MINUTES UNIVERSITY ADVISORY COUNCIL ON STRATEGIC BUDGETING AND PLANNING February 17, 2022

Present: Scott Case, Carol Cash, Jeff Earley, Joell Eifert, Nancy Gruber, Dan Harrington, Don Hatfield, Ed Lener, Liza Morris, Anusha Prasad, Sean O'Keefe, and Michael Sorice.

Absent with Notice: Cyril Clarke, Scott Case, Ken Miller, Tim Hodge, and Erin

McCann

Absent: Angel Carter, Nikolaos Dervisis, Bob Hicok, Mintai Kim, and Joe Merola.

Guests: David Crotts (substitute for Ken Miller), Bruce Heath (substitute for Tim

Hodge), and David Dillard (substitute for Scott Case)

1. Announcement of approval and posting of minutes of January 20, 2022

The January 20, 2022 minutes have been approved and forwarded to the University Council for posting on the web.

2. Presentation

Jeff Earley, Vice Provost for Academic Resource Management, provided an update on the Partnership for an Incentive-Based Budget (PIBB) 2.0 Prototype. The current PIBB model has been in place for five years. This fiscal year, the Provost Office has engaged the colleges in a comprehensive review of the model to identify areas for continued improvement. The proposed revisions are still in draft form as Mr. Earley and his team are currently receiving feedback from stakeholders across campus. Mr. Earley reminded the Council members of the current PIBB Model including the Development Principles, Budget Allocation Components, College Funding Streams, and an example of college budget under the current model.

Mr. Earley then shared some of the proposed revisions to the PIBB, starting with the results from the surveyed weaknesses of the current model. The top two weaknesses were the promotion of competition between units and model complexity, which helped shape the major goals of the PIBB Budget Model Revisions. The PIBB revision goals include simplify the budget model; align funding with Instructional costs; focus incentives for strategic initiatives; support interdisciplinary activities; increase college funding predictability; shorten budget development timeline; and redesign UDC resource management app. Mr. Earley also touched on proposed metrics that would form the basis for annual college evaluations, presented an example of a college budget under the revised PIBB Budget Model and discussed a course level instructional cost methodology used in the revised model. A copy of the presentation is attached to these minutes.

3. Adjournment

There being no further business, the meeting adjourned at 4:58 p.m.

VIRGINIA TECH...

PARTNERSHIP FOR AN INCENTIVE-BASED BUDGET (PIBB 2.0 Protype)

JEFF EARLEY, VICE PROVOST ACADEMIC RESOURCE MANAGEMENT

FEBRUARY 7, 2022

01 CURRENT PIBB MODEL

Partnership for an Incentive-Based Budget (PIBB) Budget Model Development Principles

INCLUSIVE

Performance goals established in collaboration with units being assessed. Performance metrics reward both shared and distinct outcomes.

PREDICTABLE

Promotes transparent institutional decision-making based on valid data accessible to units being assessed. Enables long-range planning.

STRATEGIC

A goal-based performance budget model that supports our mission and vision.

RESPONSIVE

Enables leaders to manage resources effectively in a dynamic academic and financial environment.



Partnership for an Incentive-Based Budget (PIBB) Budget Allocation Components

Performance Allocation Component

Unit Allocations

Incentivize revenue growth & diversification, & strategic priorities of the university.

Outputs x Budget Value per Output

Allocation Components:

Student Credit Hours
Enrollments
External Funding Incentives



Scorecard Allocations

Incentivize broader university outcomes & strategic priorities of the university.

Block Allocations = Unit Allocations x Scorecard Ratio



Earmarked Allocations

Designated for specific university activities & strategic priorities of the university.

Directed Funding

Annual College Budget

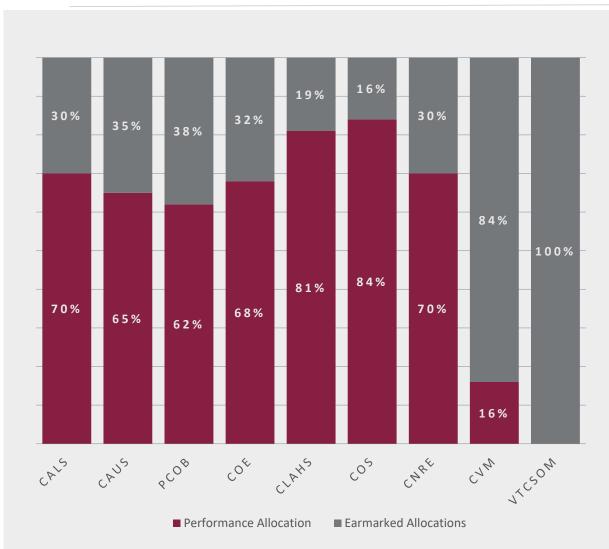
Allocation Components:

