Summary

(\$ in millions)

	Original (2017)		Revised (2018)	
	2018-19	2019-20	2018-19	2019-20
<i>Academic Initiatives*</i>	\$ 42.1	\$ 59.8	\$ 31.1	\$ 49.0
<i>Financial and Operating Initiatives</i>	\$ 11.5	\$ 26.2	\$ 15.1	\$ 39.9
Total	\$53.6	\$86.0	\$46.2	\$88.9

- Represents total cost of all initiatives supported by either General Fund, Nongeneral Funds, or reallocations.

*2019-20 is cumulative of 2018-19 costs.