VIRGINIA COMMONWEALTH
BOARD OF VISITORS
ACADEMIC AND HEALTH AFFAIRS COMMITTEE
March 21, 2022
James Branch Cabell Library
901 Park Avenue – Room 303
RICHMOND, VIRGINIA
& VIRTUAL

MINUTES

COMMITTEE MEMBERS PRESENT
Dr. Gopinath Jadhav, *Co-Chair*
Ms. Coleen Santa-Ana, *Co-chair*
Dr. Tonya Parris-Wilkins, *Vice Chair*
Mr. Edward L. McCoy
Rev. Tyrone E. Nelson
Mr. Stuart C. Siegel
Dr. Shantaram Talegaonkar (virtual)

OTHERS PRESENT
President Michael Rao
Dr. Fotis Sotiropoulos, *Provost and Senior Vice President for Academic Affairs*
Dr. Art Kellermann, *Senior Vice President for Health Sciences and CEO of the VCUHS*
Dr. Charles Klink, *Senior Vice Provost for Student Affairs*
Dr. Tomikia LeGrande, *Vice President for Strategic Enrollment Management and Student Success*
Dr. Aashir Nasim, *Vice President for Inclusive Excellence*
Dr. Srirama Rao, *Vice President for Research and Innovation*
Mr. Jordan Matamoro-Mejias, *Undergraduate Student Representative*
Ms. Anne Skelton, *Graduate Student Representative*
Dr. Valerie Robnolt, *Faculty Representative*
Mr. Christopher McDonald, *Staff Senate Representative*
Ms. Jamie Stillman, *Director of Strategic Communications, Office of the Provost*
Presidential Cabinet of VCU
VCU students, faculty and staff
Member of the Media

CALL TO ORDER
Dr. Gopinath Jadhav, Co-Chair of the Academic and Health Affairs Committee, called the meeting to order at 9:30 p.m.

OPEN SESSION ITEMS

Ms. Jadhav began by asking the committee to consider items for approval.

On a motion duly made and seconded the following items: 1) Minutes of Dec. 10 meeting; 2) Proposal to create a Graduate Certificate in Business Analytics; 3) Proposal to create a Graduate Certificate in Data Science for Management; 4) Proposal to create a Graduate Certificate in Decision Analytics; 5) Proposal to create a Graduate Certificate in Information Risk, Security, and Assurance; 6) Proposal to create a Graduate Certificate in Supply Chain Management; 7) Proposal to create a Graduate Certificate in Health Care Financial Management; 8) Proposal to change the name of the Department of Rehabilitation Counseling to the Department of Rehabilitation and Mental Health Counseling; and 9) Proposal to change the name of the School of Public Health to the School of Population Health were approved by a roll call vote:

Vote	**Ayes**	**Nays**
Ms. Coleen Santa Ana, Co-Chair	X	
Dr. Gopinath R. Jadhav, Co-Chair	X	
Dr. Tonya Parris-Wilkins, Vice Chair	X	
Mr. Edward L. McCoy	X	
Rev. Tyrone Nelson (not available)	--	
Mr. Stuart C. Siegel	X	
Dr. Shantaram Talegaonkar (not available)	--	

The minutes and proposal briefs for each of these items are attached hereto as *Attachment A* and is made a part hereof.

REPORTS

Provost and Senior Vice President for Academic Affairs Fotis Sotiropoulos reported on how VCU is preparing students for the future of work through transformative experiences. A copy of Dr. Sotiropoulos' presentation is attached hereto as *Attachment B* and is made a part hereof.

Dr. Art Kellermann, senior vice president for health sciences and CEO VCU Health, provided provide an update on MCV Campus academic leadership and transformative experiences in health programs. A copy of Dr. Kellerman's update presentation is attached hereto as *Attachment C* and is made a part hereof.

Dr. Sriram Rao, vice president for research and innovation, provided a briefing on the One VCU Research Enterprise, covering numbers of interest and importance including: sponsored funding YTD trends, NSF ranking and comparisons to peer institutions; progress of the One VCU Research Strategic Priorities Plan and its current funding approaches; and technology commercialization benchmarking and current/future global outreach and applications. A copy of Dr. Rao's presentation is attached hereto as *Attachment D* and is made a part hereof.

On motion made and seconded, the Board of Visitors of Virginia Commonwealth University convened a closed session under **Section 2.2-3711(A)(2)** for the discussion or consideration of admission or disciplinary matters or any other matters that would involve the disclosure of information contained in a scholastic record concerning any student of any Virginia public institution of higher education or any state school system, specifically regarding the selection of the Board of Visitor Student Scholarship recipient which requires disclosure of scholastic records. The motion was approved by roll call vote:

Vote	Ayes	Nays
Ms. Coleen Santa Ana, Co-Chair	X	
Dr. Gopinath R. Jadhav, Co-Chair	X	
Dr. Tonya Parris-Wilkins, Vice Chair	X	
Mr. Edward L. McCoy	X	
Rev. Tyrone Nelson	X	
Mr. Stuart C. Siegel	X	
Dr. Shantaram Talegaonkar	X	

Resolution of Certification

BE IT RESOLVED, that the Committee certifies that, to the best of each member's knowledge, (i) only public business matters lawfully exempted from open meeting requirements under this chapter were discussed in the closed meeting to which this certification resolution applies, and (ii) only such public business matters as were identified in the motion by which the closed session was convened were heard, discussed or considered by the Board.

Vote	Ayes	Nays
Ms. Coleen Santa Ana, Co-Chair	X	
Dr. Gopinath R. Jadhav, Co-Chair	X	
Dr. Tonya Parris-Wilkins, Vice Chair	X	
Mr. Edward L. McCoy	X	
Rev. Tyrone Nelson	X	
Mr. Stuart C. Siegel	X	
Dr. Shantaram Talegaonkar	X	

All members present for voting responding affirmatively, the resolution of certification was adopted.

ADJOURNMENT
There being no further business, Dr. Jadhav adjourned the meeting at 10:38 a.m.

Virginia Commonwealth University
Proposed Program Brief

Proposal to create a Graduate Certificate in Business Analytics

Overview

Virginia Commonwealth University (VCU) requests approval to create a 12-credit hour Graduate Certificate in Business Analytics. The purpose of the proposed Graduate Certificate in Business Analytics is to introduce students to the fundamental methods for data management, descriptive analytics, and statistics applied to business problems. Upon completion of the proposed certificate program, students will be able to write advanced SQL statements, create visualizations for data storytelling, and build statistical models for system understanding.

Method of Delivery

The proposed certificate program will be offered in fully online, face-to-face, and hybrid delivery formats.

Target Implementation Date

Fall 2022

Target Population

The intended target audience for the proposed certificate program is people who are interested in leveraging analytics to support decision making, including people currently working as business analysts or data managers.

Impact on Faculty

Faculty appointments in the proposed certificate program are established by the recommendation of the program director, a full-time faculty member in the school. Faculty teaching in the proposed certificate program will hold a doctorate in an appropriate discipline such as business analytics, operations research, decision sciences, statistics, management science, or information systems. Five full-time faculty from the school/college will teach courses in the proposed certificate program. No adjunct faculty will be used to initiate the proposed certificate program.

Funding

The proposed certificate program will be supported by resources already in place to sustain existing academic programs, including student support services (i.e., enrollment services, library support, and career services) and faculty support services (i.e., advising, ALTLab, and CTLE). The graduate program director and administrative staff in the Office of Graduate Programs in the School of Business will actively recruit, maintain and support students in the proposed certificate program. The faculty advisor and administrative staff from the Supply Chain Management and Analytics and Information Systems departments will also provide support for the proposed certificate program. The school faculty will engage in ongoing curriculum development reviews and assessments to ensure the proposed certificate program is kept current with industry trends and market needs. No new faculty or staff positions will be created to support the proposed certificate. The university has sufficient resources to offer and sustain the proposed certificate program.

