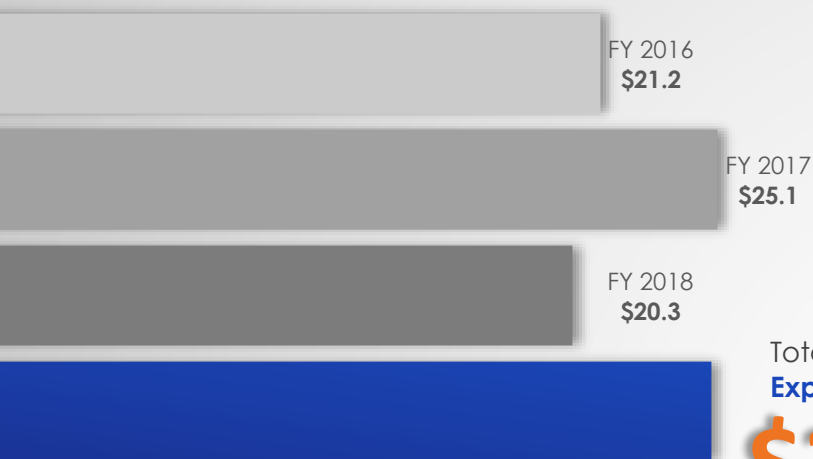


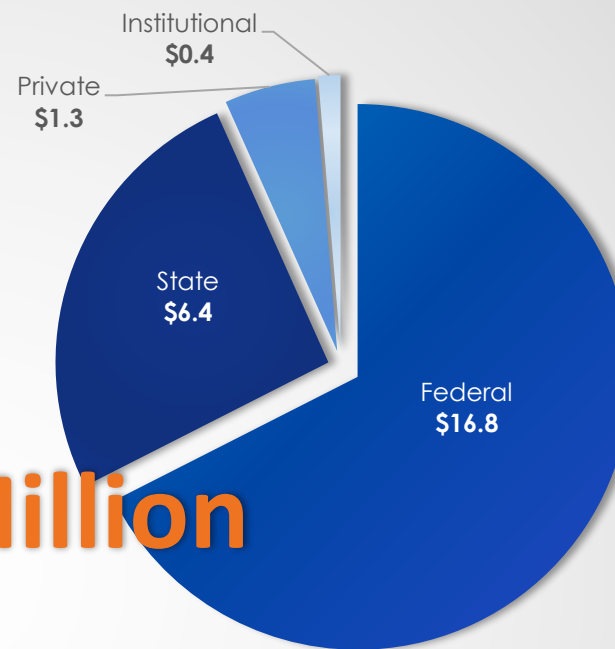


RESEARCH & ECONOMIC DEVELOPMENT AT-A-GLANCE



Total **Research Expenditures** for FY2019

\$24.9 Million



\$354M

Richmond MSA
Economic Impact



\$76K

Expenditures **Per Full-Time Faculty**



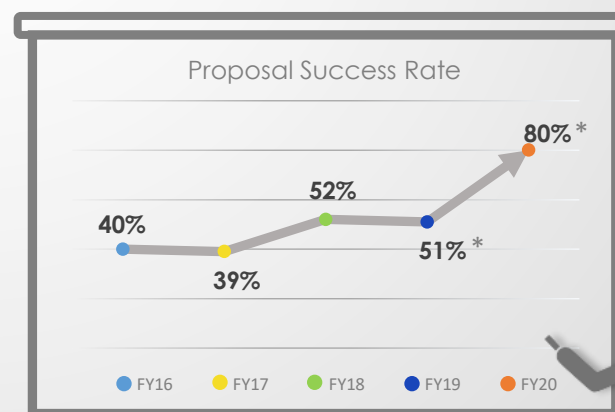
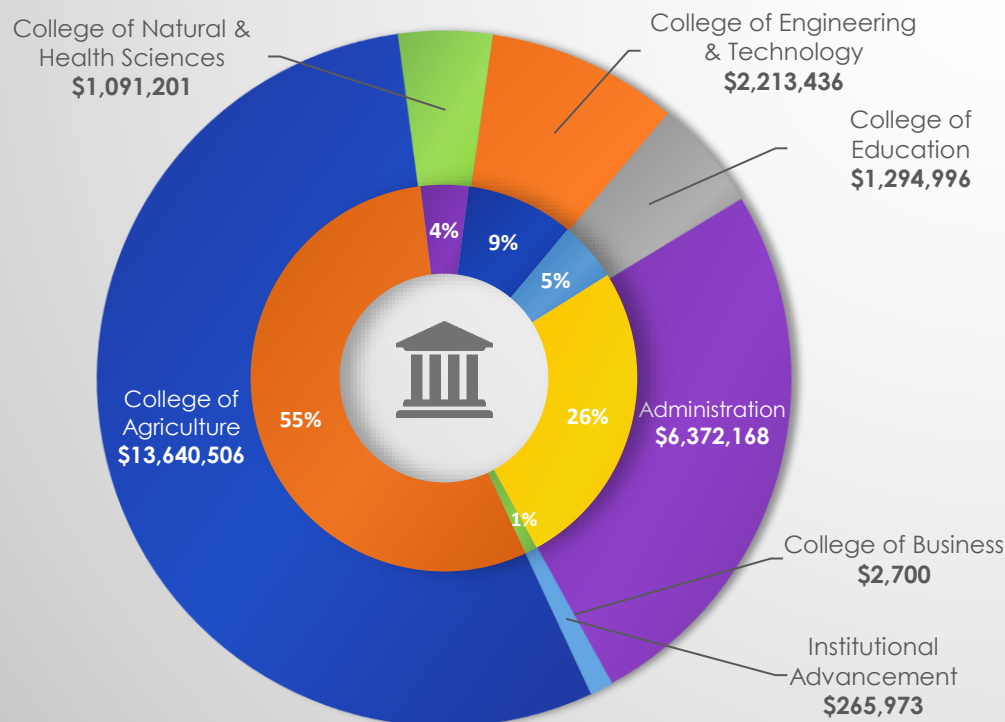
2.5K

Jobs Created
Through
Richmond MSA



\$37.8K

82 Proposals
Submitted in
FY2019



*Awards thru 12/31/2019.
Proposal outcomes pending.



Dear Friends & Associates;

The Division of Research and Economic Development is pleased to present the Virginia State University Division of Research and Economic Development's 2020 Calendar. It is an honor to capture and highlight the important works of Virginia State University's leading administrators, researchers, and students. As a Commonwealth of Virginia's 1890 Land-Grant University, we are dedicated to producing strong competent leaders, who are competitive in today's job market and society. As we embark on this new year, we hope this calendar will serve as an example of our pride in the VSU community. Thank you for your support. We look forward to another innovative year in 2020!

