

## Higher Education

<b>Adopted Adjustments</b> (\$ in millions)				
	<b>FY 2017 Adopted</b>		<b>FY 2018 Proposed</b>	
	<u>GF</u>	<u>NGF</u>	<u>GF</u>	<u>NGF</u>
2016-18 Base Budget, Ch. 665	\$1,797.6	\$8,345.5	\$1,797.6	\$8,345.5
Increases	176.0	448.5	208.8	537.5
Decreases	<u>(2.3)</u>	<u>(47.8)</u>	<u>(2.3)</u>	<u>(47.8)</u>
\$ Net Change	173.7	400.6	206.5	489.7
<b>Chapter 780 (HB 30, as Adopted)</b>	<b>\$1,971.4</b>	<b>\$8,746.2</b>	<b>\$2,004.2</b>	<b>\$8,835.2</b>
% Change	9.7%	4.8%	11.5%	5.9%
FTEs	17,717.87	39,340.35	17,718.87	39,482.35
# Change	88.51	734.38	89.51	876.38

<b>Adopted Major FY 2016-18 GF Actions</b>		
	<u>FY 2017</u>	<u>FY 2018</u>
<b>Adopted Spending:</b>		
<b>Higher Education Institution Spending</b>		
Access, Completion, and Degrees	\$ 42,300,000	\$ 61,700,000
Undergraduate Need-Based Aid	24,098,663	24,098,663*
Graduate Financial Aid	<u>3,075,000</u>	<u>4,425,000</u>
<b>Subtotal:</b>	<b>\$69,473,663</b>	<b>\$90,223,663</b>
<b>Other Higher Education Spending</b>		
Eastern Virginia Medical School Base Adequacy	\$970,246	\$1,740,431
Cyber Security (Range, Pathway, SCHEV & VCCS)	3,180,000	3,052,000
VA Comm. College System (VCCS) Workforce – under SCHEV	4,000,000	8,500,000
Higher Education Centers	1,410,414	1,750,895
GMU/ODU VA Degree Completion Network under SCHEV	1,000,000	2,000,000
SCHEV Tuition Assistance Grant (TAG) Program	1,000,000	1,000,000
SCHEV Virtual Library E-Books and Contracts	1,220,994	1,282,045
University of Virginia Telemedicine Pilot	200,000	200,000
University of Virginia Blandy Farm	67,800	69,830

## Adopted Major FY 2016-18 GF Actions

	<u>FY 2017</u>	<u>FY 2018</u>
<b>Other Higher Education Spending</b> ( <i>cont'd</i> )		
SCHEV Innovation and Efficiency Fund	500,000	500,000
Other SCHEV Funding	1,057,500	1,007,500
Unique Military Activities (VMI & Virginia Tech)	650,000	650,000
VCCS Veterans Advising	1,100,000	1,100,000
VCCS Rural Horseshoe	250,000	250,000
VCCS Pre-Hire Immersion Training Transfer	250,000	250,000
VCCS Veterans' Portal and Marketing	1,000,000	560,000
VCCS Philpott Manufacturing Extension Partnership	695,074	695,074
VCCS Lord Fairfax CC Luray-Page Workforce	104,950	104,950
VA Commonwealth Univ. – Substance Abuse Fellowship	25,000	180,000
VA Commonwealth Univ. – Council on Econ. Education	56,325	56,325
VA Commonwealth Univ. – Empire Theatre Partnership	125,000	125,000
VA Commonwealth Univ. – CCALS Modeling and State Match	375,000	375,000
Old Dominion University - Recurrent Flooding	465,100	409,200
VA Inst. of Marine Science Sea-Level-Rise/Flooding	426,841	432,894
VA Inst. of Marine Science Operating Support	500,000	500,000
VA Inst. of Marine Science Marine Conservation Fellowship	0	125,000
College of William and Mary – Presidential Precinct Initiative	500,000	0
University of Mary Washington – Information Technology	125,000	125,000
University of Mary Washington – James Monroe Museum	50,000	50,000
University of Virginia – Discovery Virginia	250,000	250,000
VA Commonwealth University - Parkinson's Center	100,000	100,000
VT Extension (Oper & Maintenance and Ext Agent Pay Equity)	120,000	250,000
Other Research (UVA and VT)	5,000,000	5,000,000
Higher Education Research Initiative (plus \$57.5 million bonds)	<u>8,000,000</u>	<u>14,000,000</u>
<b>Subtotal</b>	<b>\$34,775,244</b>	<b>\$46,691,144</b>
<b>All Higher Education Initiative Spending</b>	<b>\$104,248,907</b>	<b>\$136,914,807</b>
<b>Central Approp. Actions</b> (mostly related to benefit actions)	<b>\$69,497,192</b>	<b>\$69,596,530</b>
<b>Central Accounts Interest Earnings &amp; Credit Card Rebate</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>
<b>Central Accounts Inova Research</b>	<b>\$8,000,000</b>	<b>\$0</b>