Next Steps

January 27 - University Council subcommittee on Academic Affairs and University Policies (UCAAUP)
February 3 - University Council Meeting
February 7 - President's Cabinet Meeting
March 21 - Board of Visitors Meeting

Virginia Commonwealth University
Proposed Program Brief

Proposal to create a Graduate Certificate in Data Science for Management

Overview

Virginia Commonwealth University (VCU) requests approval to create a 12-credit hour Graduate Certificate in Data Science for Management. The purpose of the proposed graduate certificate is to educate students for specialized roles utilizing information systems concepts and methodologies. The certificate program will prepare students to effectively and efficiently support information extraction from data and associated data management activities in organizations. Students will learn data management concepts and concepts in information extraction from data, characteristics, methods and associated technologies. Students will also learn the skills to apply methods and technologies effectively in specific business circumstances. Upon completion of the proposed certificate program, graduates will be able to develop efficient and effective data management solutions and solutions related to information extraction from data using appropriate technologies. Graduates will also be able to develop and incorporate changes in the planning and management of data management resources and resources for information extraction from data based on an increased understanding of the dynamic changes in the organization, information systems and global environments.

Method of Delivery

The proposed certificate program will be offered in fully online, face-to-face, and hybrid delivery formats.

Target Implementation Date

Fall 2022

Target Population

The intended target audience for the proposed certificate program is Information Systems professionals who are interested in specializing in information extraction from data and data management activities in organizations.

Impact on Faculty

Faculty appointments in the proposed certificate program are established by the recommendation of the program director, a full-time faculty member in the School of Business. Faculty teaching in the proposed certificate program will hold a doctorate in Information Systems or closely related field.

Funding

The proposed certificate program will be supported by resources already in place to sustain existing academic programs, including student support services (i.e., enrollment services, library support and career services) and faculty support services (i.e., advising). The graduate program director and administrative staffs in the Office of Graduate Programs in the School of Business will actively recruit, maintain and support students in the proposed certificate program. The faculty advisor and administrative staff from the Department of Information Systems will also provide support for the proposed certificate program. The school faculty will engage in ongoing curriculum development reviews and assessments to ensure the proposed certificate program is kept current with industry trends and market needs. No new faculty or staff positions will be created to support the proposed certificate. The university has sufficient resources to offer and sustain the proposed certificate program.

Next Steps

January 27 - University Council subcommittee on Academic Affairs and University Policies (UCAAUP)
February 3 - University Council Meeting
February 7 - President's Cabinet Meeting
March 21 - Board of Visitors Meeting

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Virginia Commonwealth University
Proposed Program Brief

Proposal to create a Graduate Certificate in Decision Analytics

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Overview

Virginia Commonwealth University (VCU) requests approval to create a 12-credit hour Graduate Certificate in Decision Analytics. The purpose of the proposed Graduate Certificate in Decision Analytics is to introduce students to the fundamental methods for machine learning and prescriptive analytics applied to business problems. Upon completion of the proposed certificate program, students will be able to create machine learning models to make predictions, create a quantitative framework for reconciling input from a variety of experts, create and use an optimization model for calculating decisions that achieve an objective subject to constraints, and generate forecasts using time series methods.

Method of Delivery

The proposed certificate program will be offered in fully online, face-to-face, and hybrid delivery formats.

Target Implementation Date

Fall 2022

Target Population

The intended target audience for the proposed certificate program is individuals interested in applying analytics to support decision making, including people currently working as business analysts or data managers.

Impact on Faculty

Faculty appointments in the proposed certificate program are established by the recommendation of the program director, a full-time faculty member in the school. Faculty teaching in the proposed certificate program will hold a doctorate in an appropriate discipline such as business analytics, operations research, decision sciences, statistics, management science, or information systems. Five full-time faculty from the school/college will teach courses in the proposed certificate program. No adjunct faculty will be used to initiate the proposed certificate program.

Funding

The proposed certificate program will be supported by resources already in place to sustain existing academic programs, including student support services (i.e., enrollment services, library support, and career services) and faculty support services (i.e., advising, ALTLab, and CTLE). The graduate program director and administrative staff in the Office of Graduate Programs in the School of Business will actively recruit, maintain and support students in the proposed certificate program. The faculty advisor and administrative staff from the Supply Chain Management and Analytics and Information Systems departments will also provide support for the proposed certificate program. The school faculty will engage in ongoing curriculum development reviews and assessments to ensure the proposed certificate program is kept current with industry trends and market needs. No new faculty or staff positions will be created to support the proposed certificate. The university has sufficient resources to offer and sustain the proposed certificate program.

Next Steps

January 27 - University Council subcommittee on Academic Affairs and University Policies (UCAAUP)
February 3 - University Council Meeting
February 7 - President's Cabinet Meeting
March 21 - Board of Visitors Meeting

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Virginia Commonwealth University
Proposed Program Brief

Proposal to create a Graduate Certificate in Information Risk, Security, and Assurance

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Overview

Virginia Commonwealth University (VCU) requests approval to create a 12-credit hour Graduate Certificate in Information Risk, Security, and Assurance. The purpose of the proposed graduate certificate is to educate students for specialized roles involving computer and information systems security concepts, methodologies, and tools to support cybersecurity and associated activities in organizations. Students will learn information cyber risk, cybersecurity, and information assurance concepts, methods, and tools. Students will also learn the skills to apply methods and technologies in specific business scenarios. Upon completion of the proposed certificate program, graduates will be able to develop information systems risk, security and assurance policies and procedures using appropriate frameworks and technologies to secure data and information assets within an organization. Graduates will be able to develop and incorporate changes in the information cybersecurity organizational resources based on understanding of the dynamic changes in the operational environment, information systems, and global environments.

Method of Delivery

The proposed certificate program will be offered in fully online, face-to-face, and hybrid delivery formats.

Target Implementation Date

Fall 2022

Target Population

The intended target audience for the proposed certificate program is information systems professionals who are interested in specializing in information risk, security and assurance activities in organizations.

Impact on Faculty

Faculty appointments in the proposed certificate program are established by the recommendation of the program director, a full-time faculty member in the school. Faculty teaching in the proposed certificate program will hold a doctorate in Information Systems or closely related fields. Three full-time faculty from the school will teach courses in the proposed certificate program. Two adjuncts will be used to initiate the proposed certificate program.

Funding

The proposed certificate program will be supported by resources already in place to sustain existing academic programs, including student support services (i.e., enrollment services, library support, and career services) and faculty support services (i.e., advising, ALTLab, and CTLE). The graduate program director and administrative staffs in the Office of Graduate Programs in the School of Business will actively recruit, maintain and support students. The faculty advisor and administrative staff from the Department of Information Systems will also provide support for the proposed certificate program. The school faculty will engage in ongoing curriculum development reviews and assessments to ensure the proposed certificate program is kept current with industry trends and market needs. No new faculty or staff positions will be created to support the proposed certificate. The university has sufficient resources to offer and sustain the proposed certificate program.

Next Steps

January 27 - University Council subcommittee on Academic Affairs and University Policies (UCAAUP)
February 3 - University Council Meeting
February 7 - President's Cabinet Meeting
March 21 - Board of Visitors Meeting

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Virginia Commonwealth University
Proposed Program Brief

Proposal to create a Graduate Certificate in Supply Chain Management

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Overview

Virginia Commonwealth University (VCU) requests approval to create a 12-credit hour Graduate Certificate in Supply Chain Management. The purpose of the proposed certificate is to provide the foundational understanding of the functionality and associated complexities related to managing global supply chains. A major emphasis is on the strategic decisions that are explored given the inherent tradeoffs and risks embedded in the decision framework. Students will explore a myriad of topics the cover the gamut of supply-chain activities encompassing the entirety of a complete supply chain including inbound logistics, internal operations, and outbound logistics. Upon completion of the proposed certificate program, graduates will be capable of examining complex supply-chain problems through a variety of lenses and making informed decisions aimed at enhancing organizational performance.

Method of Delivery

The proposed certificate program will be offered in fully online, face-to-face, and hybrid delivery formats.

Target Implementation Date

Fall 2022

Target Population

The target audience for the proposed certificate includes working professionals from business and industry who wish to supplement their undergraduate degree with focused, graduate level courses in supply chain management to make more informed decisions to improve organizational performance.