—The DivRED Team

Mary P. Gromovsky
Mary P. Gromovsky, MBA
Director, Budget, Policy & Planning

G. Dale Wesson
G. Dale Wesson, Ph.D., PE
VP, Division of Research

Dorthea Glanton
Dorthea Glanton
Exec. Administrative Assistant

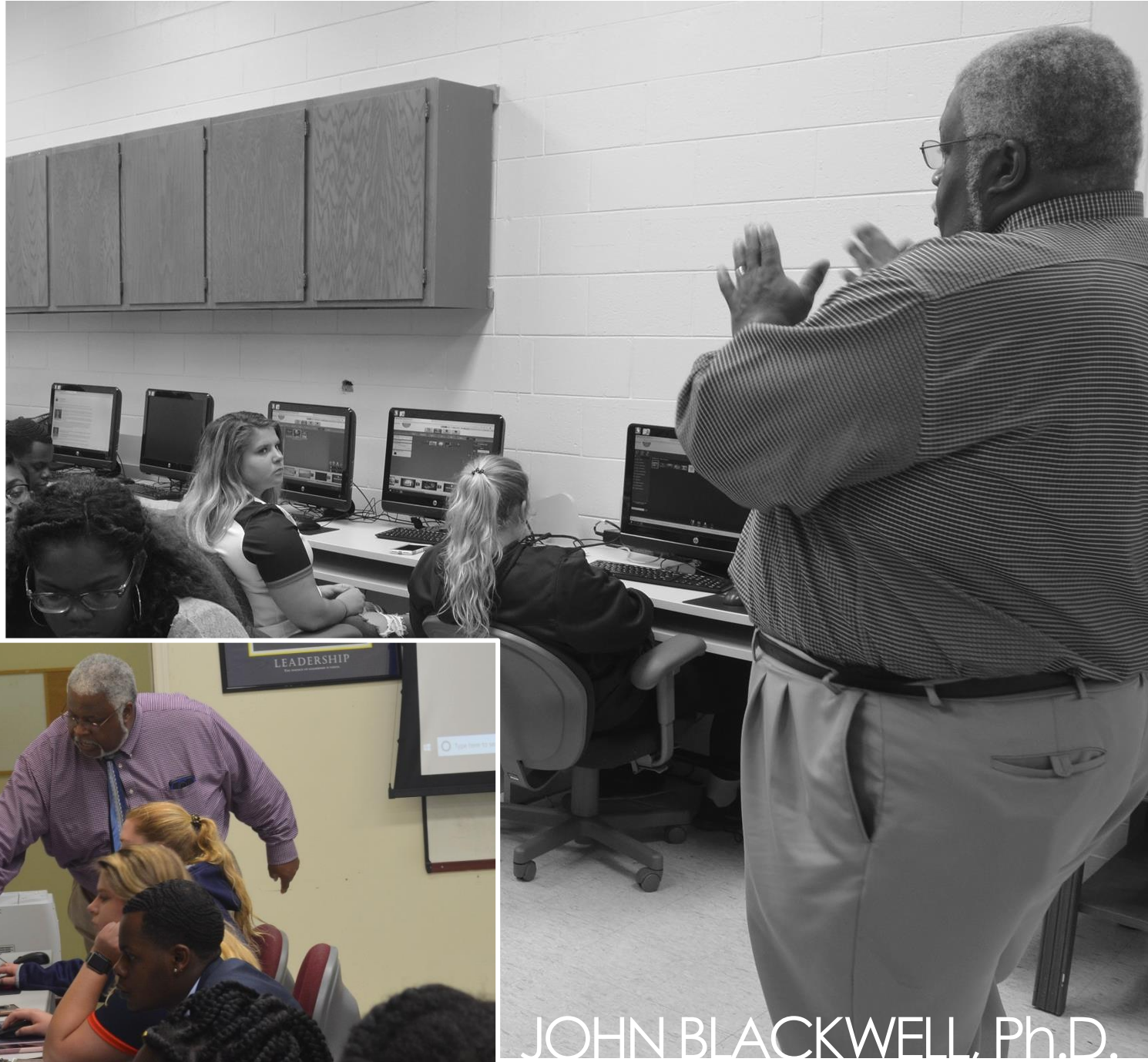
Sharon Evans
Sharon Evans
Post-Awards Specialist

Charlene Wyche
Charlene Wyche, MBA, M.Ed.
Director, Sponsored Research

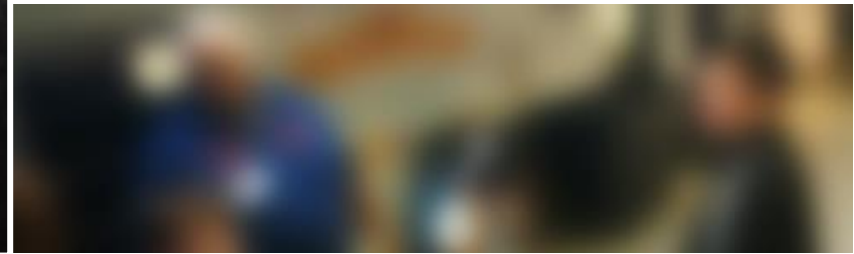
Raymond E. Moss
Raymond E. Moss, MBA, VCA
Manager of Grants and Contracts

Daniel T. Stoelting
Daniel T. Stoelting, Ph.D., CRA
Pre-Awards Specialist

John Blackwell, Ph.D. currently serves as the Coordinator of Assessment for Virginia State University's College of Education. It is from that position that he serves as the immediate past-president of the Virginia Association of Colleges for Teacher Education (VACTE) and current Southern Region Representative for the American Association of Colleges for Teacher Education (AACTE). He is currently the Co-Director of the Verizon Innovative Learning Grant which provides underserved middle school males in the Tri-Cities area with an opportunity to explore STEM fields prior to high school. The grant will follow the young men into high school leading them to future careers in STEM. Those who know Dr. Blackwell, and those he meets, quickly learn that he is passionate for teacher education and the desire to produce the highest quality teachers in Virginia and in the nation. He is an advocate at the state and national level for developing a national recruitment program for teachers and Teacher Education.