Faculty Success
Student Success
Administrative Effectiveness

Allocation Components:

Direct Revenue Sharing
Program Specific Allocations
Strategic Priority Funding

Partnership for an Incentive-Based Budget (PIBB) Fiscal Year 2021-22 College Funding Streams



Sources	Amount	%
Performance Allocations*	\$271,546,040	63.94%
Earmarked Allocations		
Program Fees	31,862,152	7.50%
Graduate Tuition Remissions	22,564,418	5.31%
MD/VA DVM Capitation Adj.	20,677,291	4.87%
Sales and Services Revenue	17,998,077	4.24%
School of Medicine	13,843,176	3.26%
Special Sessions (Summer budget)**	13,118,051	3.09%
Distance Learning/Enterprise Programs	9,618,491	2.26%
Subvention Allocations	6,107,042	1.44%
Destination Area Funding	4,569,342	1.08%
Equipment Trust Fund	4,294,395	1.01%
Self-Supporting Degrees	2,967,963	0.70%
Course Fees	1,743,787	0.41%
Non-PIBB Tech Talent Pipeline Funding	1,661,177	0.39%
Other	2,092,493	0.49%
Total Earmarked Allocations	153,117,855	36.06%
Total College Budgets	\$424,663,895	100.00%

^{*}Total allotment for PIBB performance allocations determined in the annual budget development process.

^{**}Winter Session budget calculated and distributed after the Winter term.

Example college budget

Unit Allocations



Scorecard Allocations



Earmarked Allocations

Metric	Ur	nit Value		College Goal	Budget
Student Credit Hours	-				
All Student Credit Hours	\$	103.50		196,000	\$ 20,286,000
+ Graduate Courses		51.75		15,000	776,250
+ Other College Majors		10.50		150,000	1,575,000
+ Target Section Size		10.50		80,000	840,000
+ Tech Talent Pipeline, UG		6.25		10,000	62,500
+ Pathways Course		5.00		150,000	750,000
+ Destination Area Course		5.00		10,000	50,000
+ Honors Course		3.25		1,000	3,250
Enrollment					
All Enrollment (by Primary Major)	\$	800.00		4,000	\$ 3,200,000
+ Out of State, UG		800.00		1,200	960,000
+ Graduate Major		480.00		500	240,000
+ Tech Talent Pipeline, UG		60.00		-	-
+ Students in More Than One Major		40.00		600	24,000
External Funding					
All New Gifts and Commitments	\$	0.08	\$	5,000,000	\$ 400,000
+ To Professorship Endowments		0.03		100,000	3,000
+ To Scholarship Endowments		0.03		100,000	3,000
Sponsored Expenditures		0.11		40,000,000	4,400,000
Ancillary Income		0.10		-	-
Unit Allocation Associated Value					\$ 33,573,000
Scorecard Value Associated with Other Outcomes		32%	of po	erformance budget	15,799,059
Total Value of Measured Activity					\$ 49,372,059
Earmarked Allocations					
Special Sessions					\$ 2,000,000
Differential Tuition					10,100,000
Distance Learning Revenues					1,800,000
Total Budget					\$ 63,272,059
-					

02

PIBB 2.0 PROTOTYPE

Partnership for an Incentive-Based Budget (PIBB) Surveyed Weaknesses of Current Model

department level ineffective driver graduate program faculty diversity needless metrics college control program fees entitlements Value Scale matters performance band value of Score Card missing qualitative promote dysfunction SChO

Partnership for an Incentive-Based Budget (PIBB) PIBB 2.0 Prototype Model

Major Goals of the Budget Model Revision:

- 1. Simplify the budget model
 - Reduce number of metrics
 - Reframe scorecard discussion and valuation
- 2. Align funding with instructional costs
 - Distinguished by course level
 - Informed by average workload assumptions
- 3. Focus incentives for strategic initiatives
- 4. Support interdisciplinary activities
- 5. Increase college funding predictability
 - Stabilize performance expectations
 - Minimize rate reductions
- 6. Shorten budget development timeline
- 7. Redesign UDC resource management app

Basis for Annual Budget Allocations				
Metric Category	Metric Group	Metric		
Student Credit	SCH Baseline	SCH's by Course Level		
Hours (77% of overall SCH + Enrollment Allocations)	SCH Premium	Interdisciplinary SCH's (3-Year Average)		
		Tech Talent SCH's		
Enrollment (23% of overall SCH + Enrollment Allocations)	Enrollment Baseline	All Majors		
,	Enrollment Premium	Tech Talent Majors		
Research & Scholarship ^(a)	Research & Scholarship	Composite metric, including extramural research, post-doctoral appointments, doctoral degrees awarded, publications, & citations (3-Year Average)		