- **Higher Education Institution Spending:**

- *Access, Affordability, and Degree Completion.* Provides \$42.3 million GF the first year and \$61.7 million GF the second year for the higher education institutions to support operations and to work toward the goals of access, affordability, and degree completion.
  - Language under each institution expresses the sentiment of the General Assembly for the institutions to minimize tuition and fee increases and to report the increases to the State Council of Higher Education for Virginia (SCHEV) within three days. Within another three days, the State Council shall report the increases to the Chairmen of the House Appropriations and the Senate Finance Committees.
- *Undergraduate Need-Based Financial Aid.* Includes \$24.1 million GF the first year for additional need-based financial assistance for in-state undergraduates. The distribution of funding for undergraduate aid is based on the partnership model with greater emphasis on certain institutions and/or students with higher needs. The budget also includes an undistributed \$24.1 million in the second year under SCHEV. The expectation is that the second year amount will be distributed based on recommendations for financial aid reform from the Joint Subcommittee on the Future Competitiveness of Virginia Higher Education.
- *Graduate Financial Aid.* Provides almost \$3.1 million GF the first year and \$4.4 million GF the second year. The allocations are based on recommendations from SCHEV and an additional amount for the Virginia Institute for Marine Science (VIMS).

**Higher Education Institution GF Allocations for  
Operations and Undergraduate Financial Aid  
FY 2016-18**

<u>Institution</u>	<u>Operating FY 2017</u>	<u>Operating FY 2018</u>	<u>Financial Aid FY 2017</u>
Christopher Newport	\$878,335	\$1,281,164	\$186,591
William & Mary	1,194,758	1,742,708	131,919
George Mason	6,040,599	8,810,991	3,064,841
James Madison	2,958,034	4,314,674	301,326
Longwood	847,736	1,236,532	366,214
Mary Washington	1,725,655	2,517,091	234,822
Norfolk State	793,421	1,157,307	2,950,444
Old Dominion	4,554,021	6,642,626	4,340,632
Radford	1,482,976	2,163,111	1,685,000
University of Virginia	3,657,388	5,334,772	232,735
UVA at Wise	800,146	1,167,116	365,638
VA Commonwealth	4,370,112	6,374,371	4,417,541
VA Military Institute	322,979	471,106	45,312
Virginia State	994,498	1,450,603	1,199,616
Virginia Tech	5,133,251	7,487,508	590,288
Richard Bland	296,410	432,353	57,911
VCCS	<u>6,249,681</u>	<u>9,115,967</u>	<u>3,927,747</u>
<b>Total</b>	<b>\$42,300,000</b>	<b>\$61,700,000</b>	<b>\$24,098,663</b>

## Graduate Financial Aid

FY 2016-18

(GF \$)

<u>Institution</u>	<u>FY 2017</u>	<u>FY 2018</u>
Christopher Newport Univ.	\$7,903	\$11,459
College of William and Mary	122,701	177,917
George Mason University	598,449	867,751
James Madison University	258,001	374,101
Longwood University	13,769	19,965
Norfolk State University	78,074	113,207
Old Dominion University	326,180	472,961
Radford University	171,128	248,135
University of Mary Washington	10,299	14,934
University of Virginia	572,270	829,791
Virginia Commonwealth Univ.	362,547	525,693
Virginia State University	70,838	102,715
Virginia Tech	404,764	586,909
Virginia Institute of Marine Science	<u>78,077</u>	<u>79,462</u>
<b>Total</b>	<b>\$3,075,000</b>	<b>\$4,425,000</b>