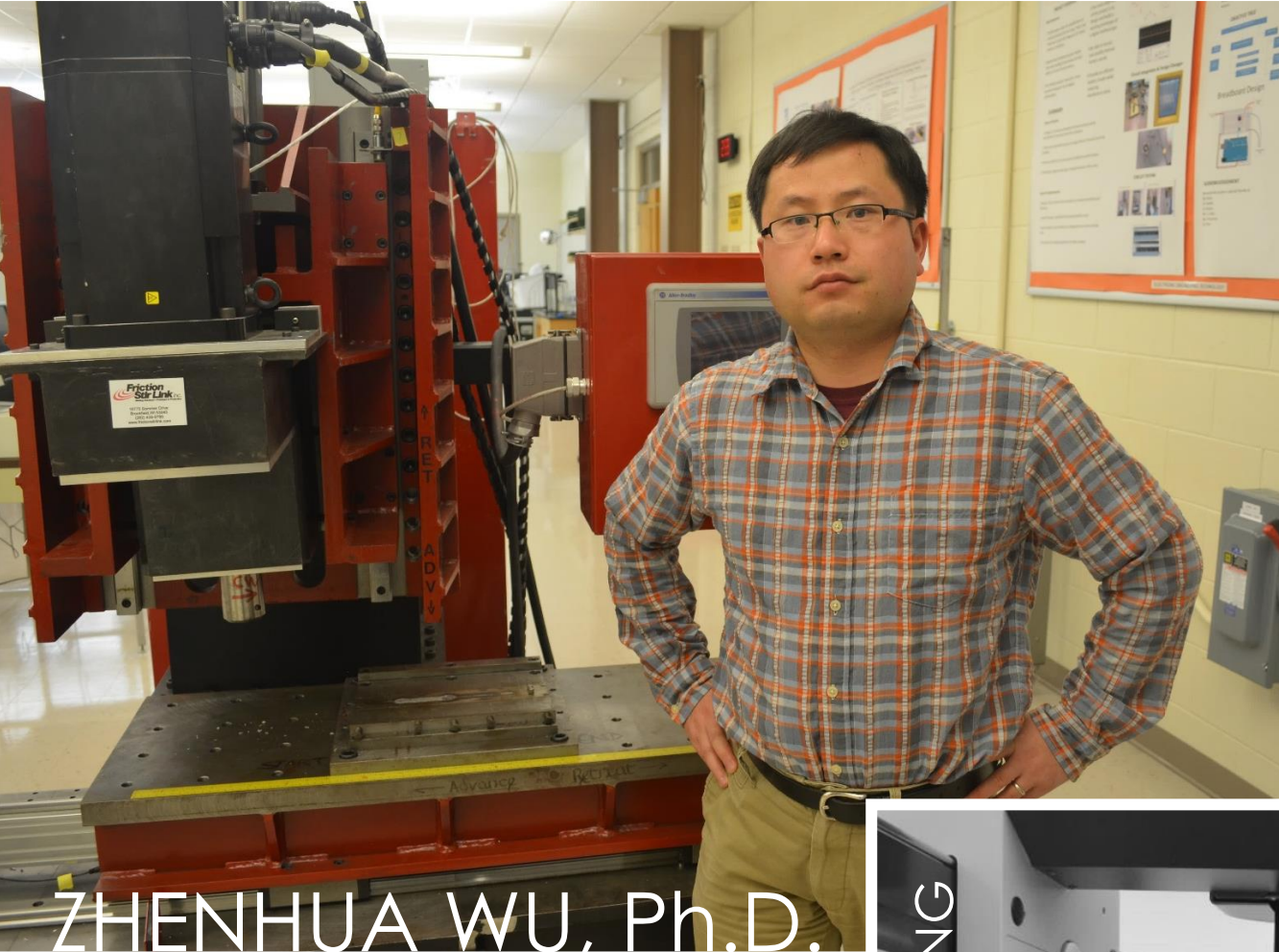
JOHN BLACKWELL, Ph.D.



JANUARY

December '19							February '20						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7							1
8	9	10	11	12	13	14	2	3	4	5	6	7	8
15	16	17	18	19	20	21	9	10	11	12	13	14	15
22	23	24	25	26	27	28	16	17	18	19	20	21	22
29	30	31					23	24	25	26	27	28	29

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
			UNIVERSITY CLOSED			
			New Year's Day			
5	6	7	8	9	10	11
	UNIVERSITY CONFERENCE & FACULTY WORKSHOPS	SPRING REGISTRATION BEGINS		WINTER CLASSES END	FINAL EXAMS BEGIN	
12	13	14	15	16	17	18
	UNIVERSITY CLASSES BEGIN; TERM I, 8-WEEK CLASSES BEGIN; WINTER GRADES DUE				LAST DAY TO ADD/DROP FOR ALL CLASSES; SPRING REGISTRATION ENDS	
19	20	21	22	23	24	25
	UNIVERSITY CLOSED					
	Martin Luther King, Jr Day					
26	27	28	29	30	31	

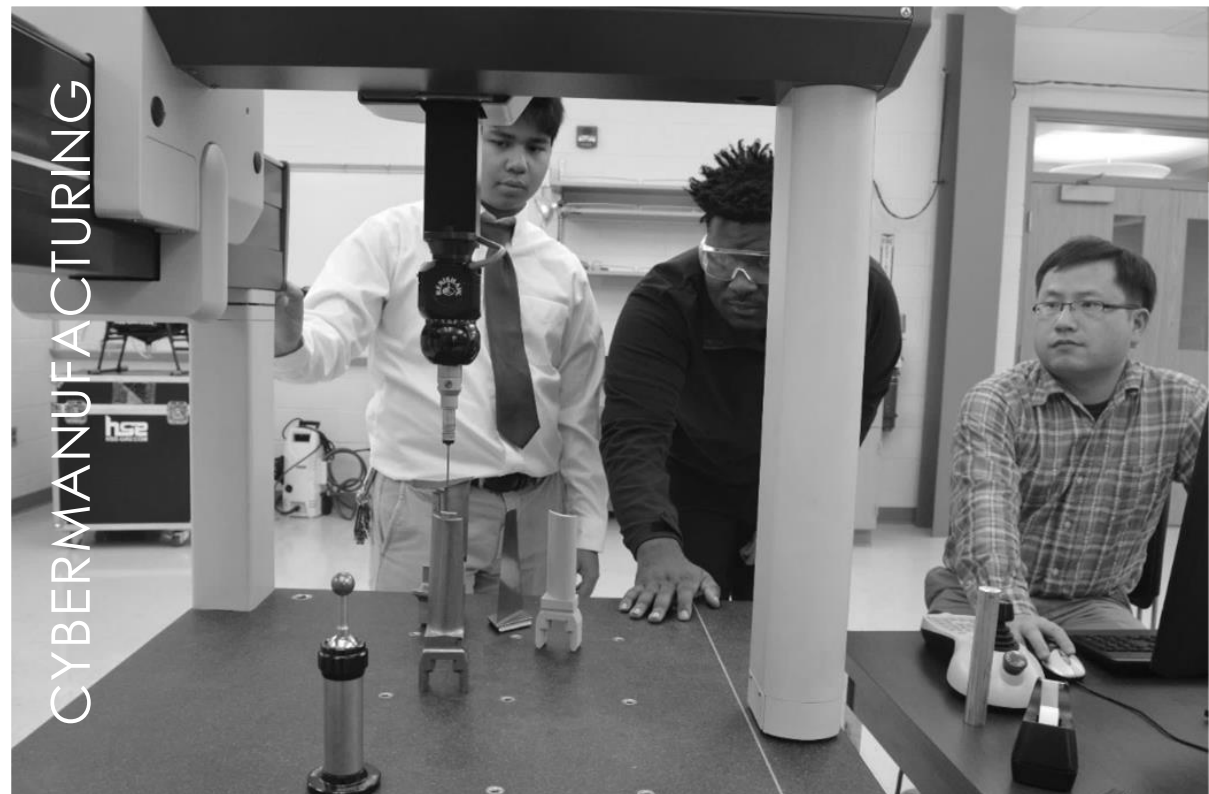


ZHENHUA WU, Ph.D.