Impact on Faculty

Faculty appointments in the proposed certificate program are established by the recommendation of the program director, a full-time faculty member in the school. Faculty teaching in the proposed certificate program will hold a doctorate in an appropriate discipline such as operations management, supply chain management, or equivalent.

Funding

The certificate program will be supported by resources already in place to sustain existing academic programs, including student support services (i.e., enrollment services, library support and career services) and faculty support services (i.e., advising). The certificate program director and faculty advisors will actively recruit, maintain and support students in the certificate program. Administrative staff from the Supply Chain Management and Analytics department will also provide support for the certificate program. No new faculty or staff positions will be created to support the proposed certificate program. The university has sufficient resources to offer and sustain the proposed certificate program.

Next Steps

January 27 - University Council subcommittee on Academic Affairs and University Policies (UCAAUP)
February 3 - University Council Meeting
February 7 - President's Cabinet Meeting
March 21 - Board of Visitors Meeting

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Virginia Commonwealth University
Proposed Program Brief

Proposal to create a Graduate Certificate in Health Care Financial Management

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Overview

Virginia Commonwealth University (VCU) requests approval to create a 15-credit hour Graduate Certificate in Health Care Financial Management. The purpose of the proposed program is to prepare students to participate in the financial management of health care organizations. Students will learn how to analyze and interpret financial information specific to health care organizations and systems. Students will also learn concepts and techniques that inform financial decision making. Coursework will enable students to conduct the financial aspects of management within a health care organization. The proposed certificate program will prepare students to sit for the Healthcare Financial Management Association (HFMA)'s Certified Healthcare Financial Professional (CHFP) examination. The curriculum will train students in a broad range of financial management skills including interpretation of financial statement, financial management and control, reimbursement systems and use of financial capital.

Method of Delivery

All courses for the proposed certificate program will be conducted in a hybrid format.

Target Implementation Date

Fall 2022

Target Population

The primary target population for the proposed certificate program is individuals currently working in health care organizations (e.g., administrators, physicians, dentists, nurses, pharmacists). The certificate will also target current students in Master of Science in Health Administration (MSHA) and Master of Health Administration (MHA) programs who would like to extend their understanding of financial management beyond the content currently offered in those degree programs.

Impact on Faculty

Faculty members teaching courses will have appointments in the Department of Health Administration and/or other departments in the College of Health Professions. All faculty teaching in the proposed certificate program will meet the minimum requirements for faculty as determined by the home departments. No new faculty positions will be created.

Funding

Resources required to support the proposed certificate program include existing resources to support current programs such as student support services (e.g., enrollment, help desk, and library), faculty support services (e.g., copying and contracts), and general administration (e.g., budgeting and forecasting). The proposed certificate program will have a Program Coordinator who is a staff member within the Department of Health Administration. No new positions will be created to initiate and sustain the proposed certificate program. The university has adequate resources to offer and sustain the proposed certificate program.

Next Steps

January 27 - University Council subcommittee on Academic Affairs and University Policies (UCAAUP)
February 3 - University Council Meeting
February 7 - President's Cabinet Meeting
March 21 - Board of Visitors Meeting

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Virginia Commonwealth University
Proposed Organizational Change Brief

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Proposal

Virginia Commonwealth University (VCU) requests permission to change the name of the Department of Rehabilitation Counseling to the Department of Rehabilitation and Mental Health Counseling. The department is located in the College of Health Professions. This change will be in name only and will not impact the organizational structure of the university or the college.

Overview

The purpose of the proposed organizational change is to change the name of the department to better reflect the academic programs, the department's focus, goals, and the department's long history of educating both mental health and rehabilitation counseling clinicians.

The proposed name change will provide a more accurate description of the department's comprehensive approach to disability, rehabilitation, and mental health services. The proposed name is needed and will help the department in four ways: Consistent branding between the department name and the degree programs, reduced confusion among prospective students seeking a field for study, alignment with accreditation changes, and accurate representation of the breadth of work in the department.

Impact on Existing Programs/Policies

The proposed name change will not impact curricular offerings in the department. No degree programs will relocate to the department as a result of the proposed name change. There will be no changes to the degree programs as a result of the proposed name change.

Impact on Faculty

The proposed change is in name only. There will be no positions added, changed, or eliminated.

Funding

There will be an initial expenditure of $2,500.00 to be utilized for the purchasing of stationary, brochures, business cards, and signage (internal to the building) associated with the proposed name change. This cost will be funded by the department. No additional expenses are required to implement the proposed name change. No new positions will be needed to implement the name change. Department administration, administrative support, and space will not be changed by the proposed name change. Virginia Commonwealth University and the College of Health Professions have sufficient resources for the proposed change to the department's name. No new resources will be requested from the state to initiate or sustain the organizational change to rename the Department of Rehabilitation Counseling to the Department of Rehabilitation and Mental Health Counseling.

Next Steps

January 27 - University Council subcommittee on Academic Affairs and University Policies (UCAAUP)
February 3 - University Council Meeting
February 7 - President's Cabinet Meeting
March 21 - Board of Visitors Meeting

Virginia Commonwealth University
Proposed Organizational Change Brief

<u>**Overview**</u>
In December 2021, Virginia Commonwealth University (VCU) received approval by the VCU Board of Visitors and VCU Health Board of Directors to establish a School of Public Health. Shortly thereafter, the proposal was submitted to the State Council of Higher Education for Virginia (SCHEV) with plans to initiate the accreditation process with the Council on Education for Public Health (CEPH) in the following months.

Since that time, CEPH has informed VCU that we may not establish a school under the name of "Public Health" until we have initiated our accreditation process and been granted such authority by CEPH. Consequently, VCU has prepared a revised proposal identical to the first with one exception: the proposed name for the school will be a *School of Population Health*. This temporary change will allow the university to establish a stand-alone school with the support of SCHEV, while the university prepares the necessary application to initiate the CEPH accreditation process.

When CEPH approves elevation of VCU's longstanding public health program to the status of a free-standing School of Public Health, the University will request that SCHEV approve a change of the school's name from "population health" to "public health."

Knowing all other tenets, including organization and financing of the proposal school, are unchanged, and the name *School of Population Health* is the consensus choice of the affected faculty, VCU seeks the approval of the VCU Board of Visitors and VCU Health Board of Directors to establish a stand-alone *School of Population Health*.

<u>**Next Steps**</u>
March 3: University Council subcommittee on Academic Affairs and University Policies (UCAAUP)
March 3: University Council Meeting
Electronic Vote: President's Cabinet Meeting
March 21: VCU Board of Visitors Meeting
March 22/23: VCU Health System Board of Directors

Transformative experiences bridge the gap between the classroom and the real-world and empower students to develop skills that are reinforced by mentorship and critical reflection.

Biology professor Dan Carr (left) leading a four-week summer course at VCU called "Footprints on the James." The course explores the history and biology of the James River watershed.

Work-based and problem-based learning promote the integration and development of theoretical content and real-world skills that prepare students for their careers.

Work-based
Internship | Field experience | Practicum/Clinical
Cooperative Education