- **Other Higher Education Spending**

- *Higher Education Centers.* Recommends \$9.6 million GF in FY 2017 and \$16.6 million GF in FY 2018. The following table summarizes the various initiatives:

**Higher Education Center Funding**  
**FY 2016-18**  
(GF \$ in millions)

<u>Agency</u>	<u>Initiative</u>	<u>FY 2017</u>	<u>FY 2018</u>
Roanoke Higher Education Ctr.	Operations	\$250,000	\$250,000
New College Institute	Operations	100,000	100,000
Southwest VA Higher Education Ctr.	Operations	50,000	50,000
Southern VA Higher Education Ctr.	Workforce Training Programs with Expiring Tobacco Commission Funding	390,625	731,250
Institute for Advanced Learning and Research	Communication Upgrade	45,789	45,645
Institute for Advanced Learning and Research	Double the Cohort Size of the Integrated Machining Program in Cooperation with Danville Community College	<u>224,000</u>	<u>224,000</u>
<b>Total</b>		<b>\$1,410,414</b>	<b>\$1,750,895</b>

- **Workforce Training.** Provides \$4.0 million GF in FY 2017 and \$8.5 million GF in FY 2018 under SCHEV for high-need certification programs for Virginia Community College students under the New Economy Workforce Credential Grant Program in accordance with Chapters 326 and 470 of the 2016 Acts of Assembly (HB 66/ SB 576). Students would pay one-third of the cost of the program. The specified community college would receive one-third of the cost when the student completes the program and the final one-third when the student receives the certification.
- **Cyber Security.** Provides \$2.4 million GF each year for cyber security initiatives.

## Cyber Security Initiatives

FY 2016-18

(GF \$ in millions)

<u>Agency</u>	<u>Project</u>	<u>FY 2017</u>	<u>FY 2018</u>
Virginia Tech	Cyber Range (for students to practice their skills)	\$2.0	\$2.0
George Mason	Cyber Pathway for Veterans	<u>0.4</u>	<u>0.4</u>
<b>Total</b>		<b>\$2.4</b>	<b>\$2.4</b>

- *SCHEV: Establish the Virginia Degree Completion Network.* Provides \$1.0 million GF the first year and \$2.0 million GF the second year to create the Network to provide flexible degree training targeted at non-traditional students and those seeking a lower-cost option for a degree program. SCHEV will work with Old Dominion University and George Mason University as the initial providers of these services with future expansion planned with other public institutions of higher education.
- *College of William and Mary: Fund Presidential Precinct Initiative.* Increases funding by \$500,000 GF in FY 2017 for collaboration between the College and the University of Virginia, Monticello, Montpelier, and Ash Lawn-Highland to empower young leaders from the world’s emerging democracies via education and digital networking.
- *University of Mary Washington: Fund Information Technology.* Increases funding by \$125,000 GF each year to address information technology needs at the University.
- *University of Mary Washington: James Monroe Museum.* Provides \$50,000 GF each year for operations at the Museum and Memorial Library.
- *University of Virginia: Fund Discovery Virginia.* Provides \$250,000 GF, \$700,000 NGF, and 6 positions each year of the biennium at the Virginia Foundation for the Humanities for a publically accessible online archive to preserve Virginia history, culture, and heritage.
- *University of Virginia: Telemedicine Pilot Program.* Allocates funding of \$200,000 GF each year of the biennium for a pilot program to expand health care services to

rural and medically underserved areas through the use of nurse practitioners and telemedicine.