Zhenhua Wu, Ph.D., currently the Associate Professor in Manufacturing Engineering at the College of Engineering and Technology, is the Director for the Cybermanufacturing Laboratory, www.vsucybermanu.wixsite.com/home, at VSU. As a dedicated researcher, his research is supported by NSF, ONR, ARO, NASA, VSU CAREO, and industrial sponsors in the areas of smart manufacturing, automation, sustainable manufacturing, and product life cycle engineering. His research outcomes have been extensively published and cited in the leading journals and conferences in manufacturing field.

Dr. Wu is an enthusiastic educator. His motto on education is "Ye shall know the truth and the truth shall make you free."

During his tenure at VSU, over 20 undergraduate students have received rigorous research training in his research program. His students have won many prestigious prizes including, the Second Place at the 2015 WBHR-LSAMP Research Symposium, the Runner Up at the 2017 NIST-NSF-ASTM-ASME Reusable Abstractions of Manufacturing Processes (RAMP) competition, and the Third Place at the 2019 Research Symposium of the Association of 1890 Research Directors (ARD Research Symposium), etc. Most of the student researchers upon graduation received employment from Deloitte, Newport News Shipbuilding, Microsoft, Lockheed Martin, Huntington Ingalls, and etc.



FEBRUARY

January '20							March '20						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
5	6	7	1	2	3	4	1	2	3	4	5	6	7
12	13	14	8	9	10	11	8	9	10	11	12	13	14
19	20	21	15	16	17	18	15	16	17	18	19	20	21
26	27	28	22	23	24	25	22	23	24	25	26	27	28
			29	30	31		29	30	31				

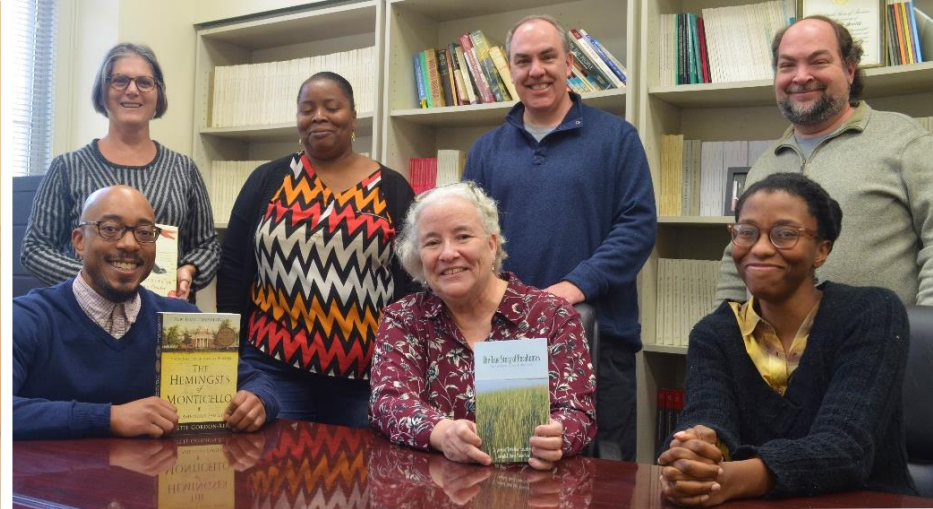
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
					TERM I, LAST DAY TO WITHDRAW FROM CLASSES	
9	10	11	12	13	14	15
		ASSESSMENT DAY – ALL UNDERGRADUATE CLASSES CANCELLED 8AM-5PM (Classes Resume at 5pm)			Valentine's Day	
16	17	18	19	20	21	22
	Presidents' Day					
23	24	25	26	27	28	29
	MIDTERM EXAMS BEGIN					MIDTERM EXAMS END



MERRY BYRD, Ph.D.

Dr. Merry Byrd's field is American Studies—women's autobiography and environmental literature. She regularly reviews for the journal FEMSPEC and edits the digital 'zine NOLA DIASPORA, www.noladiaspora.org. She is currently revising a manuscript on twentieth century women's memoirs, *Sustainable Selves*. Memoirs and biographies appeal to both general and academic audiences and serve as bridges between popular culture and scholarly research. The genre offers both rich literary artistry and important historical records, and I am delighted to highlight these central Virginia women of color and the life-writing genre with our current NEH grant, "Her-stories."

In 2015, Dr. Byrd, along with Dr. Maxine Sample, won an NEH grant, "Imagining Sustainable Environments." For two years, they asked faculty to infuse questions of sustainability into General Education courses. In many instances, they found the way to raise those questions was to follow the adage, "Think Globally, Act Locally." Thus, her current NEH grant, "Re-visioning Virginia Foremothers Through Narrative," builds on the earlier project by juxtaposing the lives and legends of



eight central Virginia women: Pocahontas, Sally Hemings, Elizabeth Keckley, Mary Bowser, Maggie Walker, Anne Spencer, Pearl Bailey, and Dorothy Height. In classrooms, public lectures, and bridge recruitment/retention programs, participating faculty, students, staff, and administrators will contextualize these women in their spatial locales/environs and social milieus. Many of these women produced their own memoirs, a remarkable achievement in their time! All of them had a formidable and formative impact on Virginia and U. S. history.



NATIONAL
ENDOWMENT
FOR THE
HUMANITIES

MARCH

February '20							April '20						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
2	3	4	5	6	7	8	5	6	7	8	9	10	11
9	10	11	12	13	14	15	12	13	14	15	16	17	18
16	17	18	19	20	21	22	19	20	21	22	23	24	25
23	24	25	26	27	28	29	26	27	28	29	30	31	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
SPRING BREAK (No Break for 8-week Classes)						
					TERM I, 8-WEEK CLASSES END AT FORT LEE	
8	9	10	11	12	13	14
SPRING BREAK						
Daylight Savings Time Begins	TERM II, 8-WEEK CLASSES BEGIN		MIDTERM GRADES DUE	FOUNDER'S DAY	TERM II, LAST DAY TO ADD 8-WEEK CLASSES	
15	16	17	18	19	20	21
	FALL REGISTRATION BEGINS; CURRICULUM SHEET UPDATE/ SCHEDULE PLANNING	St. Patricks Day				
22	23	24	25	26	27	28
29	30	31				

Elsie Stephens Weatherington, Ph.D., VSU Alumna, serves as the Dean of the University Libraries, encompassing Johnston Memorial Library and Special Collections and Archives. Having worked at all levels of librarianship, including schools, corporate and special libraries, her thirst for growth and change led her on a path that coalesced managing data for online catalogs and aggregating data for new uses in a large insurance company. Returning to her alma mater, those skills were applied to creating a state of the art Library.