Problem-based
Capstone | Research | Lab experience | Project-based learning
Independent study | Interprofessional collaboration
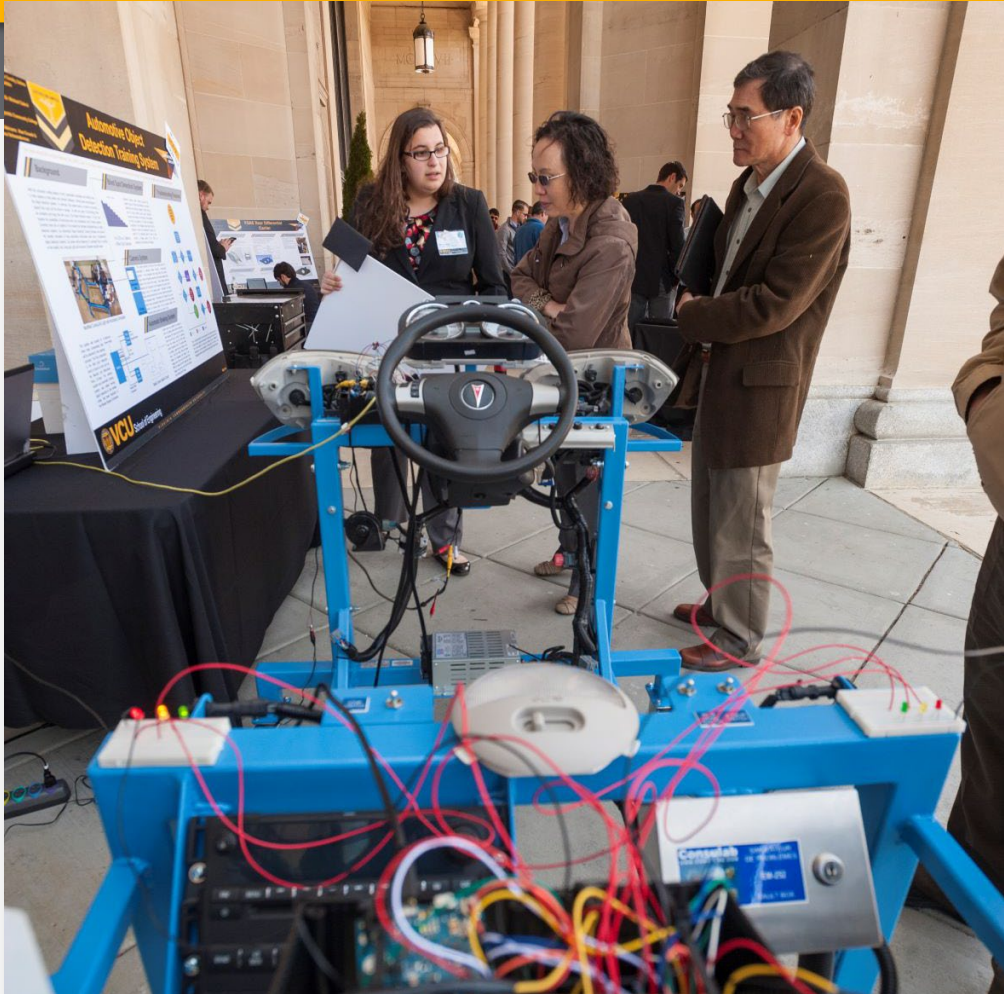Entrepreneurship/ Innovation

Other
See appendix for other experiential and applied learning experiences.

These transformative experiences translate to students being prepared for the future of work.

Current state – Undergraduate Programs

VCU has a gap in programs that require transformative experiences. Many have it as an option.

Research Week Senior Engineering Expo, Salima Fenaoui, explains her group's Automobile Object Detective Training System.

Of the 164 undergraduate programs and concentrations, 52% require transformative experiences.

The breakdown by type is as follows:
    both problem and work-based learning: 11%
    problem-based only: 35%
    work-based only: 6%

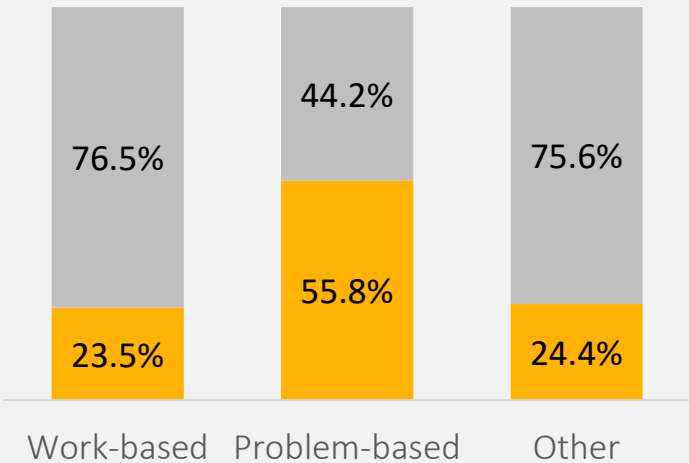# Current state – Recently Graduated Students

Recently graduated students who participated in transformative experiences provides
a baseline for measuring progress toward the goal of 100% participation.

% of recent baccalaureate degree earners who did or did not participate in a transformative experience in their coursework

Spring 2020 – 61.3% of graduates participated in a transformative experience
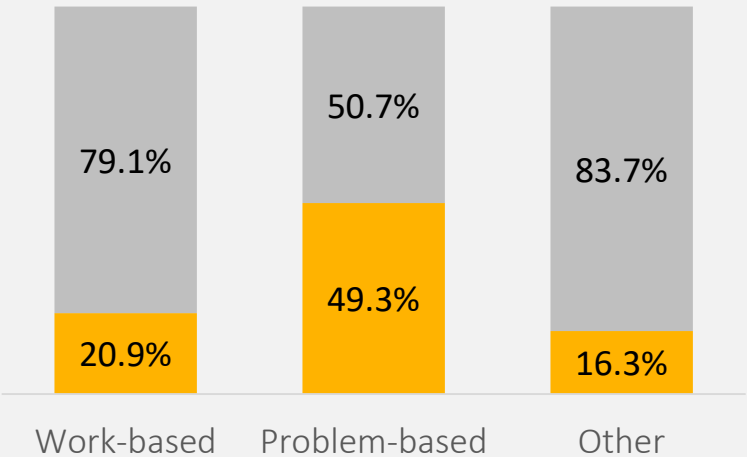
Spring 2021 – 69.8% of graduates participated in a transformative experience

Spring 2020

	Work-based	Problem-based	Other
Did not participate	79.1%	50.7%	83.7%
Participated	20.9%	49.3%	16.3%

Spring 2021

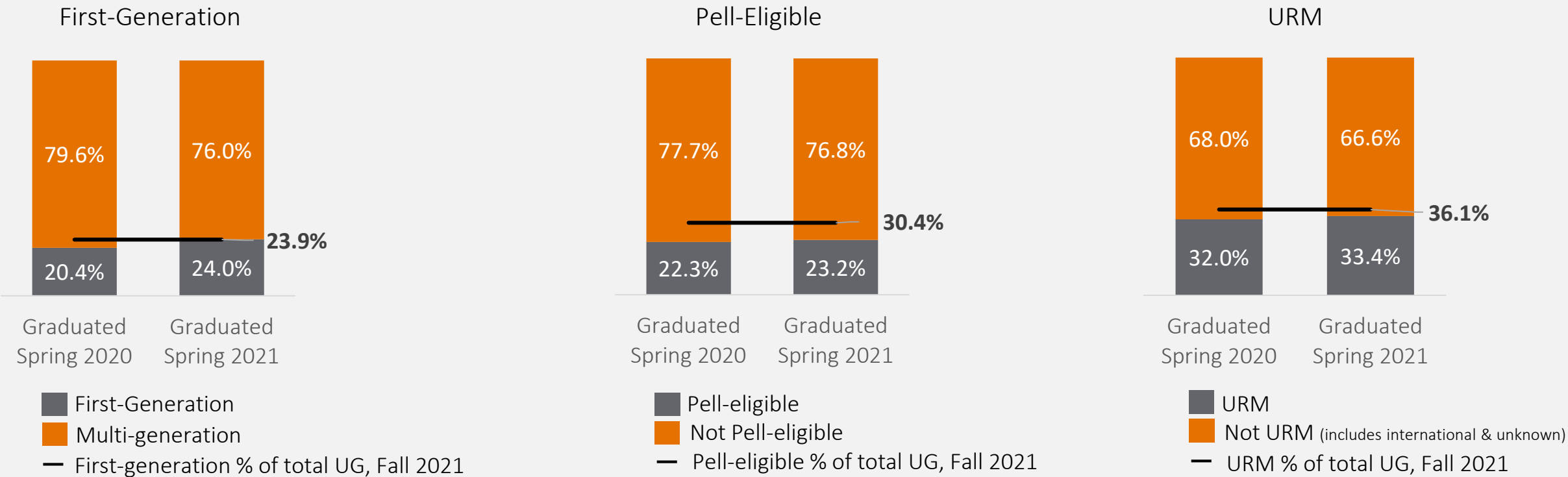|	Work-based	Problem-based	Other
Did not participate	76.5%	44.2%	75.6%
Participated	23.5%	55.8%	24.4%

■ Participated in transformative experiences ■ Did not participate in transformative experiences

Students may participate in more than one type of transformative experience.