- ***University of Virginia: Blandy Farm.*** Provides \$67,800 GF the first year and \$69,830 GF the second year for additional funding for the State Arboretum at Blandy Farm.
- ***Virginia Community College System (VCCS): Establish Veterans' Advising Programs.*** Grants \$1.1 million GF each year to establish veterans' advising programs at the seven community colleges with the highest number of students who are veterans.
- ***VCCS Rural Horseshoe Initiative.*** Provides \$250,000 GF and 9 positions each year of the biennium for the Rural Horseshoe Initiative, a joint project between the 14 community colleges in the rural areas of Virginia, their foundations, and the Virginia Foundation for Community College Education. The program provides career coaches in high schools to help identify job and higher education options available to students.
- ***VCCS Veteran's Portal and Marketing of Workforce.*** Allocates \$1.0 million GF the first year and \$560,000 GF the second year for a Veteran's Portal and marketing efforts to highlight certifications and workforce-related careers.
- ***VCCS Transfer Pre-Hire Immersion Training Program Funds.*** Retains transfer of \$250,000 GF each year from the economic development payment fund for the pre-hire immersion training program.
- ***VCCS Lord Fairfax CC Luray-Page Workforce.*** Provides \$104,950 GF each year to support career and technical education at the Luray-Page County Center with a focus on healthcare and medical education.
- ***Virginia Commonwealth University: Fund Parkinson's and Movement Disorder Center.*** Grants an additional \$100,000 GF each year for the Center's research in this area.
- ***Virginia Commonwealth University: Substance Abuse Fellowship.*** Includes funding of \$25,000 GF the first year and \$180,000 GF the second year to establish a substance abuse fellowship program.
- ***Virginia Commonwealth University: Council on Economic Education.*** Provides additional funding of \$56,325 each year for the Council of Economic Education at the University.



- ***Virginia Commonwealth University: Empire Theatre Partnership.*** Includes funding of \$125,000 GF each year to establish a partnership with the Empire Theatre so that University students can have expanded training opportunities.
- ***Virginia Commonwealth University: Commonwealth Center for Advanced Logistics State Match.*** Provides funding of \$250,000 GF each year to serve as state matching funds for industry research and operations.
- ***Virginia Commonwealth University: Commonwealth Center for Advanced Logistics Port Modeling.*** Includes funding of \$125,000 GF each year to support the traffic optimization modeling and simulation project at the Port of Virginia to improve port operations.
- ***Virginia Military Institute: Unique Military Activities.*** Provides additional funding of \$450,000 GF each year for unique military activities associated with an education at the Institute.
- ***Virginia Tech: Unique Military Activities.*** Increases funding by \$200,000 GF each year for unique military activities associated with the Corps of Cadets activities at Virginia Tech.
- ***Old Dominion University: Create the Center for Recurrent Flooding Resiliency.*** Increases funding by \$465,100 GF the first year, \$409,200 GF the second year and grants 4 positions to support ODU’s expertise in modeling socioeconomic impacts of recurrent flooding. The Center is a collaborative effort involving Old Dominion University, the Virginia Institute of Marine Science, and the College of William and Mary’s Coastal Policy Center. These institutions will work together to help proactively adapt coastal zone planning to sea level rise in order to promote economic expansion of the region.
- ***Virginia Institute of Marine Science: Create the Center for Recurrent Flooding Resiliency.*** Provides \$426,841 GF the first year, \$432,894 GF the second year, and 3.15 FTE positions to support the Institute’s research on sea level rise and storm-surge modeling as part of the Center for Recurrent Flooding Resiliency. The Institute will subcontract with the College of William and Mary’s Coastal Policy Center to conduct policy and legal analysis of stakeholder adaptation responses to sea level rise. The Center is a collaborative effort involving Old Dominion University, the Virginia Institute of Marine Science, and the College of William and Mary’s Coastal Policy Center. These institutions will work together to help proactively adapt coastal zone planning to sea level rise in order to promote economic expansion of the region.
- ***Virginia Institute of Marine Science: Operating Support.*** Provides \$500,000 GF each year to support operations at the Institute.