Dr. Weatherington led the team to completely renovate the current Library with a technology infrastructure that is still relevant and used by students for individual and group work in the Computer Lab, the electronic training room, and wired study rooms for undergraduate, graduate and faculty members. The Library staff is continuing to install innovative technology that promotes creativity for faculty and staff. The Library still maintains a diverse collection of hardback books and electronic resources for all programs.



ELSIE WEATHERINGTON, Ph.D.

APRIL

March '20							May '20						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7						1	2
8	9	10	11	12	13	14	3	4	5	6	7	8	9
15	16	17	18	19	20	21	10	11	12	13	14	15	16
22	23	24	25	26	27	28	17	18	19	20	21	22	23
29	30	31					24	25	26	27	28	29	30
							31						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
					TERM I, LAST DAY TO WITHDRAW FROM CLASSES AT FORT LEE	
5	6	7	8	9	10	11
	HONORS WEEK ACTIVITIES					
	ACADEMIC HONORS EXERCISE				TERM II, LAST DAY TO WITHDRAW FROM ON- CAMPUS CLASSES	
12	13	14	15	16	17	18
Easter Sunday			Tax Day			
19	20	21	22	23	24	25
26	27	28	29	30		
			UNIVERSITY CLASSES END	UNIVERSITY READING DAY		



Somasheker “Soma” Akkaladevi received his Ph.D. degree in Computer Science from Georgia State University. He currently works as an Associate Professor of Computer Information Systems at Virginia State University. Dr. Akkaladevi been teaching at Virginia State University since 2006, in this period he’s helped to create the next generation of citizens, leaders, and researchers. His main research area is in Computer Networks, Network Security, Artificial Intelligence, and Data Mining. He has made significant contributions to research and publications in the field of information systems and has published several research papers in peer-reviewed highly ranked academic journals and conferences. Dr. Akkaladevi’s current research projects include developing novel methods and tools for Strengthening Capacity in Agricultural Leadership and Workforce Development Training, Increasing the Academic Success of Low-Income Students in Cybersecurity, and improving student learning using assessment item analysis in computer courses.

Research work on student assessment analysis helps instructors to better understand what their students are learning, identify specific areas of deficiency, and hence improve both teaching and learning experiences. Dr. Akkaladevi has always ensured that students thrive in the course and build on successes that can carry over to their everyday lives by using student-oriented teaching, career-oriented teaching and more hands-on practice. His research experience allowed him to deliver hands-on course offerings which have systemically raised the overall educational experience of hundreds of students. He has been providing extensive service to the VSU College of Business in areas such as curriculum development, AACSB accreditation, SACS accreditation, and other various committees. Dr. Akkaladevi has received VSU Research initiation grants on various projects in computer networking area. These projects include analyzing the Security threats in the Bluetooth wireless technology, implementing security measures on handheld devices and Analyzing the Banyan Network Performance under Various Network Traffic Conditions. His pending grants include a USDA- NIFA grant on Virginia State University Program for Strengthening Capacity in Agricultural Leadership and Workforce Development Training and an NSF S-STEM grant on Institutional Partnership to Increase the Academic Success of Low-Income Students in Cybersecurity.

MAY

April '20							June '20						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4		1	2	3	4	5	6
5	6	7	8	9	10	11	7	8	9	10	11	12	13
12	13	14	15	16	17	18	14	15	16	17	18	19	20
19	20	21	22	23	24	25	21	22	23	24	25	26	27
26	27	28	29	30			28	29	30				

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
					FALL REGISTRATION ENDS; FINAL EXAMS BEGIN	
3	4	5	6	7	8	9
			FINAL EXAMS END		SENIOR GRADES DUE	
10	11	12	13	14	15	16
					COMMENCEMENT ACTIVITIES	
Mother's Day			SEMESTER GRADES DUE		COMMENCEMENT REHEARSAL-9AM @ MPC; ROTC EXERCISES	COMMENCEMENT EXERCISES-9AM & 2PM @ MPC
17	18	19	20	21	22	23
					SUMMER REGISTRATION BEGINS FOR ALL SESSIONS	
24	25	26	27	28	29	30
	UNIVERSITY CLOSED					
31	Memorial Day	SESSIONS I & III CLASSES BEGIN (No Classes on Fridays)		LAST DAY TO ADD/DROP FOR SESSIONS I & III		

The Life STEM EAGER grant is funded through the National Science Foundation's Education Core Research Division to investigate the combined effects of non-academic peer mentoring based in Black psychology and extracurricular team competition based in geocache gameplay on success and retention of STEM students. This is a two-year pilot study, in which we expect to find positive synergistic effects using peer mentoring to impart positive behaviors that have been shown to affect motivation and achievement, and to give students the opportunity to use and succeed in these modified behaviors in geocache team competition. It is expected that success in the gameplay will translate to academic success. The pilot study includes further development of the proven Project Knowledge peer mentoring program to include Black psychology, the development of a Virginia State University geocache course, and implementation of the study with VSU STEM freshmen in the Fall 2019 semester. Future goals for this project are to include K-12 students from the Petersburg Community in Schools program to receive peer mentoring and gameplay intervention, with the goal of assuring young persons that STEM careers are possible and achievable, even for underserved students in the Petersburg School District. Thus, this project can potentially provide VSU students with an opportunity for service learning as peer mentors in our community. Further-more, the project serves our university ideals of improving access to STEM education, and imparting tools and wisdom to achieve and succeed.



KATHRYN SHOWS, Ph.D.