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Current state – Recently Graduated Students

Traditionally underrepresented populations are not participating in transformative experiences at the same rates as their majority peers.

Demographics of recent baccalaureate degree earners who completed a transformative experience in their coursework

First-Generation

	Graduated Spring 2020	Graduated Spring 2021
Multi-generation	79.6%	76.0%
First-Generation	20.4%	24.0%

First-generation % of total UG, Fall 2021: **23.9%**

Legend:
- First-Generation
- Multi-generation
- — First-generation % of total UG, Fall 2021

Pell-Eligible

	Graduated Spring 2020	Graduated Spring 2021
Not Pell-eligible	77.7%	76.8%
Pell-eligible	22.3%	23.2%

Pell-eligible % of total UG, Fall 2021: **30.4%**

Legend:
- Pell-eligible
- Not Pell-eligible
- — Pell-eligible % of total UG, Fall 2021

URM

	Graduated Spring 2020	Graduated Spring 2021
Not URM	68.0%	66.6%
URM	32.0%	33.4%

URM % of total UG, Fall 2021: **36.1%**

Legend:
- URM
- Not URM (includes international & unknown)
- — URM % of total UG, Fall 2021

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OUR GOAL FOR 2027-28

Scale access and opportunities so that every student has a transformative experience. **Strategies designed to address barriers will create required curriculum that aids social mobility for our diverse student population.**

PROGRAMS

100%

undergraduate programs and concentrations that require transformative experiences

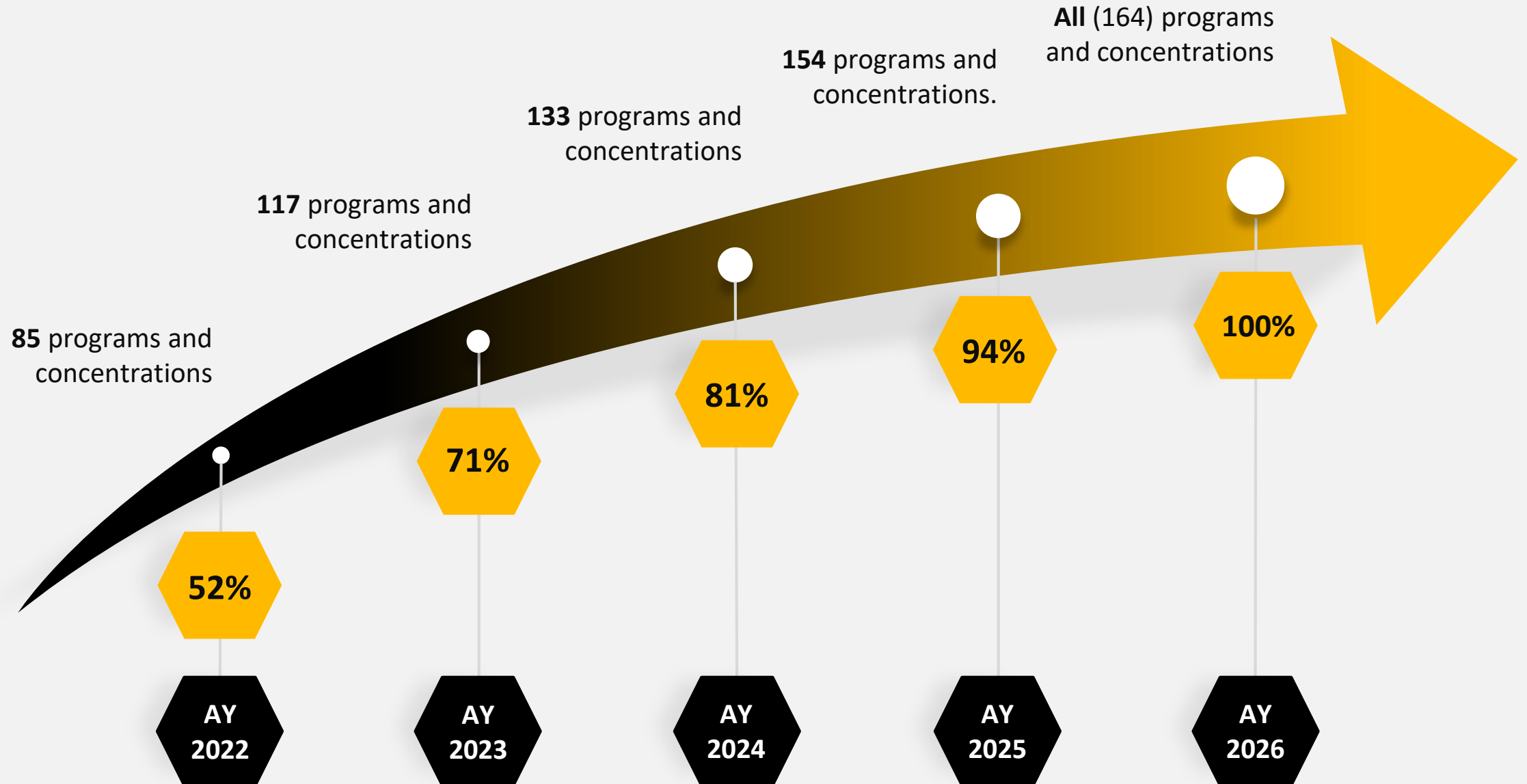## ACCESS

Close the equity gap

equitable participation

OUTCOMES

70%

baccalaureate degree earners employed full-time and/or continuing education

Path to Transformative Learning Experiences for VCU

Undergraduate Programs and Concentrations

All (164) programs and concentrations

154 programs and concentrations.

133 programs and concentrations

117 programs and concentrations

85 programs and concentrations

52%

71%

81%

94%

100%

AY 2022

AY 2023

AY 2024

AY 2025

AY 2026

While fighting Omicron, VCU Health launched EPIC and 2 days later, opened our Adult Outpatient Pavilion and a new ambulatory surgery center at VCU Short Pump

Epic Go-live 12-4-21

AOP opening 12-6-21
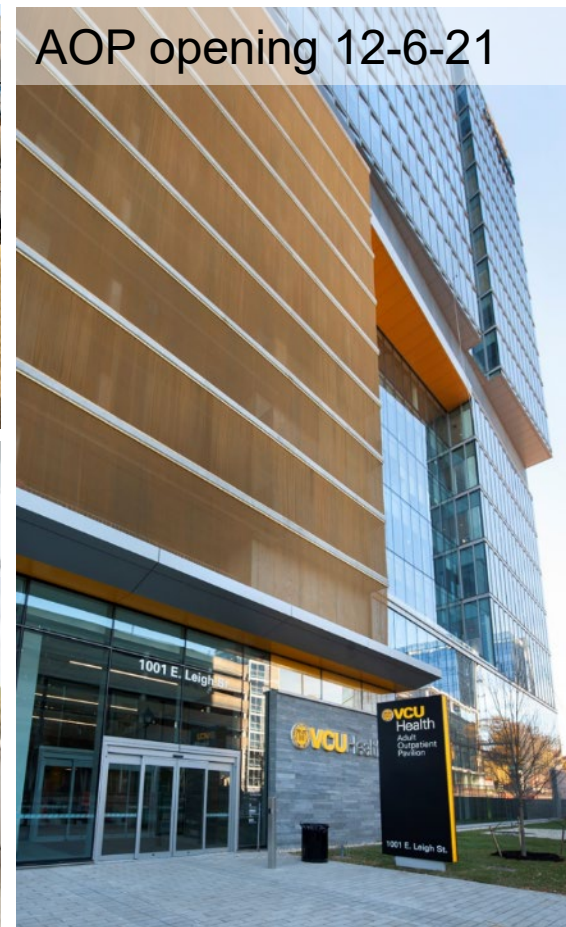
Short Pump Pavilion ASC 12-6-21