- **Research.** The Higher Education Research Initiative (HERI) has been funded under the Education Secretariat along with several other smaller research projects and include the following funding:
  - \$57.5 million in Virginia College Building Authority (VCBA) bonds for the funding of research equipment and the potential renovation of laboratory space over the biennium. Included within this allocation;
  - included within this amount is the ability for the University of Virginia to renovate the Center for Human Therapeutics
  - \$22.0 million GF over the biennium in order to offer incentive packages to attract high-performing researchers with a history of commercialization and to create centers of excellence which would allow collaboration and support of research (i.e. biosciences and cyber security, process identified under Chapter 775 of the 2016 Acts of Assembly (HB 1343);
  - \$2.0 million per year GF is provided for focused ultrasound research;
  - \$3.0 million GF per year is provided for cancer research at the Virginia Commonwealth University; and
  - \$8.0 million GF is provided under Central Accounts for partnerships between higher education institutions (George Mason University, Old Dominion University, the University of Virginia, Virginia Commonwealth University, Virginia Tech and the College of William and Mary) and the Global Genomics and Bioinformatics Research Institute (INOVA). These partnerships are also able to access \$20.0 million of the VCBA bonds listed above for the renovation of facilities or laboratory equipment.
  
- **Jefferson Lab.** Language provides that \$1.4 million GF the first year and \$1.0 million GF the second year to continue to support its efforts to host the new federal electron collider project will be allocated from economic development funding.
  
- **State Council of Higher Education for Virginia (SCHEV): Increased Funding for an Innovation and Efficiencies Fund.** Provides \$500,000 GF each year for competitive grants as part of a new innovation and efficiencies fund initiative. The goal of the fund is to stimulate collaboration among public school divisions, community colleges, and universities to create and expand affordable pathways or efficiencies.
  
- **State Council of Higher Education for Virginia (SCHEV): Increased Funding for Tuition Assistance Grant Program.** Increases funding by \$1.0 million GF each year to increase undergraduate awards. Language allows awards to go to \$3,200 the first year and \$3,300 for the undergraduate awards (from the current \$3,100).

- *State Council of Higher Education for Virginia (SCHEV): Increased Funding for the Virtual Library of Virginia (VIVA).* Provides about \$1.2 million GF the first year and \$1.3 million GF the second year to support access to STEM e-books and sustain current contracts.
- *State Council of Higher Education for Virginia (SCHEV): Increased Funding for the Virginia Military Survivors Fund.* Increases funding by \$50,000 GF each year for enrollment growth in the program.
- *State Council of Higher Education for Virginia (SCHEV): Increased Funding for the Virginia Longitudinal Data System.* Increases funding by \$375,000 each year for the Virginia Longitudinal Data System (VLDS) to replace a portion of federal funding and expand the capacity of the system.
- *State Council of Higher Education for Virginia (SCHEV): Enhance Capacity for Higher Education Analysis and New Program Administration for Research and Workforce.* Allocates \$550,000 GF the first year, \$600,000 GF the second year, and 6 positions for additional staff.
- *State Council of Higher Education for Virginia (SCHEV): Study Language for the Creation of an Entity to Investigate Sexual Assaults on College Campuses.* Provides \$100,000 GF the first year for a study concerning the possible creation of a higher education regional center for the investigation and adjudication of criminal incidents related to sexual assaults on campuses.

- **Other Higher Education Actions**

- *Fund Higher Education Equipment Trust Fund.* Provides an allocation of \$85.5 million the first year and \$83.0 million the second year to support the replacement of computers and specialized research equipment. This includes an increase in the workforce funding allocation from \$2.0 million per year to \$5.0 million per year. Also included are the following first year specialized allocations:
  - Virginia Tech: Fund Radar Equipment. \$950,000 in FY 2017 for radar equipment needed at the institution’s unmanned aircraft test range.
  - University of Virginia-Wise: Fund Specialized Equipment. \$520,000 in FY 2017 for the purchase of a nuclear magnetic resonance spectrometer, which is needed to maintain accreditation requirements for the Department of Natural Sciences.
  - Richard Bland College: Fund Information Technology Security. \$200,000 the first year for the purchase, installation, and configuration of information technology security devices.

- George Mason University: Online Equipment. \$400,000 the first year for the acquisition and installation of equipment for the development and delivery of online courses and programs
- Old Dominion University Online Equipment. \$400,000 the first year for the acquisition and installation of equipment for the development and delivery of online courses and programs.
- *Interest Earnings and Credit Card Rebates.* Allocates \$4.0 million GF each year under Central Accounts to provide incentives promised under higher education restructuring to the higher education institutions.
- *Faculty Salary Increase.* Provides \$44.0 million GF over the biennium under Central Accounts for a salary increase of 3 percent starting on November 10th, 2016.