GEOCACHE GAMEPLAY



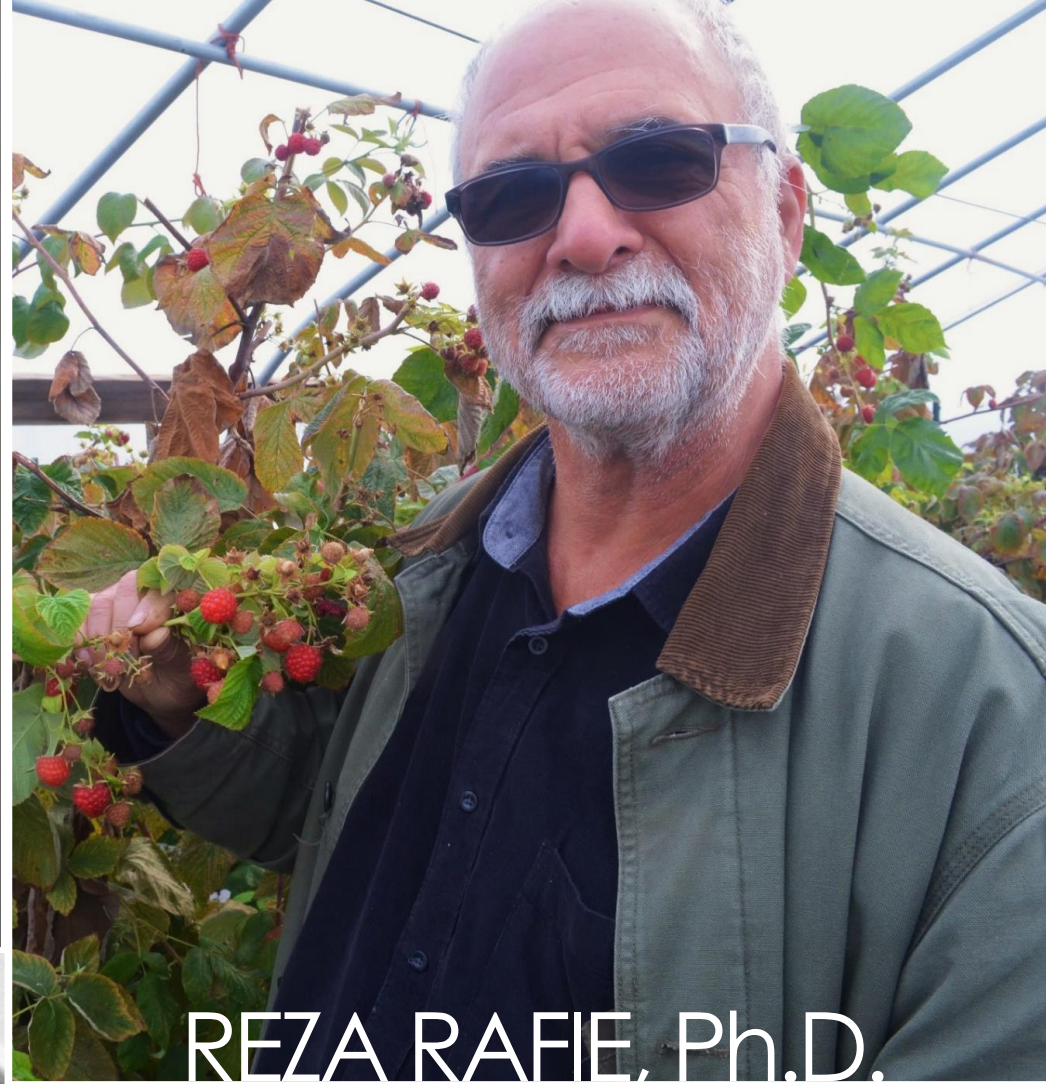
JUNE

May '20							July '20						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
3	4	5	6	7	8	9	5	6	7	8	9	10	11
10	11	12	13	14	15	16	12	13	14	15	16	17	18
17	18	19	20	21	22	23	19	20	21	22	23	24	25
24	25	26	27	28	29	30	26	27	28	29	30	31	
31													

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
		LAST DAY TO WITHDRAW FROM SESSIONS I & III				
14	15	16	17	18	19	20
21	22	23	24	25	26	27
			SESSION I CLASSES END	FINAL EXAM PERIOD FOR SESSION I; SESSION II REGISTRATION BEGINS	SESSION I GRADES DUE	
28	29	30				
	SESSION II CLASSES BEGIN (No Classes on Fridays)	END OF FISCAL YEAR 2020				

Reza Rafie, Ph.D. is a Professor, Horticulture Extension Specialist, his research and outreach focuses on the sustainable development of profitable specialty crops for Virginia farmers. One of the programs with considerable impact is the promotion of production and marketing of berry crops, including blueberry, blackberry, and raspberry among Virginia farmers. Sixty different berry varieties, including 43 of blueberry, 10 of blackberry, and 4 of raspberry were planted at VSU Randolph Farm and are currently under study to determine which varieties yield the highest quantities and most superior fruit quality. State and federal grants collectively valued at \$720,000 from the Virginia Tobacco Commission, and the USDA 1890 Capacity Building Grant respectively, were obtained and have been used to provide technical assistance to Virginia farmers with the production, food safety and marketing of blackberry, blueberry and raspberry crops.

The VSU College of Agriculture faculty are currently working with 55 farmers in the Commonwealth who are growing and marketing locally grown berry crops. In the Southside region, 18 formers and current tobacco growers are producing and marketing different berry crops, using the 'Southside Grown Berry' brand recognized locally and regionally. As a result of the VSU College of Agriculture Berry Project, in the 2018 production season, 37 seasonal picker/packer jobs were created in the tobacco region. The seasonal farm workers' gross income was \$128,760.00. More than 50 metric tons (30,000 flats comprising 360,000



REZA RAFIE, Ph.D.



SMART FARMING

units of ½ pint clamshell containers) of blackberries and blueberries were produced and marketed locally and regionally. The total wholesale value of berries produced and marketed by Southside Virginia farmers who received technical assistance from VSU College of Agriculture Berry Project was \$540,000.

In 2019, more than 100 growers and consumers attended the 10th annual VSU College of Agriculture 'Virginia Berry Production & Marketing Conference.' This annual conference provides Virginia farmers with the latest research and industry information on how to improve their production and marketing of berry crops.

JULY

June '20							August '20						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6							1
7	8	9	10	11	12	13	2	3	4	5	6	7	8
14	15	16	17	18	19	20	9	10	11	12	13	14	15
21	22	23	24	25	26	27	16	17	18	19	20	21	22
28	29	30					23	24	25	26	27	28	29
							30	31					

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
					UNIVERSITY CLOSED	
					Independence Day (Observed)	Independence Day
5	6	7	8	9	10	11
12	13	14	15	16	17	18
	LAST WEEK TO WITHDRAW FROM SESSION II					
19	20	21	22	23	24	25
26	27	28	29	30	31	
			SESSIONS II & III CLASSES END	FINAL EXAM PERIOD FOR SESSIONS II & III	SESSIONS II & III GRADES DUE	



EUNICE NDEGWA, Ph.D.

Eunice Ndegwa, Ph.D. is an Assistant Professor of Animal Health at VSU Agricultural Research Station and a member of the Small Ruminant Research and Education team at VSU. Her research focuses on epidemiology and control of diseases of economic and public health importance in farm animals using the One Health concept. With the increase in demand of goat meat in the US and new export opportunities for US goat producers, interest in meat goat production has garnered much attention recently. With this comes the challenge of increasing productivity and safe meat for consumers in an era where the available strategies for enhancing animal health are limited. Dr. Ndegwa's ongoing research program is geared towards addressing these challenges by evaluating the application of probiotics and bioactive plants compounds as alternatives to antibiotics, boosting immunity, and overcoming the negative impact of gut parasitism. By applying these strategies to enhance small ruminant gut health, Dr. Ndegwa and her collaborators anticipate improved animal productivity and also production of healthy and safe goat meat products. She works closely in collaboration with other researchers at Virginia State University ARS and also Cooperative Extension Program including educating small ruminant farming community on strategies to maintain healthy animals.