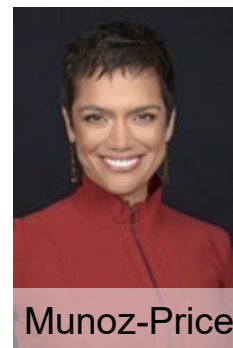2/14/22 TJC accreditation

New leaders

Chelmow

Cooper
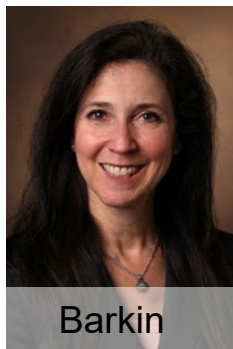
Barkin

Ogbonna

Munoz-Price

Roussos

Seigel

Jenkins

- **David Chelmow, MD**, serving as Interim Dean, School of Medicine
- **Lyndon Cooper, DDS, PhD**, is inbound as Dean, School of Dentistry
- **Shari Barkin, MD, MSHS**, inbound as Chair, Department of Pediatrics and Physician-In-Chief of CHoR
- **KC Ogbonna, Pharm.D**., **MSHA** will become interim Dean, School of Pharmacy
- **Silvia Munoz-Price, MD, PhD**, Chief Quality and Safety Officer, VCU Health
- **Mike Roussos**, our new President, VCU Medical Center
- **James Seigel**, **CPA, CIA,** appointed Chief Financial Officer of VCU Health
- **Brian Jenkins**, **MHA, JD** is VCU Health's first Chief Real Estate Officer

VCU Health™
VCU Health System Authority

Historic $104 million gift to the Stravitz-Sanyal Institute for Liver Disease and Metabolic Health

Health Impact Pyramid
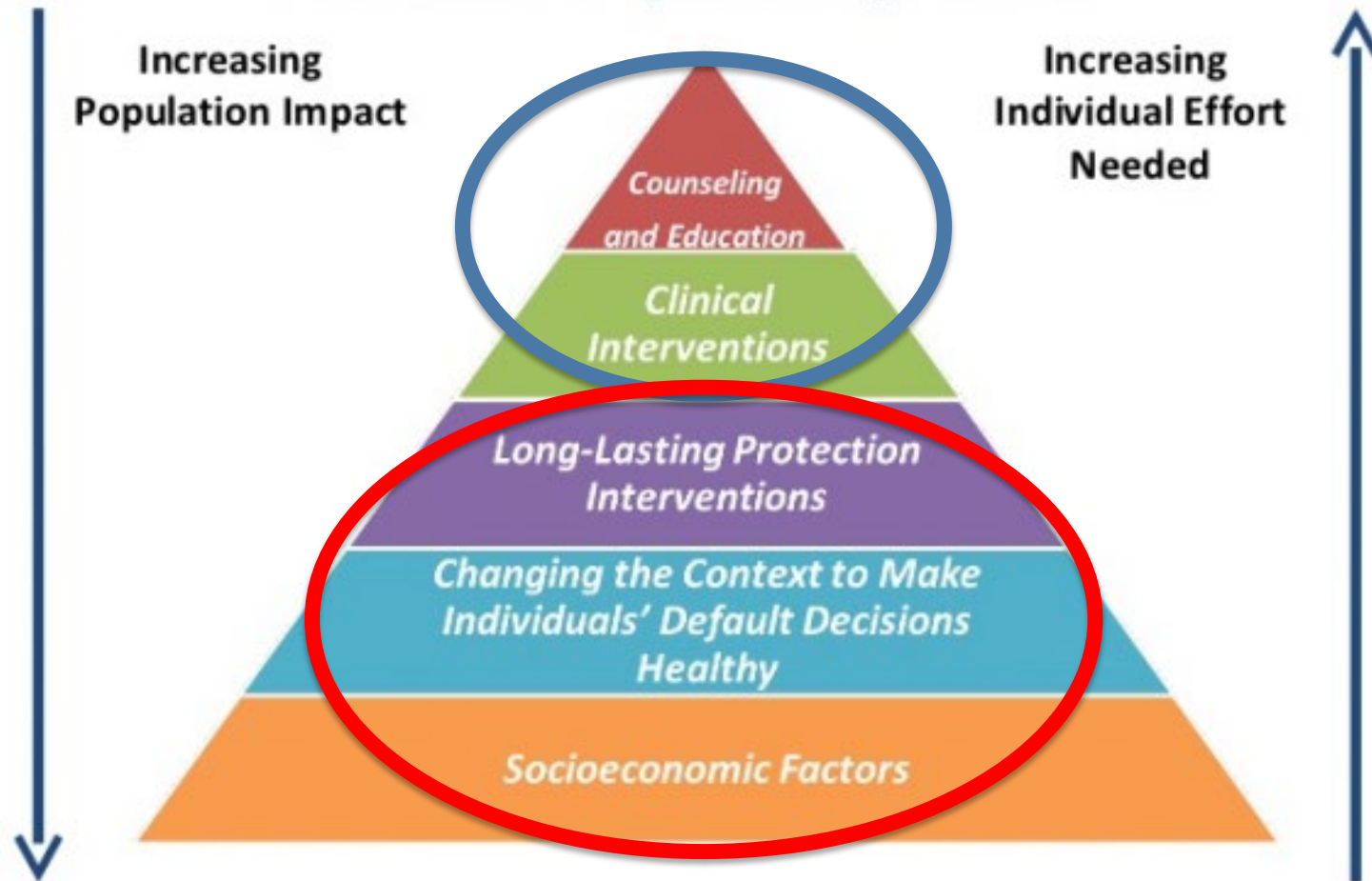
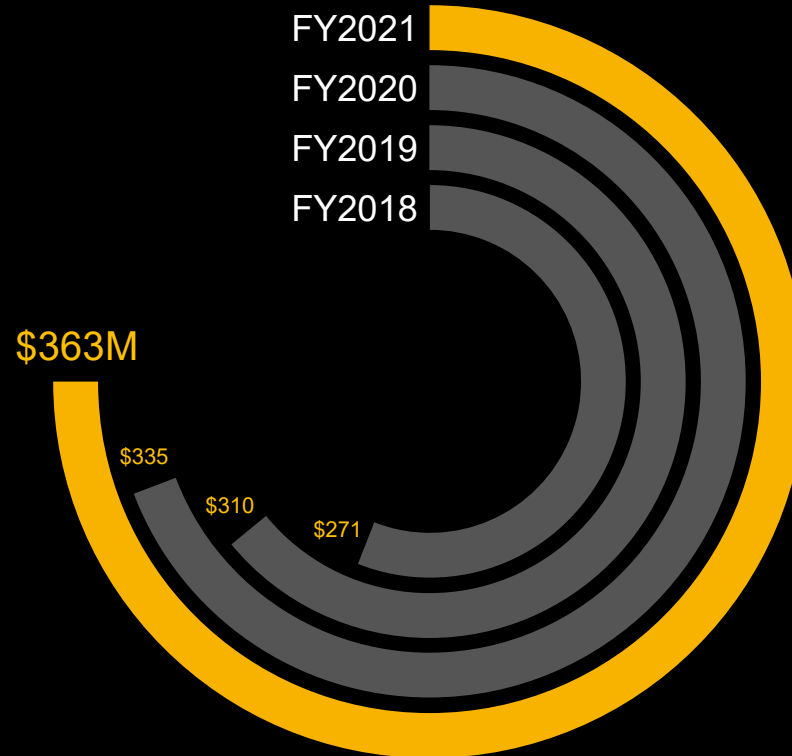Frieden T. American Journal of Public Health | April 2010, Vol 100, No. 4