<u>Phase 1 Indicators</u>: Competitively funded federal research support; membership in the National Academies (NAS, NAE, IOM); faculty awards, fellowships, and memberships; and, citations <u>Phase 2 Indicators</u>: USDA, state, and industrial research funding; doctoral education; number of postdoctoral appointees, and undergraduate education

a) Based on subset of Association of American Universities (AAU) membership indicators. All AAU membership indicators are as follows:

Partnership for an Incentive-Based Budget (PIBB) PIBB 2.0 Prototype Model

Basis for Annual Evaluations

Scorecard Group	Scorecard Category	Scorecard Metric	Development Stage
Faculty Success Faculty Diversity		% full-time female instructional and research faculty	Completed
		% full-time underrepresented minority (URM) instructional and research faculty	Completed
	Faculty	Publications	In Process
Scholarship		Citations	In Process
		Others	In Process
	Faculty Awards	Awards Recognized for AAU Membership	In Process
Student Success Undergraduate Students		In-college four-year graduation rate for entering freshmen	Completed
		In-college four-year graduation rate disparity for URM and/or underserved students (USS)	Completed
		In-college three-year graduation rate for transfers (upper division)	Completed
		In-college three-year graduation rate disparity for URM and/or USS (upper division)	Completed
		Undergraduate Programs with Experiential Learning Component	In Process
		Post Graduation Placement	Not Started
Graduate		Graduate Student Graduation Rates	Not Started
	Students	Graduate Student Graduation Rate Disparity for URM and/or Underserved Students (USS)	Not Started
		Post Graduation Placement	Not Started

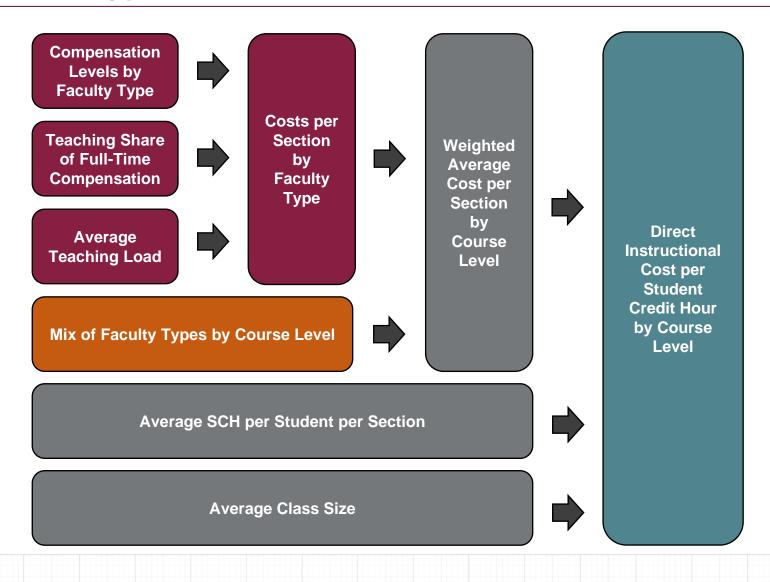
Partnership for an Incentive-Based Budget (PIBB) PIBB 2.0 Prototype's Example College Budget

Metric	U	nit Value	College Goal	Budget
Student Credit Hours				
SCH Baseline				
Lower Division	¦\$	95.50	106,000	\$ 10,123,000
Upper Division	l I	160.25	75,000	12,018,750
Master's Level		314.50	8,000	2,516,000
Doctoral Level	<u> </u>	410.75¦	7,000	2,875,250
SCH Premium (Additive)				
Interdisciplinary SCH's		54.00	150,000	8,100,000
Tech Talent Pipeline, UG SCH's		11.75	10,000	117,500
Enrollment				
Enrollment Baseline	\$	1,460.00	4,600	\$ 6,716,000
Enrollment Premium (Additive)				
Tech Talent Pipeline Majors		110.00	-	-
Research & Scholarship Composite	Calculated separately		ntely	\$ 7,350,000
Total Value of Measured Activity				\$ 49,816,500
Earmarked Allocations				
Special Sessions				\$ 2,000,000
Differential Tuition				10,100,000
Distance Learning Revenues				1,800,000
Total Budget				\$ 63,716,500

Partnership for an Incentive-Based Budget (PIBB)

PIBB 2.0 Prototype's Course Level Instructional Cost Methodology

Diagram modified from Gray Associates article, "What drives curricular efficiency?" https://www.grayassociates.com/blog/what-drives-curricular-efficiency



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DISCUSSION