Dr. Ndegwa's research focus has been acknowledged nationally and regionally as evidenced by the extramural funding she received from USDA to further her research program. Last year, Dr. Ndegwa received funds over \$299,000 from USDA NIFA to strengthen and further



the meat goat gut health research program at VSU. She has also received funds through the collaborative regional Delmarva Cooperative Seed Grant initiative and CAREO program. The outcomes of Dr. Ndegwa's research findings have been presented in a number of scientific conferences, both nationally and internationally. More recently, her manuscript was accepted for publication in a high impact peer reviewed journal. Dr. Ndegwa's research program offers training opportunities for STEM undergraduate and graduate students to further their studies, acquire hands-on research skills in animal sciences, biomedical sciences, and microbiology and molecular biology.



AUGUST

July '20							September '20						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
5	6	7	1	2	3	4			1	2	3	4	5
12	13	14	8	9	10	11	6	7	8	9	10	11	12
19	20	21	15	16	17	18	13	14	15	16	17	18	19
26	27	28	22	23	24	25	20	21	22	23	24	25	26
			29	30	31		27	28	29	30			

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10 UNIVERSITY CONFERENCE & FACULTY WORKSHOP	11	12	13	14	15
16	17 UNIVERSITY CLASSES BEGIN ON-CAMPUS, TERM I, & 8-WEEK AT FORT LEE	18	19	20	21 LAST DAY TO ADD/DROP FOR ALL CLASSES	22
23	24	25	26	27	28	29
30	31					

Hari Sharma, Ph.D. is a Professor and Chair of the Department of Accounting and Finance in the Reginald F. Lewis College of Business. He joined Virginia State University in 2003 as Associate Professor to fulfill his passion for teaching and training the next generation of students for accounting, finance and risk management positions. Dr. Sharma has published over 35 peer-reviewed journal articles and 30 conference proceedings. He was one of the principal investigators that conducted Virginia State University's Economic Impact Study on the entire Richmond Metropolitan Statistical Area (MSA) in 2016. The study estimated VSU's Financial Impact on Richmond MSA counties and cities at \$354 Million and created 2,498 jobs in the area. He is a Co-Editor of Global Journal of Accounting and Finance.

Dr. Sharma has received several awards, including:

- The "Fellow Award" for his outstanding contributions to research related services of the IGBR organization in 2019.
- A distinguished research award from the Institute for Global Business Research (IGBR) in 2018.
- Two distinguished research awards from Academy of Accounting and Finance Studies in 2016 and 2017
- The UKROP School of Business Outstanding Faculty Award for outstanding teaching, research, and service in 2007.

Dr. Sharma's willingness to go beyond the call of duty is exceptional for serving the needs of students, faculty, staff and administration at VSU. He played an integral role in the University-wide efforts to report the continuous assessment of learning outcomes to satisfy the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) accreditation. His proficiencies in designing Spreadsheet Models to analyze course level assessment data for AACSB and SACSCOC accreditations are highly appreciated.



SEPTEMBER

August '20							October '20						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
2	3	4	5	6	7	1	4	5	6	7	1	2	3
9	10	11	12	13	14	15	11	12	13	14	15	16	17
16	17	18	19	20	21	22	18	19	20	21	22	23	24
23	24	25	26	27	28	29	25	26	27	28	29	30	31
30	31												

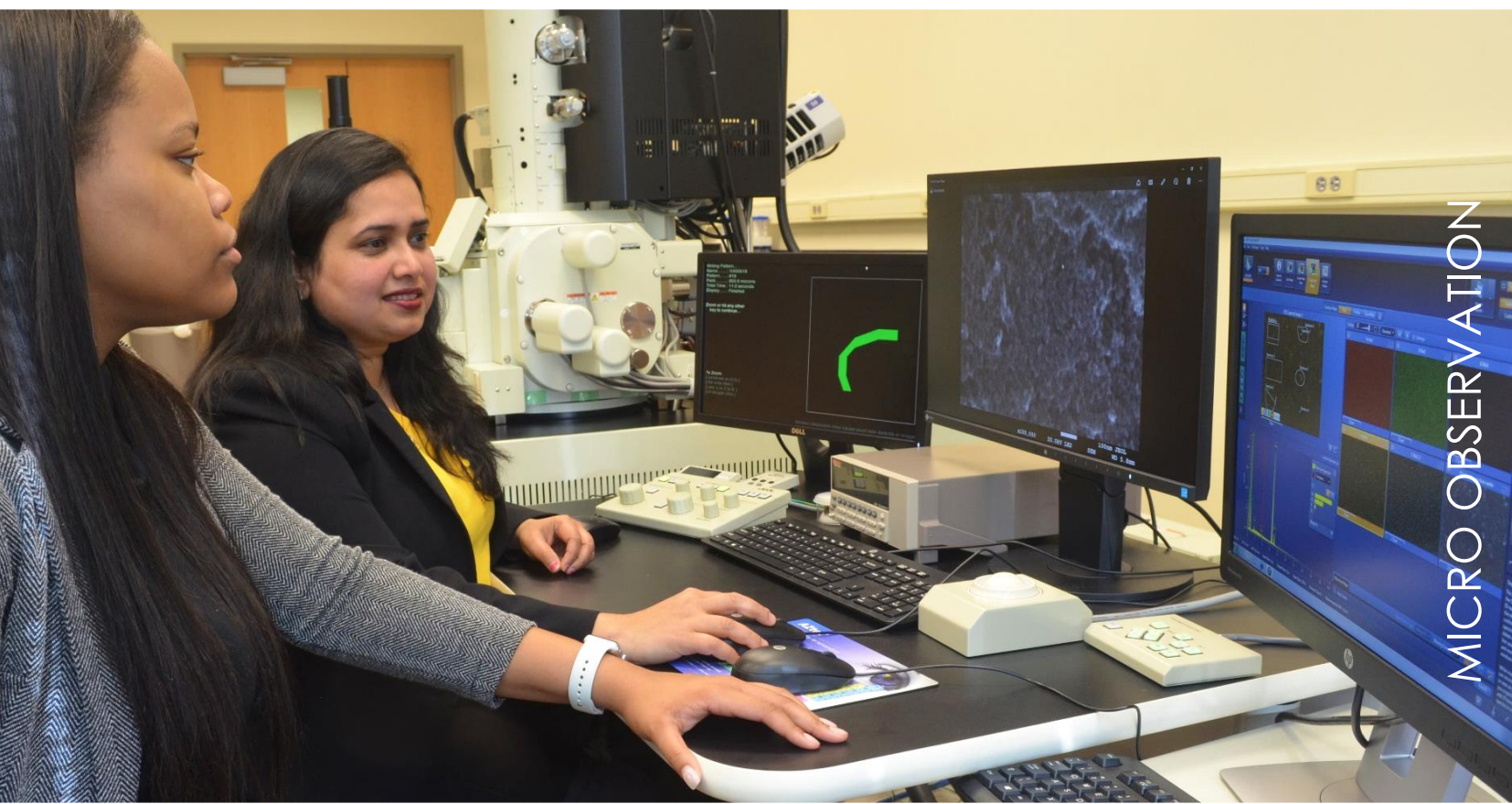
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
	UNIVERSITY CLOSED					
	Labor Day				LAST DAY TO WITHDRAW FROM 8-WEEK CLASSES	
13	14	15	16	17	18	19
	FORMAL OPENING CONVOCATION – 7PM					
20	21	22	23	24	25	26
27	28	29	30			
	MIDTERM EXAMS BEGIN					



DIPTIRANI SAMANTARAY, Ph.D.