One VCU Research Enterprise Briefing

P. Srirama Rao, Ph.D., Vice President for Research and Innovation | March 21, 2022

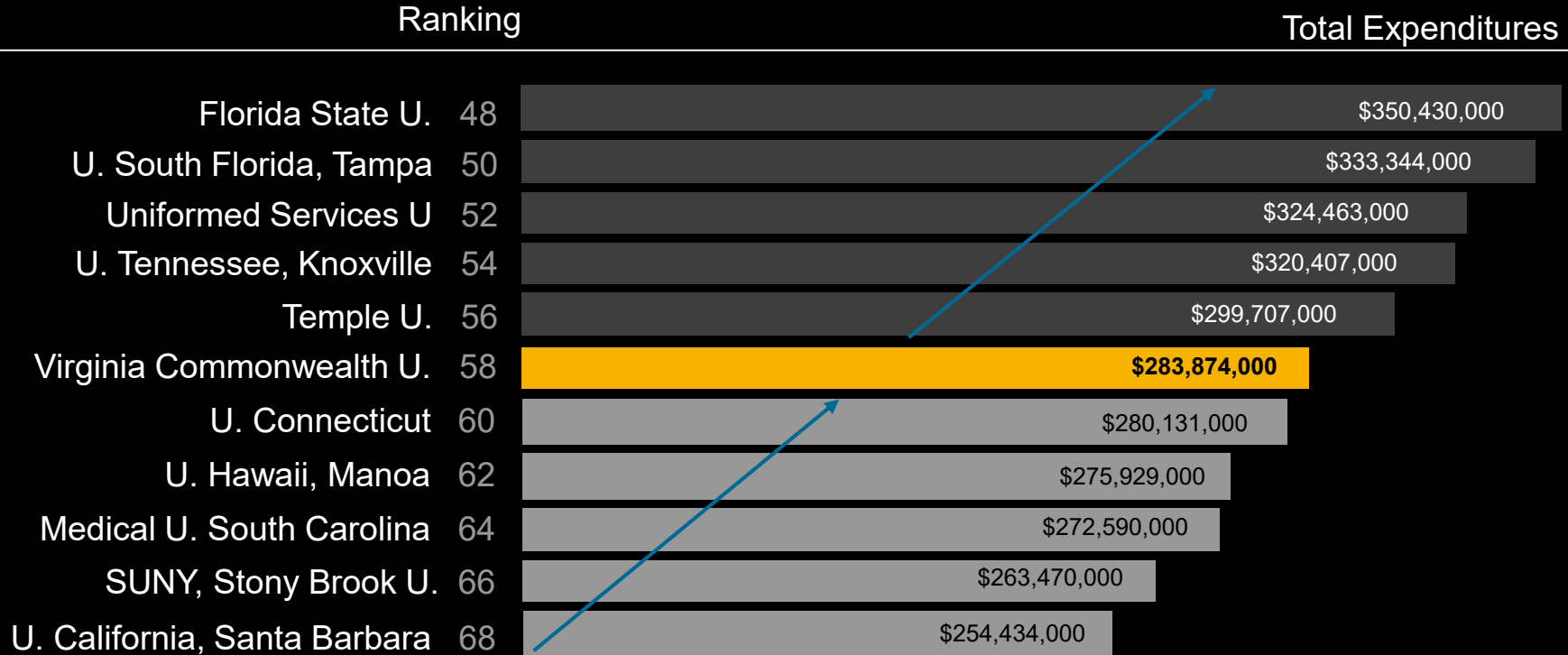# Virginia Commonwealth University is built for breakthroughs

$363M
in combined awards for sponsored research
8% over last year

#58
public research university
NSF ranking |Top 3 in Virginia
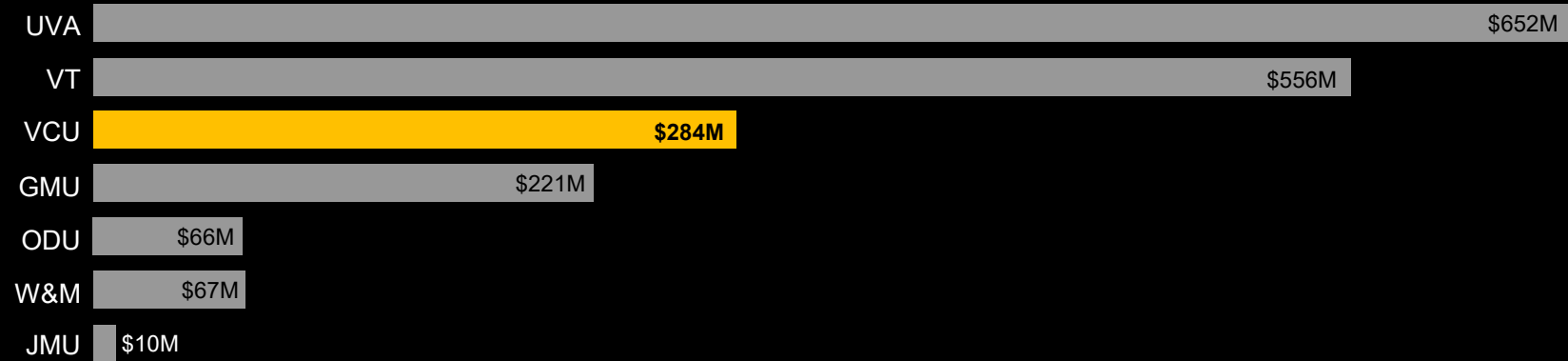
FY2020 NSF HERD Ranking and Expenditures

	Ranking		Total Expenditures
Florida State U.	48		$350,430,000
U. South Florida, Tampa	50		$333,344,000
Uniformed Services U	52		$324,463,000
U. Tennessee, Knoxville	54		$320,407,000
Temple U.	56		$299,707,000
Virginia Commonwealth U.	58		**$283,874,000**
U. Connecticut	60		$280,131,000
U. Hawaii, Manoa	62		$275,929,000
Medical U. South Carolina	64		$272,590,000
SUNY, Stony Brook U.	66		$263,470,000
U. California, Santa Barbara	68		$254,434,000

FY2021 External Sponsored Funding vs. Research Expenditures for Virginia Institutions

Awards

Institution	Amount
UVA	$437M
VCU	**$363M**
VT	$349M
GMU	$188M
ODU	$57M
W&M	$31M
JMU	$23M

Expenditures

Institution	Amount
UVA	$652M
VT	$556M
VCU	**$284M**
GMU	$221M
ODU	$66M
W&M	$67M
JMU	$10M

VCU Sponsored Funding - YTD Trends
FY2020-22, by Sponsor

|		2020	2021	2022
		$185,631,538	**$195,176,078**	**$232,448,825**
Federal	**Total**	**$117,774,613**	**$113,632,292**	**$121,213,958**
	National Institutes of Health	$58,660,228	$56,049,007	$57,733,172
	Department of Defense	$16,819,290	$10,139,182	$10,523,956
	Other Federal	$12,632,391	$14,240,862	$15,335,273
	College/University	$6,945,989	$9,396,699	$9,006,596
	National Science Foundation	$6,138,574	$4,679,774	$5,476,569
	Nuclear Regulatory Commission	$448,293		
Industry	**Total**	**$22,306,097**	**$36,262,219**	**$55,205,957**
	Industry	$22,306,097	$36,262,219	$55,205,957
State	**Total**	**$27,972,396**	**$28,180,334**	**$31,907,045**
	State VA	$26,869,471	$27,000,326	$30,505,818
	Other State		$1,180,008	$1,401,227
	Local VA	$1,022,245		
	State Non-VA	$72,695		
	Local Non-VA	$7,985		
Other	**Total**	**$17,578,432**	**$17,101,232**	**$24,121,864**
	Non-Profit	$17,311,556	$17,101,232	$24,056,864
	Foreign Government	$30,000	$0	$65,000

VCU Sponsored Funding - YTD Trends
FY2020-22, by Unit

		2020	2021	2022
VCU Grand Total		**$185,631,538**	**$195,176,078**	**$232,448,825**
Health Sciences Campus	**Total**	**112,084,498**	**111,183,227**	**152,920,838**
	Medicine	93,492,381	91,709,783	103,524,509
	VP for Health Sciences (Incl. MCC)	5,271,483	7,128,612	28,550,248
	Pharmacy	6,266,886	4,823,509	6,353,515
	College of Health Professions	3,415,116	3,401,167	5,336,688
	Dentistry	2,866,501	2,756,860	4,114,684
	Nursing	772,131	1,363,296	5,041,195
Monroe Park Campus	**Total**	**70,375,438**	**79,253,303**	**74,415,660**
	Education	32,092,818	33,374,544	29,879,979
	Engineering	16,056,103	26,010,347	26,804,902
	Humanities and Sciences	19,753,340	17,180,749	15,694,361
	Social Work	1,025,836	991,535	1,169,223
	Wilder School of Government and Public Affairs	972,017	896,792	629,184
	Business	114,163	817,118	178,011
	The Arts	361,161	-17,782	60,000
Provost	**Total**	**2,113,413**	**3,058,619**	**2,467,561**
	VP for Academic Affairs	901,898	2,069,876	1,340,811
	Provost Office	426,506	548,743	642,582
	VP for Student Services	687,476	440000	456,460
	Community Programs	97,533	0	27,708
Other	**Total**	**1,058,189**	**1,680,929**	**2,644,766**
	VP for Research and Innovation (Incl. Wright Center)	951,189	1,581,576	2,625,703
	VP for Finance and Administration	107,000	99,353	19,063
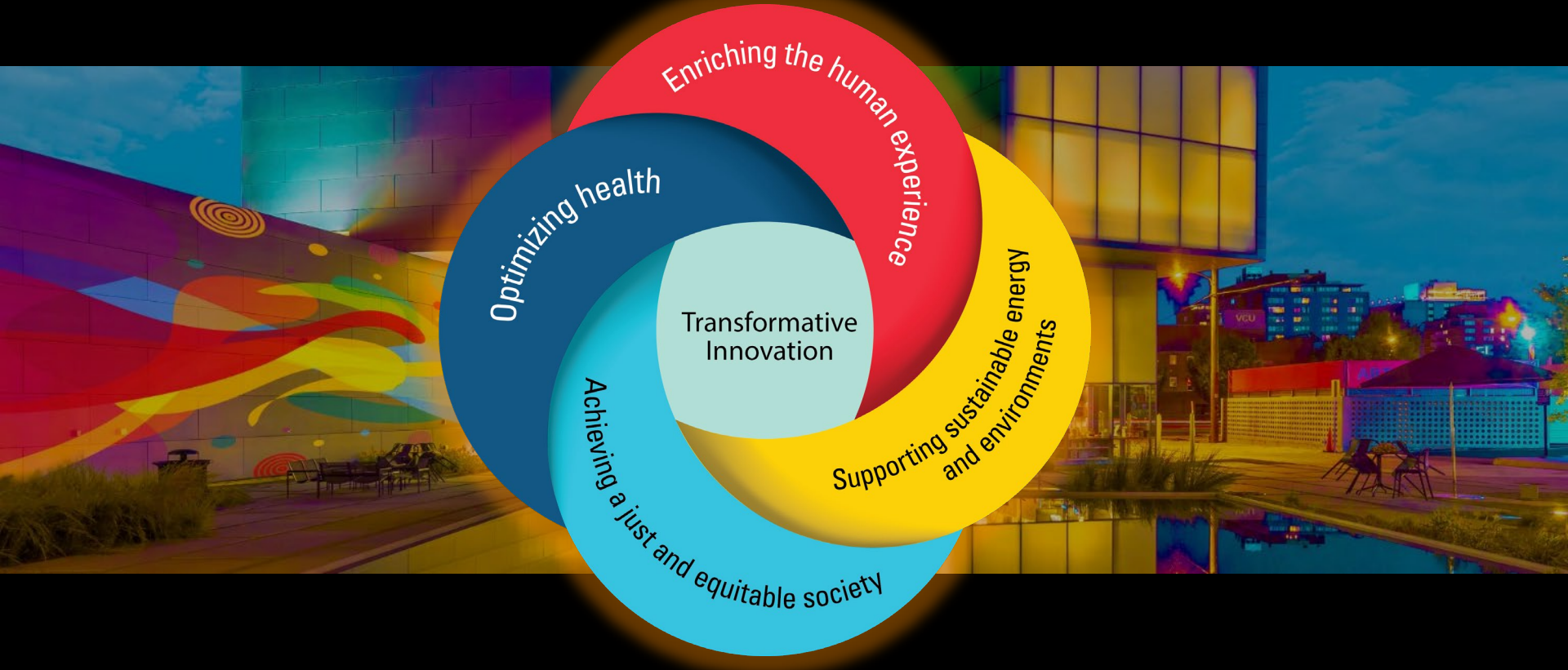
One VCU Research Strategic Priorities Plan
Phase 1: Current Investment Strategy
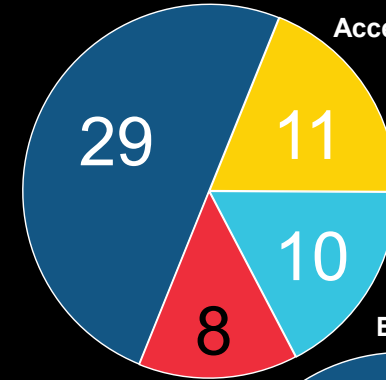
Arts, Humanities, Social Sciences Fund: $100K

Commercialization Fund: $0.5M

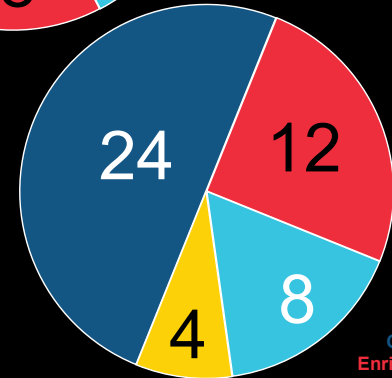Quest Fund (Seed): $1M

Accelerate Fund (Interdisciplinary): $1.5M

VCU Breakthroughs Fund (Transdisciplinary): $2.5M

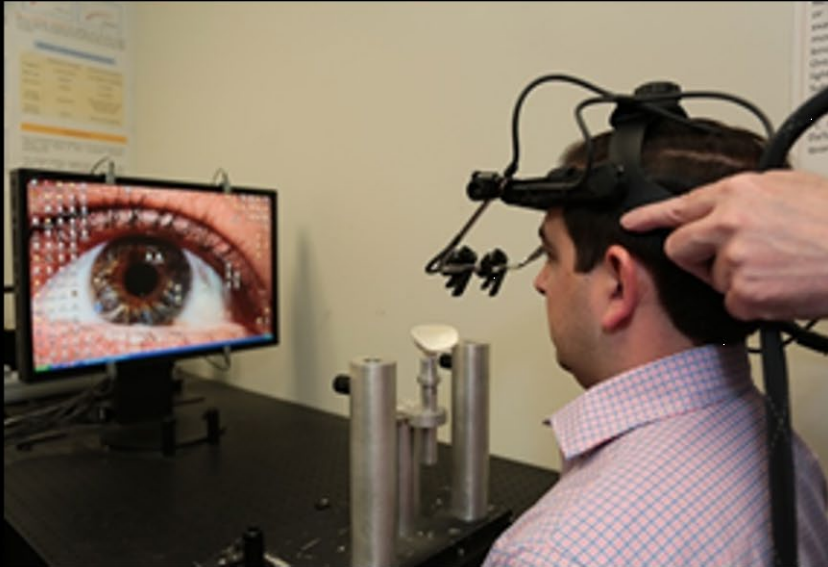State of the Art Equipment Fund (HEETF): $5.5M

Accelerate Fund: 58 Applications

29 11 10 8

= 106 total

Breakthroughs Fund: 48 LOIs

24 12 8 4

Optimizing Health
Enriching the Human Experience
Achieving a Just and Equitable Society
Supporting Sustainable Energy and Environments

oneVCU | RESEARCH

Technology Commercialization:
Bringing ideas to life

- **$30+ million** in licensing revenue
- **$70 million** in startup funding
- **1,200+** invention disclosures
- **1,500+** patents filed
- **172** licenses/options
- **192** patents issued

One VCU Research has global impact

VCU

vcuarts QATAR

Note: the colored lines indicate VCU publications (abstracts, books, book chapters), clinical trials, conference proceedings, and sponsored awards from the early 2000s to present.

oneVCU | RESEARCH

Research Excellence at VCUarts Qatar

In February 2022, I visited the campus with Provost, Dr. Fotis Sotiropoulos where we met with Dean Amir Berbic, Associate Dean for Research Diane Derr, and researchers from labs at VCUarts Qatar.

VCUarts Qatar is a hub for multi-disciplinary and cross-institutional research collaborators in the following key areas of excellence:

Emergent technologies

Material studies

Advancing pedagogies

Cultural heritage

Visual cultures

One VCU Research can shape the future