Diptirani Samantaray, Ph.D. is a faculty member in the Department of Engineering and Computer Science. Her research areas focus mainly on Nano-Biotechnology, Polymer Science and Surface engineering. Expertise in Materials Science, and Nanotechnology encouraged her to develop research and teaching interest in the cutting edge science, technology, engineering and mathematics (STEM) platform as well. Dr. D. Samantaray actively participated to a number of research grant proposals in different external funding agencies, such as National Science Foundation (NSF), Department of Defense (DoD), and U. S. Department of Agriculture (USDA). Dr. Samantaray has received two Department of Defense (DoD) grants for the acquisition of a scanning electron microscope (SEM) and X-ray computed tomography machine (CT scan) for multidisciplinary research and education programs at the Virginia State University for the academic FY 2017 and 2019 respectively. Her research work has been published in peer-reviewed journals, book chapters and patents. The patent was awarded on the “Compounds and methods

for reducing oxidative stress” which explores synthesis of antioxidant polymeric compounds. Further, on hydrolysis, the polymeric compound degrades and releases the antioxidant molecules that eventually reduce the oxidative stress. Dr. Samantaray also serves as a reviewer to several well reputed Journals and conferences.



MICRO OBSERVATION

OCTOBER

September '20

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

November '20

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
				TERM I, 8-WEEK CLASSES END AT FORT LEE		MIDTERM EXAMS END
4	5	6	7	8	9	10
	FALL BREAK (No Break for 8-week Classes)					
	TERM II, 8-WEEK CLASSES BEGIN AT FORT LEE				MIDTERM GRADES DUE	
11	12	13	14	15	16	17
	TERM II, 8-WEEK CLASSES BEGIN FALL REGISTRATION BEGINS Columbus Day				TERM II LAST DAY TO ADD/DROP 8-WEEK CLASSES AT FORT LEE	
18	19	20	21	22	23	24
	SPRING REGISTRATION BEGINS; CURRICULUM SHEET UPDATE/SCHEDULE PLANNING				TERM II LAST DAY TO WITHDRAW FROM 8- WEEK CLASSES AT FORT LEE	HOMECOMING GAME-- 2PM @ ROGERS STADIUM
25	26	27	28	29	30	31
						Halloween



MICHAEL MCINTOSH, Ed.D.

Cohort Coordinator, which enhances the research practice and fosters high-quality education research of our doctoral candidates. His current articles appear in national journals and publications and focus on improving the outcomes of marginalized populations through social justice leadership. Recent articles include: "Compound Fractures: Healing the Intersectionality of Racism, Classism, and Trauma in Schools with a Trauma-Informed Approach as Part of a Social Justice Framework" Journal of Educational Leadership and Policy Studies 2019. Dr. McIntosh has presented his research at major conferences that target higher education researchers in addition to educational leadership practitioners. All of his sessions represent a clarion call to action for principals and other educational leaders to address issues of equity by embracing the full spectrum of social action including activism.

Research focus for Michael L. McIntosh, Ed.D. includes: utilizing equity-based interventions and social justice activism to insure better outcomes for marginalized students and developing a social justice framework within educational leadership preparation programs. He was recently selected as a 2019 Fulbright Program Specialist by the U.S. Department of State's Bureau of Educational and Cultural Affairs (ECA) and World Learning. In that role, he will travel abroad to share his expertise, strengthen institutional linkages, and gain international experience at overseas host institutions. As a 2019 Affiliate Scholar in the Rutgers University Center for Minority Serving Institutions, he will develop policy briefs for publication in issues that directly impact Minority Serving Institutions. He also serves as the VSU American Educational Research Association Educational Leadership Doctoral



NOVEMBER

October '20							December '20						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3			1	2	3	4	5
4	5	6	7	8	9	10	6	7	8	9	10	11	12
11	12	13	14	15	16	17	13	14	15	16	17	18	19
18	19	20	21	22	23	24	20	21	22	23	24	25	26
25	26	27	28	29	30	31	27	28	29	30	31		

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
		Election Day	Veteran's Day		LAST DAY TO WITHDRAW FROM ON-CAMPUS CLASSES	
15	16	17	18	19	20	21
22	23	24	25	26	27	28
	SPRING REGISTRATION ENDS			UNIVERSITY CLOSED		
29	30			Thanksgiving Day		
	UNIVERSITY CLASSES END ON-CAMPUS & TERM II AT FORT LEE					

Cheryl Talley, Ph.D. examines factors that lead to lasting behavioral change, specifically those related to high academic achievement. In studies funded by the National Science Foundation, Dr. Talley and her colleagues have sought to reveal the role that affective factors such as academic identity and emotional regulation play in student success. With her training in affective neuroscience, Dr. Talley utilizes various strategies, including mindfulness training, to help students develop strong academic identities and associated behaviors.

The successful intervention that was developed at Virginia State University is called Project Knowledge, which is based on a theoretical model created by Dr. Margaret Beale Spencer, the Phenomenological Variant of the Ecological Systems Theory (PVEST). Findings from Project Knowledge are now being used to inform interventions in other disciplines through collaboration with colleagues in the departments of Biology, Math, and Computer Science at Virginia State. Dr. Talley also serves as a lead researcher in a HBCU STEM collaboration led by a group at Morehouse College. Future plans include adopting Project Knowledge for grades K-12 by using technology to augment social emotional learning.



CHERYL TALLEY, Ph.D.



CONCEPT MAPPING

PROJECT
KNOWLEDGE
VIRGINIA STATE UNIVERSITY

DECEMBER

November '20							January '21						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7						1	2
8	9	10	11	12	13	14	3	4	5	6	7	8	9
15	16	17	18	19	20	21	10	11	12	13	14	15	16
22	23	24	25	26	27	28	17	18	19	20	21	22	23
29	30						24	25	26	27	28	29	30
							31						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
		UNIVERSITY READING DAY; WINTER REGISTRATION BEGINS	FINAL EXAMS BEGIN			
6	7	8	9	10	11	12
					COMMENCEMENT ACTIVITIES	
	FINAL EXAMS END	SENIOR GRADES DUE; WINTER CLASSES BEGIN	LAST DAY TO ADD/DROP FOR WINTER SESSION		COMMENCEMENT REHEARSAL-9AM AT MPC; ROTC EXERCISES	FALL COMMENCEMENT- 10AM @ MPC
13	14	15	16	17	18	19
	SEMESTER GRADES DUE		LAST DAY TO WITHDRAW FROM WINTER CLASSES			
20	21	22	23	24	25	26
UNIVERSITY CLOSED						
				Christmas Eve	Christmas Day	
27	28	29	30	31		
UNIVERSITY CLOSED						
				New Year's Eve		

